

# Overview about released SIP Providers



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# 1. Introduction

The tables below provide an overview of tested ITSP providers for OpenScape Business.

It has to be emphasized that the documented features represent the result when the test was finished.

**Important Note:**

It is highly recommended to check for the most current SW on SW-Download Server within the Unify Partner Portal.

For more information: [osbiz-certification@atos.net](mailto:osbiz-certification@atos.net)



## 2. Definition of Features between OpenScape Business and SIP Provider

### **SIP DID Account**

Provider supplies the customer with a range of call numbers for direct inward dialing, accessible with one or no SIP registration.

### **SIP Client Account**

Provider supplies the customer with one or more single call numbers which are registered separately.

### **Multisite**

Provider allows handling of numbers from different locations/areas via a single trunk or dedicated trunks for each location/area. For more info if each location/area needs a dedicated registration please check <https://wiki.unify.com/images/7/71/MultiRegistrationForITSP.pdf>.

### **CLIP no Screening**

Provider allows sending of calling party numbers different from the numbers assigned to the account (e.g. toll-free numbers 0800-, or original calling party number in case of call forwarding).

### **CLIP/CLIR**

Calling line indication presentation / calling line indication restriction. Call numbers are displayed or suppressed in ringing state.

### **COLP**

Connected line presentation / connected line restriction. Connected call numbers are displayed or suppressed in connected state.

### **Call Forwarding (302)**

Provider support call forwarding (also referred as call deflection) initiated with a 302 response.

### **DTMF**

Transmission of dual tone multi frequency signaling is used e.g. for voicemail or conference server access. RFC 2833 support is needed to control e.g. UC-Suite.

### **Codecs**

G.711: 64 kbps coding, variants a-law and u-law

G.729: 8 Kbps coding, variants A and AB with silence insertion

For IP-IP calls other codecs (like G.722) can be negotiated between the endpoints. Negotiation of such codecs is supported by the OpenScape system

### **FAX**

T.38 protocol allows safe transmission also for multi-page documents.

G.711 is not recommended.

### **Secure Trunk**

Provider offers a secured SIP trunk (TLS transport and SRTP media).

## 3. ITSP Details

### 3.1. International

#### 3.1.1. Broadcloud Germany - France - Italy - UK - Australia – USA



| System                       | OSBiz   |
|------------------------------|---|
| Released with Version        | V2R3  |
| ITSP Features & Capabilities |   |
| Account (DID/Client)         | DID   |
| Multisite                    | ITSP support multiple call numbers from different areas in the same country on the same trunk |
| CLIP / CLIR                  | yes / yes   |
| CLIP no Screening            | no  |
| COLP                         | -   |
| DTMF (RFC2833/4733)          | yes   |
| Codecs G711/G729             | yes / yes   |
| T.38 Fax                     | yes   |

#### Remarks:

In a transit call forwarding scenario Broadcloud provides the number of the originating caller. E.g. external A calls internal B. B is forwarded to external C. C get the number information of A

During setup of the ITSP trunk in OpenScape Business the country specific server addresses needs to be configured in the Broadcloud profile.

### 3.1.2. COLT international

| System                             | OsBiz     |
|------------------------------------|-----------|
| Supported since version            | V1_R1.1.0 |
| <b>Provider</b> ( profiles see *1) |           |
| SIP DID account                    | √ * 2     |
| SIP Client account                 | -         |
| <b>Features</b>                    |           |
| CLIP / CLIR                        | √         |
| COLP                               | -         |
| DTMF (RFC 2833)                    | √         |
| Codecs G.711/G.729                 | √ / √     |
| T.38 Fax                           | √         |

\*1 = COLT VPN Access may need additional manual configuration)  
COLT UK & Europe

\*2 = no registration

### 3.1.3. Skype connect international

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.1.4. Verizon international

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## 3.2. Australia

### 3.2.1. [AAPT SIP Connect](#)



| System                       | OSBiz              |
|------------------------------|--------------------|
| Released with Version        | V3R2               |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes - single trunk |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | yes                |
| COLP                         | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / yes          |
| T.38 Fax                     | no                 |
| Secure trunk                 | no                 |

### 3.2.2. [Broadcloud](#)

see Broadcloud Germany - France - Italy - UK - Australia - USA

### 3.2.3. [Commander Primus](#)

| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R3.1 |
| Provider                |         |
| SIP DID account         | √       |
| SIP Client account      | √       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -(P)    |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / √   |
| T.38 Fax                | √       |

### 3.2.4. engin

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.2.5. Internode

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.2.6. Spark Voice Connect SIP



| System                       | OpenScape Business |
|------------------------------|--------------------|
| Released with Version        | V3R2.1             |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes - single trunk |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | yes                |
| COLP                         | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / yes          |
| T.38 Fax                     | yes                |
| Secure trunk                 | no                 |

## 3.3. Austria

### 3.3.1. A1 SIPtrunk - registrierend



| System                                  | OpenScape Business |
|---|--------------------|
| Released with Version                   | V2R7               |
| <b>ITSP Features &amp; Capabilities</b> |                    |
| Account (DID/Client)                    | DID                |
| Multisite                               | no                 |
| CLIP / CLIR                             | yes / yes          |
| CLIP no Screening                       | Yes <sup>1)</sup>  |
| COLP                                    | no                 |
| Call Forwarding (302)                   | yes                |
| DTMF (RFC2833/4733)                     | yes                |
| Codecs G711/G729                        | yes / no           |
| T.38 Fax                                | no                 |
| Secure trunk                            | no                 |

#### Remarks:

<sup>1)</sup> Clip no Screening needs to be activated by A1.

A1 delivers a "A1 Router" to the customer which is used to terminate the SIP trunk.

### 3.3.2. **Drei Business SIP Connect**



|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>System</b>                      | OpenScape Business                   |
| <b>Released with Version</b>       | V3R3                                 |
| <b>Features &amp; Capabilities</b> |                                      |
| <b>Account (DID/Client)</b>        | DID                                  |
| <b>Multisite</b>                   | yes - single trunk / dedicated trunk |
| <b>CLIP / CLIR</b>                 | yes                                  |
| <b>CLIP no Screening</b>           | yes <sup>1)</sup>                    |
| <b>COLP</b>                        | yes                                  |
| <b>Call Forwarding (302)</b>       | no                                   |
| <b>DTMF (RFC2833/4733)</b>         | yes                                  |
| <b>Codecs G711/G729</b>            | yes / yes                            |
| <b>T.38 Fax</b>                    | no                                   |
| <b>Secure trunk</b>                | no                                   |

**Remarks:**

- 1) CLIP no Screening can be booked optional  
 2) UC-Fax is not released for **Drei Business SIP Connect**

### 3.3.3. Magenta Business Voice SIP



|                                    |                    |
|------------------------------------|--------------------|
| <b>System</b>                      | OpenScape Business |
| <b>Released with Version</b>       | V3R3               |
| <b>Features &amp; Capabilities</b> |                    |
| <b>Account (DID/Client)</b>        | DID/MSN            |
| <b>Multisite</b>                   | yes - single trunk |
| <b>CLIP / CLIR</b>                 | yes                |
| <b>CLIP no Screening</b>           | yes - if ordered   |
| <b>COLP</b>                        | yes                |
| <b>Call Forwarding (302)</b>       | no                 |
| <b>DTMF (RFC2833/4733)</b>         | yes                |
| <b>Codecs G711/G729</b>            | yes / no           |
| <b>T.38 Fax</b>                    | yes                |
| <b>Secure trunk</b>                | no                 |

#### Remarks:

SIP External must be changed to 5060. It is recommended to set the SIP port (internal) to 5070.

### 3.3.4. Kabelplus Business Phone



|                         |              |
|-------------------------|--------------|
| <b>System</b>           | <b>OsBiz</b> |
| Supported since version | V2_R1.1.0    |
| <b>Provider</b>         |              |
| SIP DID account         | √            |
| SIP Client account      | -            |
| <b>Features</b>         |              |
| CLIP / CLIR             | √            |
| COLP                    | -            |
| DTMF (RFC 2833)         | √            |
| Codecs G.711/G.729      | √ / √        |
| T.38 Fax                | √            |



### 3.3.5. IP-Austria

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V1_R1.1.0       |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      | -               |
| Features                |                 |
| CLIP / CLIR             | √               |
| COLP                    | -               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / -           |
| T.38 Fax                | <sup>2)</sup>   |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

<sup>2)</sup> Only T.38 outbound supported. LX was tested with OSO-fax-server. FAX with G.711 only working properly with 10ms frame size

Service call 0900 generally not allowed with IPAustria

### 3.3.6. LinzAG City Voice

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.3.7. Neotel

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.3.8. Peoplefone AG

| System                  | OsBiz |
|-------------------------|-------|
| Supported since version | V2R6  |
| Provider                |       |
| SIP DID account         | √     |
| SIP Client account      | -     |
| Features                |       |
| CLIP / CLIR             | √     |
| COLP                    | -     |
| DTMF (RFC 2833)         | √     |
| Codecs G.711/G.729      | √ / √ |
| T.38 Fax                | -     |

### 3.3.9. SalzburgAG CableLink

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## 3.4. Belgium

### 3.4.1. [Belgacom.IMS / Proximus](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1      |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

\*1 = no SIP registration

UC-Suite is not yet released for Belgacom IMS

### 3.4.2. [BCOM](#)

for details on BCOM see the table BCOM

### 3.4.3. [Destiny](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.4.4. **BKM** Formerly named Hexacom



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V3        |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | yes       |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | no        |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | no        |
| Secure trunk                            | no        |

#### Remarks:

**With V3 a major update of the BKM profile is available.**

BKM offers two types of trunks:

1. accessible via public network: for this type of trunk the profile could be used without changes
2. access via private link: for this type of access the settings need to be adapted, please check the configuration document

### 3.4.5. **gnTel** for details on gnTel see the table gnTel



### 3.4.6. **IPnexia – Belgium - Luxembourg**



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R6.2    |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | no        |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | no        |
| Secure trunk                            | no        |



### 3.4.7. ORANGE

| System                       | OSBiz                    |
|------------------------------|--------------------------|
| Released with Version        | V2R3.1<br>update: V3R2.1 |
| profile                      | Orange BE S&F            |
| ITSP Features & Capabilities |                          |
| Account (DID/Client)         | DID                      |
| Multisite                    | yes - dedicated trunks   |
| CLIP / CLIR                  | yes / yes                |
| COLP                         | no                       |
| CLIP no Screening            | yes <sup>1)</sup>        |
| Call Forwarding (302)        | no                       |
| DTMF (RFC2833/4733)          | yes                      |
| Codecs G711/G729             | yes / yes                |
| T.38 Fax                     | yes                      |

| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V3R2.1                 |
| profile                      | Orange BE SIP          |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| COLP                         | no                     |
| CLIP no Screening            | yes <sup>1)</sup>      |
| Call Forwarding (302)        | no                     |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / yes              |
| T.38 Fax                     | yes                    |

#### Remarks:

The registrar/proxy IP address will be different for each customer

Orange delivers a CPE device to the customer. This CPE device has typical an xDSL uplink to the providers SIP Trunk. The CPE does get an IP Address which is in the same subnet of the customer PBX. ITSP is reached via static route configured in OSBIZ. Please check the configuration guide. ISP is reached via different router.

1) In default the Orange profile has CLIP no Screening activated. The user must sign an agreement for CLIP no Screening. As long as the user has not signed the agreement with Orange, forwarded calls will be rejected! If CLIP no Screening agreement is not signed the profile needs to be changed manually.

### 3.4.8. Telenet



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V1R1      |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               |           |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | yes       |
| Secure trunk                            | no        |

#### Remarks:

Customer specific profile entries are needed for domain name and Proxy.

### 3.4.9. WIN

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

\*1) = no registration

UC-Suite is not yet released

### 3.4.10. X2COM

for details on X2COM see the table X2COM



## 3.5. Brazil

### 3.5.1. [vivo](#)



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R7.1    |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | -         |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | no        |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | no        |
| Secure trunk                            | no        |

#### Remarks:

Vivo provide 4 different link types.

Please check the configuration document about the necessary configuration steps:

Link 1,2 and 4 Customer specific profile entries are needed for domain and proxy.

Link 4: Customer specific profile entries are needed for domain, proxy and **inbound proxies**.

Static routes must be configured.

### 3.5.2. [Voitel](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √ / -     |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## 3.6. Canada

### 3.6.1. BabyTEL

| System                  | OsBiz |
|-------------------------|-------|
| Supported since version | V2_R0 |
| Provider                |       |
| SIP DID account         | √     |
| SIP Client account      | -     |
| Features                |       |
| CLIP / CLIR             | √     |
| COLP                    | -     |
| DTMF (RFC 2833)         | √     |
| Codecs G.711/G.729      | √ / √ |
| T.38 Fax                | √     |

## 3.7. Chile

### 3.7.1. ENTEL NGN

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

## 3.8. Czech Republic

### 3.8.1. GTS

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.8.2. O2 CZ

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.8.3. T-mobile

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## 3.9. Denmark

### 3.9.1. Global Connect

| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R3.3 |
| Provider                |         |
| SIP DID account         | √       |
| SIP Client account      | -       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -       |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / √   |
| T.38 Fax                | √       |

### 3.9.2. TDC DK

| System                  | OsBiz         |
|-------------------------|---------------|
| Supported since version | V2 R2.1.0_262 |
| Provider                |               |
| SIP DID account         | √             |
| SIP Client account      | -             |
| Features                |               |
| CLIP / CLIR             | √/-           |
| COLP                    | √             |
| DTMF (RFC 2833)         | √             |
| Codecs G.711/G.729      | √ / √         |
| T.38 Fax                | √             |
| Multisite               | -)*           |

\*) Not supported by country

### 3.9.3. Telia



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V2R2.2.0_279      |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID <sup>1)</sup> |
| Multisite                               | -                 |
| CLIP / CLIR                             | yes / yes         |
| COLP                                    | -                 |
| DTMF (RFC2833/4733)                     | yes <sup>2)</sup> |
| Codecs G711/G729                        | yes / -           |
| T.38 Fax                                | - <sup>3)</sup>   |

#### Remarks:

<sup>1)</sup> No registration is used, Port 5060 MUST be used for SIP traffic

<sup>2)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

<sup>3)</sup> T.38 is not supported in default, it can be requested if needed

### 3.9.4. Uni-tel A/S

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √         |

## 3.10.Finland

### 3.10.1. [Elisa](#)

Certification was renewed with new platform of Elisa (Elisa NGN) in January 2013.

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √         |

### 3.10.2. [Länsilinkki](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √         |

### 3.10.3. [TDC](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1      |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

\*1) : no registration

### 3.10.4. [TeliaSonera](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## 3.11.Estonia

### 3.11.1. [Telia](#)



| System                       | OSBiz                    |
|------------------------------|--------------------------|
| Released with Version        | V2R6.2                   |
| ITSP Features & Capabilities |                          |
| Account (DID/Client)         | DID                      |
| Multisite                    | yes, single registration |
| CLIP / CLIR                  | yes / yes                |
| CLIP no Screening            | yes                      |
| COLP                         | no                       |
| Call Forwarding (302)        | no                       |
| DTMF (RFC2833/4733)          | yes                      |
| Codecs G711/G729             | yes / no                 |
| T.38 Fax                     | no                       |
| Secure trunk                 | no                       |

#### Remarks

Due to a problem with certain call scenarios a DSP board is needed to terminate the payload. See the configuration document for details.

Fax is not fully tested and not released

## 3.12.France

### 3.12.1. [Bouygues](#)

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V2_R1.0.0       |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      | √               |
| Features                |                 |
| CLIP / CLIR             | √/√             |
| COLP                    | -               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / √           |
| T.38 Fax                | √               |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

### 3.12.2. [Broadcloud](#)

see Broadcloud Germany - **France** - Italy - UK - Australia - USA

### 3.12.3. [codepi](#)

| System                       | OSBiz                    |
|------------------------------|--------------------------|
| Released with Version        | V3                       |
| ITSP Features & Capabilities |                          |
| Account (DID/Client)         | DID                      |
| Multisite                    | yes, single registration |
| CLIP / CLIR                  | yes / yes                |
| CLIP no Screening            | yes <sup>1)</sup>        |
| COLP                         | no                       |
| Call Forwarding (302)        | no                       |
| DTMF (RFC2833/4733)          | yes                      |
| Codecs G711/G729             | yes / yes                |
| T.38 Fax                     | yes                      |
| Secure trunk                 | no                       |



#### Remarks:

<sup>1)</sup> Clip no Screening needs to be boocked at CODEPI



### 3.12.4. Completel

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.12.5. Dstny

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>System</b>                      | OpenScape Business               |
| <b>Released with Version</b>       | V3R3                             |
| <b>Features &amp; Capabilities</b> |                                  |
| <b>Account (DID/Client)</b>        | DID                              |
| <b>Multisite</b>                   | yes – single and dedicated trunk |
| <b>CLIP / CLIR</b>                 | yes / no                         |
| <b>CLIP no Screening</b>           | yes                              |
| <b>COLP</b>                        | no                               |
| <b>Call Forwarding (302)</b>       | no                               |
| <b>DTMF (RFC2833/4733)</b>         | yes                              |
| <b>Codecs G711/G729</b>            | yes / no                         |
| <b>T.38 Fax</b>                    | no                               |
| <b>Secure trunk</b>                | no                               |



### 3.12.6. Foliateam Opérateur



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R7.1    |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | yes       |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / no  |
| T.38 Fax                                | no        |
| Secure trunk                            | no        |

**Remarks:**

T.38 MUST be deactivated in the OpenScape Business system

### 3.12.7. Hexatel

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R3.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | -         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.12.8. IP Directions



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V2R7      |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | yes       |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | no        |
| Call Forwarding (302)        | no        |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / yes |
| T.38 Fax                     | no        |
| Secure trunk                 | no        |

**Remarks:**

T.38 MUST be deactivated in the OpenScape Business system  
 Due to interoperability issues UC-Fax is not released with IP-Directions

### 3.12.9. IPnexia

for details on IPnexia see the table [IPnexia Belgium](#)



### 3.12.10. [Jaguar](#)



| System                       | OSBiz                       |
|------------------------------|-----------------------------|
| Released with Version        | V2R7.1                      |
| ITSP Features & Capabilities |                             |
| Account (DID/Client)         | DID <sup>1)</sup>           |
| Multisite                    | no                          |
| CLIP / CLIR                  | yes / yes                   |
| CLIP no Screening            | not supported <sup>2)</sup> |
| COLP                         | no                          |
| Call Forwarding (302)        | no                          |
| DTMF (RFC2833/4733)          | yes                         |
| Codecs G711/G729             | yes / yes                   |
| T.38 Fax                     | yes                         |
| Secure trunk                 | no                          |

#### Remarks:

<sup>1)</sup> Special configuration of primary and secondary server needed, see configuration document for details.

<sup>2)</sup> Jaguar requires a special signalling for Clip no Screening which is not supported by OpenScape business

### 3.12.11. [Keyyo](#)



| System                       | OSBiz              |
|------------------------------|--------------------|
| Released with Version        | V3R2               |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes - single trunk |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | no                 |
| COLP                         | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / no           |
| T.38 Fax                     | no                 |
| Secure trunk                 | no                 |

### 3.12.12. [MyStream](#)

| <b>System</b>           | <b>OsBiz</b> |
|-------------------------|--------------|
| Supported since version | V1_R1.1.0    |
| <b>Provider</b>         |              |
| SIP DID account         | √            |
| SIP Client account      | √            |
| <b>Features</b>         |              |
| CLIP / CLIR             | √            |
| COLP                    | -            |
| DTMF (RFC 2833)         | √            |
| Codecs G.711/G.729      | √ / √        |
| T.38 Fax                | -            |

### 3.12.13. OpenIP

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | -         |

### 3.12.14. Orange Business Services SIP trunking



**Business  
Services**

| System                       | OSBiz        |
|------------------------------|--------------|
| Released with Version        | V2R4.1       |
| ITSP Features & Capabilities |              |
| Account (DID/Client)         | DID          |
| Multisite                    | no           |
| CLIP / CLIR                  | yes / yes    |
| COLP                         | no           |
| CLIP no Screening            | no           |
| Call Forwarding (302)        | no           |
| DTMF (RFC2833/4733)          | yes          |
| Codecs G711/G729             | yes / partly |
| T.38 Fax                     | yes          |
| Secure trunk                 | no           |

#### Remarks:

To comply with the requirements of the Orange Business Services SIP trunk a special setup of OpenScape Business is needed. Please read the configuration description available in the Wiki. Customer specific profile entries are needed for domain name and proxy address

Special configuration is needed for the following parameters:

- EXT\_SIP\_PORT **MUST** be configured with 5060 (default is 5070)
- RFC 2833 payload type **MUST** be 101
- RFC 2198 support **MUST** be disabled
- G.729AB is NOT supported by ORANGE and **SHOULD** be disabled

### 3.12.15. Paritel Operateur



| System                       | OSBiz        |
|------------------------------|--------------|
| Released with Version        | V1R1         |
| ITSP Features & Capabilities |              |
| Account (DID/Client)         | DID / Client |
| Multisite                    | no           |
| CLIP / CLIR                  | yes / yes    |
| CLIP no Screening            | no           |
| COLP                         | no           |
| Call Forwarding (302)        | yes          |
| DTMF (RFC2833/4733)          | yes          |
| Codecs G711/G729             | yes / yes    |
| T.38 Fax                     | yes          |
| Secure trunk                 | no           |

### 3.12.16. Sewan Communications

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R3.3.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |



## 3.13. Germany

### 3.13.1. 1&1

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √/ √      |
| T.38 Fax                | -         |

### 3.13.2. 1&1 Versatel



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R4.1                 |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| COLP                         | -                      |
| CLIP no Screening            | yes <sup>1)</sup>      |
| Call Forwarding (302)        | yes                    |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / yes              |
| T.38 Fax                     | yes <sup>2)</sup>      |
| secure trunk                 | no                     |

#### Remarks:

<sup>1)</sup> CLIP no screening needs to be configured on the 1&1 Versatel platform

<sup>2)</sup> **UC-Fax is not released with 1&1 Versatel** (This needs an enhancement in OpenScape Business and will be released in an upcoming version)

### 3.13.3. [autphone](#)



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V2R7              |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID               |
| Multisite                    | yes               |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes <sup>1)</sup> |
| COLP                         | no                |
| Call Forwarding (302)        | yes               |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / yes         |
| T.38 Fax                     | yes               |
| Secure trunk                 | no                |

#### Remarks:

<sup>1)</sup> CLIP no Screening needs to be booked at ITSP

### 3.13.4. [Broadcloud](#)

see Broadcloud Germany - **France** - **Italy** - **UK** - **Australia** - **USA**

### 3.13.5. [BITel](#)



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R6.2    |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               |           |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / no  |
| T.38 Fax                                | no        |
| Secure trunk                            | no        |

#### Remarks:

BITel delivers an access device, IP address of access device needs to be configured as Proxy and Registrar

<sup>1)</sup> Clip no Screening needs to be booked at BITel

| System                                | OpenScape Business                 |
|---------------------------------------|------------------------------------|
| Released with Version                 | V3R3                               |
| <b><i>BITel Business SIP Flex</i></b> | <b>Features &amp; Capabilities</b> |
| Account (DID/Client)                  | <i>DID</i>                         |
| Multisite                             | <i>no</i>                          |
| CLIP / CLIR                           | <i>yes</i>                         |
| CLIP no Screening                     | <i>yes</i>                         |
| COLP                                  | <i>no</i>                          |
| Call Forwarding (302)                 | <i>yes</i>                         |
| DTMF (RFC2833/4733)                   | <i>yes</i>                         |
| Codecs G711/G729                      | <i>yes / no</i>                    |
| T.38 Fax                              | <i>yes</i>                         |
| Secure trunk                          | <i>no</i>                          |

#### Remarks:

SIP-Trunk ***BITel Business SIP Flex*** is released for:

- OpenScape Business V3 Mainboard Family
- OpenScape Business S

### 3.13.6. [CITEC Universe SIP Trunk](#)



| System                                  | OSBiz                         |
|---|-------------------------------|
| Released with Version                   | V3                            |
| <b>ITSP Features &amp; Capabilities</b> |                               |
| Account (DID/Client)                    | DID                           |
| Multisite                               | yes, with single registration |
| CLIP / CLIR                             | yes / yes                     |
| CLIP no Screening                       | yes                           |
| COLP                                    | no                            |
| Call Forwarding (302)                   | no                            |
| DTMF (RFC2833/4733)                     | yes                           |
| Codecs G711/G729                        | yes / no                      |
| T.38 Fax                                | no <sup>1)</sup>              |
| Secure trunk                            | no                            |

**Remarks:**

1) T.38 MUST be deactivated in the system

### 3.13.7. [Date!](#)



| System                                  | OSBiz                  |
|---|------------------------|
| Released with Version                   | V3                     |
| <b>ITSP Features &amp; Capabilities</b> |                        |
| Account (DID/Client)                    | DID <sup>1)</sup>      |
| Multisite                               | yes - dedicated trunks |
| CLIP / CLIR                             | yes / yes              |
| CLIP no Screening                       | yes <sup>2)</sup>      |
| COLP                                    | no                     |
| Call Forwarding (302)                   | yes                    |
| DTMF (RFC2833/4733)                     | yes                    |
| Codecs G711/G729                        | yes / no               |
| T.38 Fax                                | no                     |
| secure trunk                            | no                     |

**Remarks:**

<sup>1)</sup> The certification is valid for the DATEL Phone&Surf SIP Trunk product. Other products (e.g. MSN based) are available but not yet certified with OpenScape Business

<sup>2)</sup> Clip no Screening needs to be boocked at DATEL

### 3.13.8. Deutsche Telefon



| System                       | OSBiz                                 |
|------------------------------|---------------------------------------|
| Released with Version        | V2R3                                  |
| ITSP Features & Capabilities |                                       |
| Account (DID/Client)         | DID                                   |
| Multisite                    | yes – single trunk / dedicated trunks |
| CLIP / CLIR                  | yes / yes                             |
| COLP                         | -                                     |
| DTMF (RFC2833/4733)          | yes                                   |
| Codecs G711/G729             | yes / -                               |
| T.38 Fax                     | yes                                   |

#### Remarks:

"Einzelverbindungs nachweis": The number presented in PAI will be used in the EVN. If the individual number should be presented in EVN the CLIP no Screening feature must be deactivated.

### 3.13.9. easybell



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V2R6              |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID               |
| Multisite                    | no                |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes <sup>1)</sup> |
| COLP                         | no                |
| Call Forwarding (302)        | no                |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / no          |
| T.38 Fax                     | no                |
| Secure trunk                 | no                |

#### Remarks:

<sup>1)</sup> CLIP no screening must be activated in customer portal of easybell (see configuration description)

**Changed default settings introduced in V2R7, please check the configuration document for details (CLIPnoScreening)**

### 3.13.10. EasyFone



| System                       | OSBiz               |
|------------------------------|---------------------|
| Released with Version        | V3R2                |
| ITSP Features & Capabilities |                     |
| Account (DID/Client)         | DID                 |
| Multisite                    | yes - single trunks |
| CLIP / CLIR                  | yes / yes           |
| CLIP no Screening            | yes                 |
| COLP                         | no                  |
| Call Forwarding (302)        | no                  |
| DTMF (RFC2833/4733)          | yes                 |
| Codecs G711/G729             | yes / no            |
| T.38 Fax                     | optional            |
| secure trunk                 | no                  |

#### Remarks:

- The EasyFone SIP Trunk requires a static public IP address.
- The possibility of sending or receiving T.38 faxes depends on the characteristics of the remote station and the transmission may take place with G.711.
- Automatic use of the backup SIP trunk is currently not supported.



### 3.13.11. [ecotel sipTrunk 2.0](#)



| System                       | OSBiz              |
|------------------------------|--------------------|
| Released with Version        | V3R1.2             |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes - single trunk |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | yes <sup>1)</sup>  |
| COLP                         | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / no           |
| T.38 Fax                     | no                 |
| Secure trunk                 | no                 |

#### Remarks:

- <sup>1)</sup> CLIP no screening needs to be booked

### 3.13.12. [ennit](#)

Profile maintained for existing installations.

A new profile with updated settings is available “TNG Stadtnetz”

### 3.13.13. [envia TEL](#)



| System                            | OpenScape Business                 |
|-----------------------------------|------------------------------------|
| Released with Version             | V3R2                               |
| <i>envia TEL enVoice IP range</i> | <b>Features &amp; Capabilities</b> |
| Account (DID/Client)              | DID                                |
| Multisite                         | no                                 |
| CLIP / CLIR                       | yes                                |
| CLIP no Screening                 | yes <sup>1)</sup>                  |
| COLP                              | yes                                |
| Call Forwarding (302)             | no                                 |
| DTMF (RFC2833/4733)               | yes                                |
| Codecs G711                       | yes                                |
| Codecs G729                       | no                                 |
| T.38 Fax                          | no                                 |
| Secure trunk                      | no                                 |

#### Anmerkungen:

<sup>1)</sup> CLIP no Screening ist ein kostenpflichtiges Leistungsmerkmal und muss gesondert beauftragt werden. Die Nutzung ist im Profil voreingestellt.

### 3.13.14. [equada](#)

| System                  | OsBiz            |
|-------------------------|------------------|
| Supported since version | V2_R0.3.11<br>24 |
| <b>Provider</b>         |                  |
| SIP DID account         | √                |
| SIP Client account      | √                |
| <b>Features</b>         |                  |
| CLIP / CLIR             | √                |
| COLP                    | -                |
| DTMF (RFC 2833)         | √                |
| Codecs G.711/G.729      | √ / -            |
| T.38 Fax                | √                |

### 3.13.15. [ewe](#)

The profile is valid for **EWE** (<https://www.ewe.de/>), **swb** (<https://www.swb.de/>) and **osnatel** (<https://www.osnatel.de/>).



| System                      | OpenScape Business                   |
|-----------------------------|--------------------------------------|
| Released with Version       | V2R6                                 |
| update                      | V3R3                                 |
| <b>EWE Voice+ SIP Trunk</b> | Features & Capabilities              |
| Account (DID/Client)        | <i>DID</i>                           |
| Multisite                   | <i>dedicated trunk <sup>1)</sup></i> |
| CLIP / CLIR                 | <i>yes / yes</i>                     |
| CLIP no Screening           | <i>yes <sup>2)</sup></i>             |
| COLP                        | <i>yes</i>                           |
| Call Forwarding (302)       | <i>yes</i>                           |
| DTMF (RFC2833/4733)         | <i>yes</i>                           |
| Codecs G722/G711/G729       | <i>yes /yes / no</i>                 |
| T.38 Fax                    | <i>yes <sup>3)</sup></i>             |
| Secure trunk                | <i>no</i>                            |

#### Remarks:

<sup>1)</sup> Depending on customers Call Attempts per Second „Multisite“ is available for a second trunk and requires confirmation of EWE TEL GmbH.

<sup>2)</sup> Clip no Screening needs to be activated by the provider.

<sup>3)</sup> T.38 is support in transport mode only. If a destination supports T.38 fax will be transported in T.38, if interworking to TDM is needed or destination does not support T.38 the fax is transmitted by G.711.

### 3.13.16. [Gamma](#)

| System                | OpenScape Business      |
|-----------------------|-------------------------|
| Released with Version | V3R3                    |
| <b>Gamma NGN (DE)</b> | Features & Capabilities |
| Account (DID/Client)  | DID                     |
| Multisite             | yes - dedicated trunk   |
| CLIP / CLIR           | yes / yes               |
| CLIP no Screening     | yes                     |
| COLP                  | no                      |
| Call Forwarding (302) | no                      |
| DTMF (RFC2833/4733)   | yes                     |
| Codecs G711/G729      | yes / no                |
| T.38 Fax              | yes                     |
| Secure trunk          | no                      |



#### Remarks:

T.38 is not released with OpenScape Business V3R3.

### 3.13.17. [gmx](#)

| System                  | OSBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / ?     |
| T.38 Fax                | -         |

### 3.13.18. [gnTel](#)

for details on gnTel see the table gnTel



### 3.13.19. [Helinet](#)

| System                  | OpenScape Business |
|-------------------------|--------------------|
| Released with Version   | V3R3               |
| Features & Capabilities |                    |
| Account (DID/Client)    | DID                |
| Multisite               | no                 |
| CLIP / CLIR             | yes                |
| CLIP no Screening       | yes <sup>1)</sup>  |
| COLP                    | yes                |
| Call Forwarding (302)   | yes                |
| DTMF (RFC2833/4733)     | yes                |
| Codecs G711/G729        | yes / no           |
| T.38 Fax                | no                 |
| Secure trunk            | no                 |



#### Remarks:

<sup>1)</sup> CLIP no Screening can be booked optional

### 3.13.20. HFO - Germany

| System                  | OsBiz            |
|-------------------------|------------------|
| Supported since version | V2_R0.3.11<br>24 |
| Provider                |                  |
| SIP DID account         | √                |
| SIP Client account      | √                |
| Features                |                  |
| CLIP / CLIR             | √                |
| COLP                    | -                |
| DTMF (RFC 2833)         | √                |
| Codecs G.711/G.729      | √ / -            |
| T.38 Fax                | √                |

For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. HFO can handle SIP traffic on port 5060 only. Due to this limitation, the external SIP port in Openscape Business **MUST** be configured to 5060.

### 3.13.21. HL komm



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R3                   |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| CLIP no Screening            | yes <sup>1)</sup>      |
| COLP                         | -                      |
| Call Forwarding (302)        | yes                    |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / -                |
| T.38 Fax                     | -                      |
| Secure trunk                 | no                     |

### 3.13.22. [http](#)



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V2R6.2            |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID               |
| Multisite                    | ??                |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes <sup>1)</sup> |
| COLP                         | no                |
| Call Forwarding (302)        | yes               |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / no          |
| T.38 Fax                     | yes               |
| Secure trunk                 | no                |

#### Remarks:

http delivers an access device, IP address of access device needs to be configured as Proxy and Registrar

<sup>1)</sup> Clip no Screening needs to be booked at http.

| System                  | OpenScape Business |
|-------------------------|--------------------|
| Released with Version   | V3R3               |
| Features & Capabilities |                    |
| Account (DID/Client)    | DID                |
| Multisite               | no                 |
| CLIP / CLIR             | yes                |
| CLIP no Screening       | yes                |
| COLP                    | yes                |
| Call Forwarding (302)   | yes                |
| DTMF (RFC2833/4733)     | yes                |
| Codecs G711/G729        | yes / no           |
| T.38 Fax                | yes                |
| Secure trunk            | no                 |

#### Remarks:

**http Business Flex SIP-Trunk smart** is released for following OpenScape Business variants:

- OpenScape Business V3 Mainboard Family
- OpenScape Business S

### 3.13.23. [Inexio](#)



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R5.1                 |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| CLIP no Screening            | yes                    |
| COLP                         | no                     |
| Call Forwarding (302)        | yes                    |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / yes              |
| T.38 Fax                     | yes                    |
| Secure trunk                 | no                     |



### 3.13.24. [komroVoIP-Trunk](#)



|                                    |                    |
|------------------------------------|--------------------|
| <b>System</b>                      | OpenScape Business |
| <b>Released with Version</b>       | V3R3               |
| <b>Features &amp; Capabilities</b> |                    |
| <b>Account (DID/Client)</b>        | DID                |
| <b>Multisite</b>                   | yes - single trunk |
| <b>CLIP / CLIR</b>                 | yes                |
| <b>CLIP no Screening</b>           | yes <sup>1)</sup>  |
| <b>COLP</b>                        | no                 |
| <b>Call Forwarding (302)</b>       | yes                |
| <b>DTMF (RFC2833/4733)</b>         | yes                |
| <b>Codecs G711/G729</b>            | yes / no           |
| <b>T.38 Fax</b>                    | yes <sup>2)</sup>  |
| <b>Secure trunk</b>                | no                 |

**Remarks:**

<sup>1)</sup> CLIP no Screening can be booked optional

<sup>2)</sup> The option of sending or receiving T.38 faxes depends on the properties of the remote station and is only available within the komro network and only for IP system connections with an activated T.38 codec.

### 3.13.25. **M-Net Premium**



| System                                  | OSBiz  |
|---|--|
| Released with Version                   | V2R3.1   |
| <b>ITSP Features &amp; Capabilities</b> |  |
| Account (DID/Client)                    | DID  |
| Multisite                               | Not Supported by OSBiz<br>(dedicated transport needed) |
| CLIP / CLIR                             | yes / yes  |
| COLP                                    | no   |
| CLIP no Screening                       | yes (with costs)                                       |
| Call Forwarding (302)                   | yes  |
| DTMF (RFC2833/4733)                     | yes  |
| Codecs G711/G729                        | yes / yes  |
| T.38 Fax                                | no   |
| Secure Trunk                            | released later   |

#### Remarks:

If the Calling Party Number should be forwarded in case of diversion, CLIP no Screening needs to be booked as an optional feature.

For details see the configuration guide in wiki

### 3.13.26. **MK Netzdienste**



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V2R0      |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | ?         |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | no        |
| Call Forwarding (302)        | no        |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / yes |
| T.38 Fax                     | yes       |
| Secure trunk                 | no        |

**Remarks:**

Clip no Screening needs to be booked at provider.

**Updated profile with V2R6.2 available**

### 3.13.27. NetCologne ProPhone SIP



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V2R7      |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | no        |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | yes       |
| Call Forwarding (302)        | yes       |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / yes |
| T.38 Fax                     | no        |
| Secure trunk                 | no        |

#### Remarks:

OpenScope Business must be connected with a dedicated VoIP router using the WAN interface in TCP/IP mode. Internet traffic needs to be routed via a different router. See the configuration description for details.

### 3.13.28. NetCom BW



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V2R6              |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID <sup>1)</sup> |
| Multisite                    | no                |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes               |
| COLP                         | no                |
| Call Forwarding (302)        | yes               |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / no          |
| T.38 Fax                     | no                |
| Secure trunk                 | no                |

#### Remarks:

<sup>1)</sup> = without registration

Netcom BW delivers an access device, the IP-address of the access device needs to be configured, thus the profile needs to be completed during configuration of the system

For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. To ensure symmetric UDP traffic without registration the external SIP port in Openscape Business MUST be configured to 5060.

UC is not tested and released with Netcom BW

### 3.13.29. NFON



| System                       | OSBiz                          |
|------------------------------|--------------------------------|
| Released with Version        | V2R3.1                         |
| ITSP Features & Capabilities |                                |
| Account (DID/Client)         | DID                            |
| Multisite                    | no yet available / coming soon |
| CLIP / CLIR                  | yes / yes                      |
| COLP                         | no                             |
| CLIP no Screening            | yes                            |
| Call Forwarding (302)        | no                             |
| DTMF (RFC2833/4733)          | yes                            |
| Codecs G711/G729             | yes / no                       |
| T.38 Fax                     | yes                            |

### 3.13.30. O2 All-IP Voice SIP

| System                       | OSBiz                                  |
|------------------------------|--|
| Released with                | V2R2.2                                 |
| ITSP Features & Capabilities |  |
| Account (DID/Client)         | DID                                    |
| Multisite                    | multiple registration performed by CNG |
| CLIP / CLIR                  | yes / yes                              |
| COLP                         | yes                                    |
| DTMF (RFC2833/4733)          | yes                                    |
| Codecs G711/G729             | yes / yes                              |
| T.38 Fax                     | - <sup>1)</sup>                        |

#### Remarks:

O<sub>2</sub> delivers a Corporate Network Gateway (CNG) which is used to terminate the SIP trunk. OpenScape Business cannot be connected directly without CNG (using the O<sub>2</sub> Gm-Interface)

OpenScape Business must be connected with the CNG using the WAN interface in TCP/IP mode.

During setup of the ITSP trunk the customer specific CNG IP address needs to be configured in OpenScape Business.

For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. The CNG can handle SIP traffic on port 5060 only. Due to this limitation, the external SIP port in OpenScape Business **MUST** be configured to 5060.

<sup>1)</sup> T.38 is support in transport mode only. If a destination supports T.38 fax will be transported in T.38, if interworking to TDM is needed or destination does not support T.38 the fax is transmitted by G.711

### 3.13.31. [omnidat](#)



| System                                  | OSBiz                                       |
|---|---|
| Released with Version                   | V3  |
| <b>ITSP Features &amp; Capabilities</b> |   |
| Account (DID/Client)                    | DID   |
| Multisite                               | <i>yes (registration for each location)</i> |
| CLIP / CLIR                             | yes / yes                                   |
| CLIP no Screening                       | yes   |
| COLP                                    | no  |
| Call Forwarding (302)                   | no  |
| DTMF (RFC2833/4733)                     | yes   |
| Codecs G711/G729                        | yes / no                                    |
| T.38 Fax                                | yes   |
| Secure trunk                            | no  |

#### Remarks:

Clip no Screening needs to be booked and payed:

### 3.13.32. [Peoplefone AG \(DE\)](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R0.3.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |



### 3.13.33. PhoneVoice



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R5      |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | no        |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | no        |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / no  |
| T.38 Fax                                | yes       |
| Secure trunk                            | no        |

### 3.13.34. purtel



| System                                  | OSBiz  |
|---|--|
| Released with Version                   | V1R1   |
| <b>ITSP Features &amp; Capabilities</b> |  |
| Account (DID/Client)                    | DID  |
| Multisite                               | yes  |
| CLIP / CLIR                             | yes / yes                                    |
| CLIP no Screening                       | Yes <sup>1)</sup>                            |
| COLP                                    | no   |
| Call Forwarding (302)                   | no   |
| DTMF (RFC2833/4733)                     | yes  |
| Codecs G711/G729                        | yes / yes                                    |
| T.38 Fax                                | no<br>T.38 Fax service stopped on 01.01.2020 |
| Secure trunk                            | no   |

#### Remarks:

Customer specific profile entries are needed for Domain name, Registrar and Proxy.

<sup>1)</sup> CLIP no screening must be activated in customer portal

**Updated profile with V2R7.1 available**

### 3.13.35. [Plusnet IPfonie Extended](#)

plusnet

| System                  | OsBiz                           |
|-------------------------|---------------------------------|
| Supported since version | QSC: V1_R1.1.0<br>Plusnet: V2R7 |
| Provider                |                                 |
| IPfonie (DID)           | √                               |
| SIP Client account      | -                               |
| Features                |                                 |
| CLIP / CLIR             | √                               |
| COLP                    | -                               |
| DTMF (RFC 2833)         | √                               |
| Codecs G.711/G.729      | √ / √                           |
| T.38 Fax                | √                               |

Plusnet IPfonie extended replaces the previously used QSC profile which is not longer available.

### 3.13.36. [Plusnet IPfonie Extended Connect](#)

plusnet

| System                       | OSBiz                        |
|------------------------------|------------------------------|
| Released with Version        | QSC: V1R3.1<br>Plusnet: V2R7 |
| ITSP Features & Capabilities |                              |
| Account (DID/Client)         | DID                          |
| Multisite                    | yes (single registration)    |
| CLIP / CLIR                  | yes / yes                    |
| CLIP no Screening            | yes                          |
| COLP                         | no                           |
| Call Forwarding (302)        | no                           |
| DTMF (RFC2833/4733)          | yes <sup>1)</sup>            |
| Codecs G711/G729             | yes / yes                    |
| T.38 Fax                     | yes                          |
| Secure trunk                 | yes (but not yet released)   |

#### Remarks:

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints **MUST** be configured accordingly

Plusnet has taken over all activities from QSC AG. By end of 2019 Plusnet is no longer allowed to use the QSC brand. Thus new profiles are available in OpenScape Business. Please check the configuration document and the information you have received from Plusnet.

### 3.13.37. [reventix](#)



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V2R6.2            |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID               |
| Multisite                    | yes <sup>1)</sup> |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes               |
| COLP                         | no                |
| Call Forwarding (302)        | yes               |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / no          |
| T.38 Fax                     | yes               |
| Secure trunk                 | no                |

#### Remarks:

<sup>1)</sup> Depending on customer needs one or several registrations are used.

### 3.13.38. [rgi VoIP Trunk 200](#)



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V3R1.2    |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | no        |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | no        |
| Call Forwarding (302)        | no        |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / yes |
| T.38 Fax                     | no        |
| Secure trunk                 | no        |

### 3.13.39. R-Kom



| System                                  | OSBiz                   |
|---|-------------------------|
| Released with Version                   | V3                      |
| <b>ITSP Features &amp; Capabilities</b> |                         |
| Account (DID/Client)                    | DID                     |
| Multisite                               | no                      |
| CLIP / CLIR                             | yes / yes               |
| CLIP no Screening                       | yes (needs to be payed) |
| COLP                                    | no                      |
| Call Forwarding (302)                   | yes                     |
| DTMF (RFC2833/4733)                     | yes                     |
| Codecs G711/G729                        | yes / no                |
| T.38 Fax                                | yes                     |
| Secure trunk                            | no                      |

### 3.13.40. sipgate

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| sipgate trunking (DID)  | √         |
| sipgate basic (MSN)     | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.13.41. Steffel-Voice



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R7      |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | yes       |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | yes       |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | yes       |
| Secure trunk                            | no        |

**Remarks:**

Clip no Screening need to be configured/booked at ITSP.

**Updated profile with V2R7.1 available**

### 3.13.42. Tele AG



| System                                  | OSBiz                  |
|---|------------------------|
| Released with Version                   | V3                     |
| <b>ITSP Features &amp; Capabilities</b> |                        |
| Account (DID/Client)                    | DID <sup>1)</sup>      |
| Multisite                               | yes - dedicated trunks |
| CLIP / CLIR                             | yes / yes              |
| CLIP no Screening                       | yes <sup>2)</sup>      |
| COLP                                    | no                     |
| Call Forwarding (302)                   | yes                    |
| DTMF (RFC2833/4733)                     | yes                    |
| Codecs G711/G729                        | yes / no               |
| T.38 Fax                                | no                     |
| Secure trunk                            | no                     |

#### Remarks:

<sup>1)</sup> The certification is valid for the Tele AG SIP Trunk product. Other products (e.g. MSN based) are available but not yet certified with OpenScape Business.

<sup>2)</sup> Clip no Screening needs to be booked at Tele AG

### 3.13.43. TeleData



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R5.1                 |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| CLIP no Screening            | yes <sup>1)</sup>      |
| COLP                         | no                     |
| Call Forwarding (302)        | no                     |
| DTMF (RFC2833/4733)          | no <sup>2)</sup>       |
| Codecs G711/G729             | yes / no               |
| T.38 Fax                     | yes                    |
| Secure trunk                 | no                     |

**Remarks:**

<sup>1)</sup> optional feature, needs to be booked at TeleData

<sup>2)</sup> TeleData does not provide media gateways, thus the support of RFC2833 telephone events depends on the connection partner. **UC-Suite cannot be released with this ITSP.**

### 3.13.44. Telekom CompanyFlex SIP Trunk



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R7.1                 |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | DID                    |
| Multisite                    | yes - dedicated trunks |
| CLIP / CLIR                  | yes / yes              |
| CLIP no Screening            | yes <sup>1)</sup>      |
| COLP                         | yes                    |
| Call Forwarding (302)        | yes                    |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / yes              |
| T.38 Fax                     | yes                    |
| Secure trunk                 | yes                    |

**Remarks:**

<sup>1)</sup> Clip no Screening needs to be booked at ITSP (please check configuration document)

The Telekom CompanyFlex SIP-Trunk profile is also suitable for the *T-Systems Corporate CompanyFlex* product offered by T-Systems as all trunks are operated on the same platform:



### 3.13.45. Telekom IP-As mit MSN



| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R2.1 |
| Provider                |         |
| SIP DID account         | -       |
| SIP Client account      | √       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -       |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / √   |
| T.38 Fax                | -(P)    |

The *Telekom IP-As mit MSN* profile is suitable for the following products offered by Telekom and T-Systems as all trunks are operated on the same platform :

**3.13.45.1. Telekom DeutschlandLAN IP Start**

**3.13.45.2. Telekom DeutschlandLAN IP Voice/Data**

**3.13.45.3. T-Systems Corporate call Start**

**3.13.45.4. T-Systems Corporate IP Voice/Data**

### 3.13.46. Telekom DeutschlandLAN SIP-Trunk Registered Mode



| System                                  | OSBiz                  |
|---|------------------------|
| Released with Version                   | V2R2                   |
| <b>ITSP Features &amp; Capabilities</b> |                        |
| Account (DID/Client)                    | DID                    |
| Multisite                               | yes - dedicated trunks |
| CLIP / CLIR                             | yes / yes              |
| COLP                                    | no                     |
| CLIP no Screening                       | yes (with costs)       |
| Call Forwarding (302)                   | yes                    |
| DTMF (RFC2833/4733)                     | yes                    |
| Codecs G711/G729                        | yes / yes              |
| T.38 Fax                                | yes <sup>2)</sup>      |
| Secure Trunk                            | yes                    |

#### Remarks:

- <sup>1)</sup> T.38 is support in transport mode only. If a destination supports T.38 fax will be transported in T.38, if interworking to TDM is needed or destination does not support T.38 the fax is transmitted by G.711

The Telekom DeutschlandLAN SIP-Trunk profile is suitable for the following products offered by T-Systems as all trunks are operated on the same platform.

### 3.13.47. [TelemaxX](#)



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V3R0.1    |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | yes       |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | yes       |
| Call Forwarding (302)        | yes       |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / no  |
| T.38 Fax                     | yes       |
| Secure trunk                 | yes       |

#### Remarks:

TelemaxX delivers an access device which must be connected to the WAN interface. Please check the configuration hints about static route configuration.

### 3.13.48. **T-Systems Corporate SIP Trunk**

Individual profile for the specific customer requirements based on a Project Specific Release.

Please contact: [osbiz-certification@atos.net](mailto:osbiz-certification@atos.net).



### 3.13.49. teliko



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V2R7.1            |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID               |
| Multisite                               | yes               |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes <sup>1)</sup> |
| COLP                                    | no                |
| Call Forwarding (302)                   | yes               |
| DTMF (RFC2833/4733)                     | yes               |
| Codecs G711/G729                        | yes / no          |
| T.38 Fax                                | no <sup>2)</sup>  |
| Secure trunk                            | no                |

**Remarks:**

<sup>1)</sup> Clip no Screening need to be booked at Teliko

<sup>2)</sup> For best interoperability T.38 MUST be deactivated in the OpenScape Business system

### 3.13.50. [TNG Stadtnetz](#)



| System                                  | OSBiz                  |
|---|------------------------|
| Released with Version                   | V2R7                   |
| <b>ITSP Features &amp; Capabilities</b> |                        |
| Account (DID/Client)                    | DID                    |
| Multisite                               | yes - dedicated trunks |
| CLIP / CLIR                             | yes / yes              |
| CLIP no Screening                       | yes                    |
| COLP                                    | no                     |
| Call Forwarding (302)                   | yes <sup>1)</sup>      |
| DTMF (RFC2833/4733)                     | yes                    |
| Codecs G711/G729                        | yes / no               |
| T.38 Fax                                | yes                    |
| Secure trunk                            | no                     |

#### Remarks:

<sup>1)</sup> Call deflection needs to be booked at TNG

Profile is used for different carriers; thus domain, proxy and registrar need to be configured manually. See configuration description.

TNG must configure "national number format" of calling party for incoming local calls. The TNG default of "local number format" is not supported by OpenScape Business.

### 3.13.51. [Toplink](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.13.52. Unitymedia



| System                       | OSBiz                   |
|------------------------------|-------------------------|
| Released with Version        | V3                      |
| ITSP Features & Capabilities |                         |
| Account (DID/Client)         | DID                     |
| Multisite                    | yes                     |
| CLIP / CLIR                  | yes / yes               |
| CLIP no Screening            | yes                     |
| COLP                         | no                      |
| Call Forwarding (302)        | no                      |
| DTMF (RFC2833/4733)          | yes                     |
| Codecs G711/G729             | yes / yes <sup>1)</sup> |
| T.38 Fax                     | yes                     |
| Secure trunk                 | no                      |

#### Remarks:

<sup>1)</sup> G729 only endpoints are not supported due to problems with transfer scenarios.

### 3.13.53. Vodafone Anlagenanschluss R4



| System                                  | OSBiz   |
|---|---|
| Released with Version                   | V2R7<br>update with V3R2                                      |
| <b>ITSP Features &amp; Capabilities</b> |   |
| Account (DID/Client)                    | DID <sup>1)</sup>   |
| Multisite                               | yes   |
| CLIP / CLIR                             | yes / yes   |
| CLIP no Screening                       | yes   |
| COLP                                    | yes   |
| Call Forwarding (302)                   | yes   |
| DTMF (RFC2833/4733)                     | yes   |
| Codecs G711/G729                        | yes / no  |
| T.38 Fax                                | optional <sup>2)</sup><br>only for SIP end-to-end connections |
| Secure trunk                            | yes <sup>3)</sup>   |

#### Remarks:

<sup>1)</sup> without registration

<sup>2)</sup> The option of sending or receiving T.38 faxes depends on the properties of the remote station and is only available within the Vodafone network and only for IP system connections with an activated T.38 codec. T.38 in conjunction with encryption is not practically possible since T.38 terminals generally use UDPTL and not RTP.

<sup>3)</sup> requires manual setting in expert mode (since V3R2)

Vodafone will use customer specific server addresses; thus the profile needs to be completed during configuration of the system

For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. You have to either request the usage of port 5070 at Vodafone or configure the external SIP port = 5060 in OpenScape Business.

**Please check the configuration description available in Wiki.**



### 3.13.54. Vodafone Anlagenanschluss R5



|                                    |   |
|------------------------------------|---|
| <b>System</b>                      | OpenScape Business                              |
| <b>Released with Version</b>       | V3R3  |
| <b>Features &amp; Capabilities</b> |   |
| <b>Account (DID/Client)</b>        | DID   |
| <b>Multisite</b>                   | yes - single trunk                              |
| <b>CLIP / CLIR</b>                 | yes   |
| <b>CLIP no Screening</b>           | yes   |
| <b>COLP</b>                        | yes   |
| <b>Call Forwarding (302)</b>       | yes   |
| <b>DTMF (RFC2833/4733)</b>         | yes   |
| <b>Codecs G711/G729</b>            | yes   |
| <b>T.38 Fax</b>                    | optional<br>only for SIP end-to-end connections |
| <b>Secure trunk</b>                | yes   |

#### Remarks:

The option of sending or receiving T.38 faxes depends on the properties of the remote station and is only available within the Vodafone network and only for IP system connections with an activated T.38 codec. T.38 in conjunction with encryption is not practically possible since T.38 terminals generally use UDPTL and not RTP.

### 3.13.55. [Voiceworks DE](#)



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V3R1      |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | yes       |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | no        |
| Call Forwarding (302)        | no        |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes /no   |
| T.38 Fax                     | yes       |
| Secure trunk                 | no        |

### 3.13.56. [wilhelm.tel](https://www.wilhelm.tel)



| System                                  | OSBiz            |
|---|------------------|
| Released with Version                   | V3               |
| <b>ITSP Features &amp; Capabilities</b> |                  |
| Account (DID/Client)                    | DID              |
| Multisite                               | no               |
| CLIP / CLIR                             | yes / yes        |
| CLIP no Screening                       | yes              |
| COLP                                    | no               |
| Call Forwarding (302)                   | no <sup>1)</sup> |
| DTMF (RFC2833/4733)                     | yes              |
| Codecs G711/G729                        | yes / no         |
| T.38 Fax                                | no <sup>2)</sup> |
| Secure trunk                            | no               |

#### Remarks:

- <sup>1)</sup> 302 is supported by wilhelm.tel but the required signaling variant (different call number formats in 302 and basic call) is not supported by OpenScape Business
- <sup>2)</sup> T.38 MUST be deactivated in the system (see configuration document)

### 3.13.57. wittenberg-net GmbH

|                              |                                    |
|------------------------------|------------------------------------|
| <b>System</b>                | OpenScape Business                 |
| <b>Released with Version</b> | <b>V3R3</b>                        |
| <b>wittenberg-net GmbH</b>   | <b>Features &amp; Capabilities</b> |
| <b>Account (DID/Client)</b>  | <i>DID</i>                         |
| <b>Multisite</b>             | <i>yes - dedicated trunk</i>       |
| <b>CLIP / CLIR</b>           | <i>yes</i>                         |
| <b>CLIP no Screening</b>     | <i>yes <sup>1)</sup></i>           |
| <b>COLP</b>                  | <i>yes</i>                         |
| <b>Call Forwarding (302)</b> | <i>yes</i>                         |
| <b>DTMF (RFC2833/4733)</b>   | <i>yes</i>                         |
| <b>Codecs G711/G729</b>      | <i>yes / no</i>                    |
| <b>T.38 Fax</b>              | <i>no</i>                          |
| <b>Secure trunk</b>          | <i>no</i>                          |



**Remarks:**

<sup>1)</sup> CLIP no Screening is optional and can be booked to show the calling party number with call forwarding.

Call data is recorded centrally for the account.

### 3.13.58. WOBCOM



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V3                |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID <sup>1)</sup> |
| Multisite                               | no                |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes               |
| COLP                                    | no                |
| Call Forwarding (302)                   | yes               |
| DTMF (RFC2833/4733)                     | yes <sup>2)</sup> |
| Codecs G711/G729                        | yes / no          |
| T.38 Fax                                | no <sup>3)</sup>  |
| Secure trunk                            | no                |

#### Remarks:

- <sup>1)</sup> WOBCOM offers DID (Anlagenanschluß) and MSN (Teilnehmeranschluß) type of trunks. The certification is valid for the DID type only.
- <sup>2)</sup> RFC2833 is randomly supported. RFC2833 was not offered in several testcases during certification testing, thus UC is not released with WOBCOM. Please check the configuration document for limitations.
- <sup>3)</sup> T.38 must be deactivated in the system

## 3.14. Greece

### 3.14.1. COSMOTE



| System                  | OsBiz         |
|-------------------------|---------------|
| Supported since version | V2_R2.0.1_251 |
| Provider                |               |
| SIP DID account         | √             |
| SIP Client account      | -             |
| Features                |               |
| CLIP / CLIR             | √             |
| COLP                    | √             |
| DTMF (RFC 2833)         | √             |
| Codecs G.711/G.729      | √ / √         |
| T.38 Fax                | √             |
| Multisite               | -1)           |

1): Not supported by the country specifications

## 3.15. Hungary

### 3.15.1. [Netfone Telecom](#)



| System                       | OSBiz                  |
|------------------------------|------------------------|
| Released with Version        | V2R5.1                 |
| ITSP Features & Capabilities |                        |
| Account (DID/Client)         | Client                 |
| Multisite                    | yes                    |
| CLIP / CLIR                  | yes/ yes <sup>1)</sup> |
| CLIP no Screening            | no                     |
| COLP                         | no                     |
| Call Forwarding (302)        | no                     |
| DTMF (RFC2833/4733)          | yes                    |
| Codecs G711/G729             | yes / yes              |
| T.38 Fax                     | no <sup>2)</sup>       |
| Secure trunk                 | no                     |

#### Remarks:

<sup>1)</sup> CLIR is supported through service code towards ITSP.

<sup>2)</sup> T.38 is not supported by Netfone and MUST be deactivated in the system.

## 3.16. Hong Kong

### 3.16.1. [Hong Kong Broadband Network](#)



| System                       | OSBiz               |
|------------------------------|---------------------|
| Released with Version        | V2R3                |
| ITSP Features & Capabilities |                     |
| Account (DID/Client)         | DID                 |
| Multisite                    |                     |
| CLIP / CLIR                  | √ / - <sup>1)</sup> |
| COLP                         | -                   |
| DTMF (RFC2833/4733)          | √                   |
| Codecs G711/G729             | √ / √               |
| T.38 Fax                     | √ <sup>2)</sup>     |

#### Remarks:

<sup>1)</sup> CLIR settings in profile are set properly, however provider ignores them at the moment and use another way to activate the CLIR for outgoing calls. See configuration example

<sup>2)</sup> Problem with UC fax calls when other party has ECM enabled. Although the negotiation in T38 is done with ECM off, it looks that somehow ITSP still expects (ECM). Investigated in ITSP side. When ECM is disabled at other side, then problem is not occurring any more.



### 3.16.2. [HGC](#)

| System                       | OSBiz                   |
|------------------------------|-------------------------|
| Released with Version        | V2R5                    |
| ITSP Features & Capabilities |                         |
| Account (DID/Client)         | DID                     |
| Multisite                    | no                      |
| CLIP / CLIR                  | yes / yes <sup>1)</sup> |
| CLIP no Screening            | no                      |
| COLP                         | no                      |
| Call Forwarding (302)        | no                      |
| DTMF (RFC2833/4733)          | yes                     |
| Codecs G711/G729             | yes / yes <sup>2)</sup> |
| T.38 Fax                     | no <sup>3)</sup>        |
| Secure trunk                 | no                      |

#### Remarks:

<sup>1)</sup> CLIR is supported only with dialing the prefix '133' in front of the external number.

<sup>2)</sup> Officially ITSP is not supporting G729 (annexb=no) but can be offered under customer specific request. Codec is still available in SDP.

<sup>3)</sup> T38 is not officially supported. However, for incoming Fax calls, OSBiz renegotiates for T38 and ITSP may accept it.

Please read the configuration documentation for the following special settings required for correct operation :

- VAD MUST be activated for all codes at VoiceGateway settings
- Redundant Transmission of RFC2833 MUST be disabled (default since V2R5)
- SIP\_EXT port MUST be changed to 5061
- Incoming call To header conveys only the subscriber number

## 3.17. Italy

### 3.17.1. [Broadcloud](#)

see Broadcloud Germany - **France** - **Italy** - **UK** - **Australia** - **USA**

### 3.17.2. [Infracom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | -         |

Note:

There is an open issue with displaying international number format. Display, caller list and callback are not working correctly, because provider is not sending this in standard format.

### 3.17.3. [TWT](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √ / -     |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √         |

### 3.17.4. [Viatek](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | √ *1)     |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

\*1) manual configuration of SIP server addresses necessary

## 3.18. Lichtenstein

### 3.18.1. [FL1 Telecom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R2.0.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      |           |
| Features                |           |
| CLIP / CLIR             | √/√       |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |
| Multisite               | √ *2)     |

\*1) manual configuration of SIP server addresses necessary

\*2) Supported, single registration can handle all sites (but not tested)

## 3.19. Luxembourg

### 3.19.1. [IPnexia](#)

for details on IPnexia see the table IPnexia Belgium



## 3.20. Mexico

### 3.20.1. [Telefonica](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

## 3.21. Netherlands

### 3.21.1. [BCOM](#)



| System                                  | OSBiz              |
|---|--------------------|
| Released with Version                   | V2R1               |
| <b>ITSP Features &amp; Capabilities</b> |                    |
| Account (DID/Client)                    | DID                |
| Multisite                               | yes                |
| CLIP / CLIR                             | yes / yes          |
| CLIP no Screening                       | yes                |
| COLP                                    | no                 |
| Call Forwarding (302)                   | yes (since V2R5.1) |
| DTMF (RFC2833/4733)                     | yes                |
| Codecs G711/G729                        | yes / yes          |
| T.38 Fax                                | no                 |
| Secure trunk                            | no                 |

### 3.21.2. [BLU Networks](#)



| System                                  | OSBiz                 |
|---|-----------------------|
| Released with Version                   | V2R2 / update in V2R7 |
| <b>ITSP Features &amp; Capabilities</b> |                       |
| Account (DID/Client)                    | DID                   |
| Multisite                               | yes                   |
| CLIP / CLIR                             | yes / yes             |
| CLIP no Screening                       | yes                   |
| COLP                                    | no                    |
| Call Forwarding (302)                   | no                    |
| DTMF (RFC2833/4733)                     | yes                   |
| Codecs G711/G729                        | yes / yes             |
| T.38 Fax                                | yes                   |
| Secure trunk                            | no                    |

#### Remarks:

Profile update with V2R7

### 3.21.3. [Deanconnect B.V.](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.21.4. [gnTel](#)



| System                       | OSBiz                                      |
|------------------------------|--|
| Released with Version        | V2R3                                       |
| ITSP Features & Capabilities |  |
| Account (DID/Client)         | DID  |
| Multisite                    | Yes / single registration for all sites 1) |
| CLIP / CLIR                  | yes / yes                                  |
| CLIP no Screening            | yes  |
| COLP                         | no   |
| Call Forwarding (302)        | yes  |
| DTMF (RFC2833/4733)          | yes  |
| Codecs G711/G729             | yes / yes 2)                               |
| T.38 Fax                     | yes  |
| Secure trunk                 | Not yet released with OSBiz                |

#### Remarks:

- 1) Emergency calls are routed based on the calling party number
- 2) G.729 is available as an option which needs one time payment

### 3.21.5. [infopact](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                |           |

### 3.21.6. [KPN VoiPConnect,](#)



| System                  | OsBiz         |
|-------------------------|---------------|
| Supported since version | V2 R2.1.0_262 |
| Provider                |               |
| SIP DID account         | √             |
| SIP Client account      | -             |
| Features                |               |
| CLIP / CLIR             | √/√           |
| COLP                    | -             |
| DTMF (RFC 2833)         | √             |
| Codecs G.711/G.729      | √ / -         |
| T.38 Fax                | √             |

### 3.21.7. [KPN TLS NL \(KPN EEN over TLS\)](#)



| System                       | OSBiz              |
|------------------------------|--------------------|
| Released with Version        | V3R1.2             |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes - single trunk |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | yes                |
| COLP                         | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / yes          |
| T.38 Fax                     | yes                |

|              |     |
|--------------|-----|
| Secure trunk | yes |
|--------------|-----|

### 3.21.8. [Motto Communications](#)

| System                  | OsBiz |
|-------------------------|-------|
| Supported since version | V2_R1 |
| Provider                |       |
| SIP DID account         | √     |
| SIP Client account      | √     |
| Features                |       |
| CLIP / CLIR             | √/√   |
| COLP                    | √     |
| DTMF (RFC 2833)         | √     |
| Codecs G.711/G.729      | √ / √ |
| T.38 Fax                | -     |

Note: G722 is supported by ITSP

### 3.21.9. [OneCentral](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

Note:

OneCentral is released for SIP MEX feature (available only in OSBiz since V1R3.4 and later sw version)

### 3.21.10. [OneXS](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |



### 3.21.11. [Pocos](#)



| System                                  | OSBiz              |
|---|--------------------|
| Released with Version                   | V3R1.2             |
| <b>ITSP Features &amp; Capabilities</b> |                    |
| Account (DID/Client)                    | DID                |
| Multisite                               | yes - single trunk |
| CLIP / CLIR                             | yes / yes          |
| CLIP no Screening                       | yes                |
| COLP                                    | no                 |
| Call Forwarding (302)                   | no                 |
| DTMF (RFC2833/4733)                     | yes                |
| Codecs G711/G729                        | yes / yes          |
| T.38 Fax                                | yes                |
| Secure trunk                            | no                 |

### 3.21.12. [RoutIT](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ /-      |
| T.38 Fax                | √         |

### 3.21.13. [RoutIT TLS](#)

|                                    |                    |
|------------------------------------|--------------------|
| <b>System</b>                      | OpenScape Business |
| <b>Released with Version</b>       | V3R3               |
| <b>Features &amp; Capabilities</b> |                    |
| <b>Account (DID/Client)</b>        | DID                |
| <b>Multisite</b>                   | yes - single trunk |
| <b>CLIP / CLIR</b>                 | yes                |
| <b>CLIP no Screening</b>           | yes                |
| <b>COLP</b>                        | no                 |
| <b>Call Forwarding (302)</b>       | no                 |
| <b>DTMF (RFC2833/4733)</b>         | yes                |
| <b>Codecs G711/G729</b>            | yes / no           |
| <b>T.38 Fax</b>                    | yes                |
| <b>Secure trunk</b>                | yes                |



### 3.21.14. [Scaldis B.V.](#)

|   |                    |
|---|--------------------|
| <b>System</b>                           | OSBiz              |
| <b>Released with Version</b>            | V3R1.2             |
| <b>ITSP Features &amp; Capabilities</b> |                    |
| <b>Account (DID/Client)</b>             | DID                |
| <b>Multisite</b>                        | yes - single trunk |
| <b>CLIP / CLIR</b>                      | yes / yes          |
| <b>CLIP no Screening</b>                | yes                |
| <b>COLP</b>                             | no                 |
| <b>Call Forwarding (302)</b>            | no                 |
| <b>DTMF (RFC2833/4733)</b>              | yes                |
| <b>Codecs G711/G729</b>                 | yes / yes          |
| <b>T.38 Fax</b>                         | yes                |
| <b>Secure trunk</b>                     | no                 |



### 3.21.15. [SIGNET B.V](#)

| System                  | OsBiz         |
|-------------------------|---------------|
| Supported since version | V2_R2.0.1_251 |
| Provider                |               |
| SIP DID account         | √             |
| SIP Client account      | -             |
| Features                |               |
| CLIP / CLIR             | √/√           |
| COLP                    | -             |
| DTMF (RFC 2833)         | √             |
| Codecs G.711/G.729      | √ /√          |
| T.38 Fax                | √             |
| Multisite               | √             |

### 3.21.16. [Speakup](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.21.17. [tele2](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.21.18. [T-Mobile](#)

| System                  | OsBiz        |
|-------------------------|--------------|
| Supported since version | V2_R0.3.1124 |
| Provider                |              |
| SIP DID account         | √            |
| SIP Client account      | √            |
| Features                |              |
| CLIP / CLIR             | √            |
| COLP                    | -            |
| DTMF (RFC 2833)         | √            |
| Codecs G.711/G.729      | √ / √        |
| T.38 Fax                | √            |

### 3.21.19. [Vodafone](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √-        |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.21.20. [Voiceworks NL](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | -         |

### 3.21.21. [Voiceworks MEX](#)



| System                       | OSBiz                                    |
|------------------------------|--|
| Released with Version        | V2R3                                     |
| ITSP Features & Capabilities |  |
| Account (DID/Client)         | DID                                      |
| Multisite                    | Yes / supported with single registration |
| CLIP / CLIR                  | yes / not relevant <sup>1)</sup>         |
| COLP                         | -  |
| DTMF (RFC2833/4733)          | yes                                      |
| Codecs G711/G729             | yes / no                                 |
| T.38 Fax                     | not relevant <sup>1)</sup>               |

#### Remarks:

Mobile phone integration with SIP-MEX

<sup>1)</sup> The certification is done with SIP-MEX in a mode where only SIP-MEX users could use the ITSP route. Consequently, some features (like CLIR) or calls (like fax calls) were unable to be set/used and were not relevant.

### 3.21.22. [VoipQ](#)



| System                       | OSBiz             |
|------------------------------|-------------------|
| Released with Version        | V3R0.1            |
| ITSP Features & Capabilities |                   |
| Account (DID/Client)         | DID               |
| Multisite                    | no                |
| CLIP / CLIR                  | yes / yes         |
| CLIP no Screening            | yes <sup>1)</sup> |
| COLP                         | no                |
| Call Forwarding (302)        | no                |
| DTMF (RFC2833/4733)          | yes               |
| Codecs G711/G729             | yes / no          |
| T.38 Fax                     | yes               |
| Secure trunk                 | no                |

#### Remarks:

<sup>1)</sup> deactivated in default, need to be booked at provider

### 3.21.23. [VoIPXS](#)



| System                       | OSBiz   |
|------------------------------|---|
| Released with Version        | V2R5  |
| ITSP Features & Capabilities |   |
| Account (DID/Client)         | DID   |
| Multisite                    | Yes / single registration for all sites <sup>1)</sup> |
| CLIP / CLIR                  | yes / yes   |
| CLIP no Screening            | yes   |
| COLP                         | no  |
| Call Forwarding (302)        | yes   |
| DTMF (RFC2833/4733)          | yes   |
| Codecs G711/G729             | yes / yes <sup>2)</sup>                               |
| T.38 Fax                     | yes   |
| Secure trunk                 | Not yet released with OSBiz                           |

#### Remarks:

<sup>1)</sup> Emergency calls are routed based on the calling party number

<sup>2)</sup> G.729 is available as an option which needs onetime payment

### 3.21.24. [X2COM](#)



| System                       | OSBiz              |
|------------------------------|--------------------|
| Released with Version        | V2R1               |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes                |
| CLIP / CLIR                  | yes / yes          |
| CLIP no Screening            | yes                |
| COLP                         | no                 |
| Call Forwarding (302)        | yes (since V2R5.1) |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / yes          |
| T.38 Fax                     | no                 |
| Secure trunk                 | no                 |

### 3.21.25. [Ziggo](#)

| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R3.2 |
| Provider                |         |
| SIP DID account         | √       |
| SIP Client account      | -       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -       |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / -   |
| T.38 Fax                | √       |

Ziggo is available for existing installations. The profile should not be used for new installations

### 3.21.26. [Vodafone Ziggo](#)



| System                       | OSBiz            |
|------------------------------|------------------|
| Released with Version        | V2R5.1           |
| ITSP Features & Capabilities |                  |
| Account (DID/Client)         | DID              |
| Multisite                    | yes              |
| CLIP / CLIR                  | yes / yes        |
| CLIP no Screening            | yes              |
| COLP                         | no               |
| Call Forwarding (302)        | no               |
| DTMF (RFC2833/4733)          | yes              |
| Codecs G711/G729             | yes / yes        |
| T.38 Fax                     | no <sup>1)</sup> |
| Secure trunk                 | no               |

#### Remarks:

<sup>1)</sup>T.38 is not supported by Vodafone Ziggo and MUST be deactivated in the system.



## 3.22. New Zealand

### 3.22.1. [Orcon Ltd](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.22.2. [TelstraClear](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | -         |

### 3.22.3. [voyager](#)



| System                       | OSBiz     |
|------------------------------|-----------|
| Released with Version        | V2R7      |
| ITSP Features & Capabilities |           |
| Account (DID/Client)         | DID       |
| Multisite                    | yes       |
| CLIP / CLIR                  | yes / yes |
| CLIP no Screening            | yes       |
| COLP                         | no        |
| Call Forwarding (302)        | yes       |
| DTMF (RFC2833/4733)          | yes       |
| Codecs G711/G729             | yes / no  |
| T.38 Fax                     | yes       |
| Secure trunk                 | no        |

**Remarks:**

Customer specific profile entries are needed for domain, registrar and proxy

## 3.23.Portugal

### 3.23.1. [Altice \(Portugal Telecom\)](#)



| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V2R6      |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | yes       |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | no        |
| COLP                                    | no        |
| Call Forwarding (302)                   | yes       |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | yes       |
| Secure trunk                            | no        |

#### Remarks:

For security reasons OpenScope Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. Altice handle SIP traffic on port 5060 in default, thus the external SIP port in Openscape Business MUST be configured to 5060. Please check the configuration document.

### 3.23.2. [G9 Telecom](#)



| System                                  | OSBiz              |
|---|--------------------|
| Released with Version                   | V3R2.1             |
| <b>ITSP Features &amp; Capabilities</b> |                    |
| Account (DID/Client)                    | DID                |
| Multisite                               | yes - single trunk |
| CLIP / CLIR                             | yes / yes          |
| CLIP no Screening                       | yes                |
| COLP                                    | no                 |
| Call Forwarding (302)                   | no                 |
| DTMF (RFC2833/4733)                     | yes                |
| Codecs G711/G729                        | yes / no           |
| T.38 Fax                                | no                 |
| Secure trunk                            | no                 |

### 3.23.3. [Portugal Telecom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √ / -     |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

### 3.23.4. [Vodafone](#)



| System                       | OpenScape business |
|------------------------------|--------------------|
| Released with Version        | V2R5               |
| ITSP Features & Capabilities |                    |
| Account (DID/Client)         | DID                |
| Multisite                    | yes <sup>1)</sup>  |
| CLIP / CLIR                  | yes / yes          |
| COLP                         | no                 |
| CLIP no screening            | no                 |
| Call Forwarding (302)        | no                 |
| DTMF (RFC2833/4733)          | yes                |
| Codecs G711/G729             | yes / yes          |
| T.38 Fax                     | no <sup>1)</sup>   |
| Secure trunk                 | no                 |

#### Remarks:

<sup>1)</sup> Vodafone can give different numbers from different locations in one single registration

<sup>2)</sup> T.38 is not supported by Vodafone and MUST be deactivated in the system

Vodafone will use customer specific server addresses, thus the profile needs to be completed during configuration of the system

## 3.24.Saudi Arabia

### 3.24.1. Saudi Telecom Company

| System                                  | OSBiz                   |
|---|-------------------------|
| Released with Version                   | V2R6                    |
| <b>ITSP Features &amp; Capabilities</b> |                         |
| Account (DID/Client)                    | DID <sup>1)</sup>       |
| Multisite                               | no                      |
| CLIP / CLIR                             | yes <sup>2)</sup> / yes |
| CLIP no Screening                       | no                      |
| COLP                                    | no                      |
| Call Forwarding (302)                   | no                      |
| DTMF (RFC2833/4733)                     | yes                     |
| Codecs G711/G729                        | yes / yes               |
| T.38 Fax                                | no                      |
| Secure trunk                            | no                      |

#### Remarks:

<sup>1)</sup> No registration is used

<sup>2)</sup> the calling party is represented in implicit format for national and international calls, for that reason international calls are presented with the wrong prefix in caller list and applications

Customer specific profile entries are needed for proxy address

For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. STC handle SIP traffic on port 5060 in default, thus the external SIP port in Openscape Business MUST be configured to 5060. Please check the configuration guide for details

UC is not tested and released with STC

## 3.25.Serbia

### 3.25.1. [Orion Telekom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R3.2.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

\*1) without registration

### 3.25.2. [Telenor](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R3.3.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √ / -     |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

\*1) without registration

## 3.26.Slovakia

### 3.26.1. [Slovak Telekom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

1) without registration

Restrictions from Certification:

Semi-Attended Transfer with 2 PSTN fails → ITSP error

No MoH when SIP holds PSTN fails → ITSP error

## 3.27.Slovenia

### 3.27.1. [A1 SIP Trunk](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.27.2. [Detel](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.27.3. [MegaM](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

### 3.27.4. [T-2](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

### 3.27.5. [Telemach](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |



## 3.28. South Africa

### 3.28.1. [Nashua NCN](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.28.2. [Vodacom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

## 3.29.Spain

### 3.29.1. [LCR](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.29.2. [Telecable](#)

| System                  | OsBiz  |
|-------------------------|--------|
| Supported since version | V2R1.0 |
| Provider                |        |
| SIP DID account         | √      |
| SIP Client account      | -      |
| Features                |        |
| CLIP / CLIR             | √      |
| COLP                    | -      |
| DTMF (RFC 2833)         | √      |
| Codecs G.711/G.729      | √ / √  |
| T.38 Fax                | √      |

### 3.29.3. [vozelia](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | - / √     |
| T.38 Fax                | -         |

### 3.29.4. [VozTelecom](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R2.0.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      |           |
| Features                |           |
| CLIP / CLIR             | √/√       |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |
| Multisite               | -         |

## 3.30.Sweden

### 3.30.1. [Tele2](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1      |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

\*1 no registration / static IP is used

Note: Tele2 is released for SIP MEX feature (available only in OSBiz since V1R3)

### 3.30.2. [Telia](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | -         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √ *1      |

\*1 = only outgoing

## 3.31.Switzerland

### 3.31.1. [E-fon AG](#)

| System                  | OsBiz       |
|-------------------------|-------------|
| Supported since version | V1_R3.3.553 |
| Provider                |             |
| SIP DID account         | √           |
| SIP Client account      | √           |
| Features                |             |
| CLIP / CLIR             | √           |
| COLP                    | -           |
| DTMF (RFC 2833)         | √           |
| Codecs G.711/G.729      | √ / √       |
| T.38 Fax                | -           |

### 3.31.2. [Improware](#)



| System                       | OSBiz                      |
|------------------------------|----------------------------|
| Released with Version        | V3                         |
| ITSP Features & Capabilities |                            |
| Account (DID/Client)         | DID                        |
| Multisite                    | <i>not relevant in SWZ</i> |
| CLIP / CLIR                  | yes / yes                  |
| CLIP no Screening            | yes <sup>1)</sup>          |
| COLP                         | no                         |
| Call Forwarding (302)        | yes                        |
| DTMF (RFC2833/4733)          | yes <sup>2)</sup>          |
| Codecs G711/G729             | yes / no                   |
| T.38 Fax                     | yes                        |
| Secure trunk                 | no                         |

#### Remarks:

<sup>1)</sup> Clip no Screening needs to be booked at ITSP (one time fee)

<sup>2)</sup> RFC2833 payload type MUST be set to 101 in the system

### 3.31.3. Nexphone

| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V3                |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID               |
| Multisite                               | yes               |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes               |
| COLP                                    | no                |
| Call Forwarding (302)                   | yes               |
| DTMF (RFC2833/4733)                     | yes <sup>1)</sup> |
| Codecs G711/G729                        | yes / yes         |
| T.38 Fax                                | no <sup>2)</sup>  |
| Secure trunk                            | no                |

**Remarks:**

<sup>1)</sup> Nexphone does not support RFC2833 negotiation. RFC2833 payload type MUST be configured with 101 in the system and connected SIP devices

<sup>2)</sup> T.38 MUST be deactivated in the system

### 3.31.4. Peoplefone AG (CH)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R0.3.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.31.5. [sipcall](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | -         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

ITSP certified, but no profile provided in system. Manual configuration of servers according to the ITSP description is needed using the default profile as base template.

### 3.31.6. Sunrise

**Sunrise**

| System                                  | OSBiz                        |
|---|------------------------------|
| Released with Version                   | V1R3.3<br>update with V3R0.1 |
| <b>ITSP Features &amp; Capabilities</b> |                              |
| Account (DID/Client)                    | DID                          |
| Multisite                               |                              |
| CLIP / CLIR                             | yes / yes                    |
| CLIP no Screening                       | yes                          |
| COLP                                    | no                           |
| Call Forwarding (302)                   | yes                          |
| DTMF (RFC2833/4733)                     | yes <sup>1)</sup>            |
| Codecs G711/G729                        | yes / no                     |
| T.38 Fax                                | no                           |
| Secure trunk                            | no                           |

<sup>1)</sup> only Payload Type 101 is supported -> OSBiz and SIP endpoints must be configured accordingly



### 3.31.7. [Swisscom BCON](#)

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V1_R3.3.55<br>3 |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      | -               |
| Features                |                 |
| CLIP / CLIR             | √               |
| COLP                    | -               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / √           |
| T.38 Fax                | -               |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

### 3.31.8. [Swisscom Enterprise SIP](#)

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V2_R2.0.0       |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      |                 |
| Features                |                 |
| CLIP / CLIR             | √/√             |
| COLP                    | √               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / √           |
| T.38 Fax                | √               |
| Multisite               | Supported       |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

### 3.31.9. [Swisscom Smart Business Communication](#)

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V2_R0.3.0       |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      | -               |
| Features                |                 |
| CLIP / CLIR             | √               |
| COLP                    | -               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / √           |
| T.38 Fax                | √               |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

### 3.31.10. [Swisscom VoipGate](#)

| System                  | OsBiz           |
|-------------------------|-----------------|
| Supported since version | V2_R0.3.xx<br>x |
| Provider                |                 |
| SIP DID account         | √               |
| SIP Client account      | -               |
| Features                |                 |
| CLIP / CLIR             | √               |
| COLP                    | -               |
| DTMF (RFC 2833)         | √ <sup>1)</sup> |
| Codecs G.711/G.729      | √ / √           |
| T.38 Fax                | √               |

<sup>1)</sup> Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

### 3.31.11. [Telco Pack SA](#)

| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R3.3 |
| Provider                |         |
| SIP DID account         | √       |
| SIP Client account      | -       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -       |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / √   |
| T.38 Fax                | √       |

### 3.31.12. UPC CH Internet Registration



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V2R7.1            |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID               |
| Multisite                               | yes               |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes <sup>1)</sup> |
| COLP                                    | yes               |
| Call Forwarding (302)                   | no                |
| DTMF (RFC2833/4733)                     | yes               |
| Codecs G711/G729                        | yes / no          |
| T.38 Fax                                | no                |
| Secure trunk                            | no                |

#### Remarks:

<sup>1)</sup> need to be booked at UPC

Please check the configuration description for details about T.38 and DTMF configuration.

### 3.31.13. UPC CH Internet Static IP



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V2R7.1            |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID               |
| Multisite                               | yes               |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes <sup>1)</sup> |
| COLP                                    | yes               |
| Call Forwarding (302)                   | no                |
| DTMF (RFC2833/4733)                     | yes               |
| Codecs G711/G729                        | yes / no          |
| T.38 Fax                                | no                |
| Secure trunk                            | no                |

#### Remarks:

<sup>1)</sup> need to be booked at UPC

Please check the configuration description for details about Port, T.38 and DTMF configuration.

The formerly defined Cablecom profile is no longer available in OpenScape Business.

### 3.31.14. vtx

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

## 3.32. United Kingdom

### 3.32.1. [Broadcloud](#)

see Broadcloud Germany - **France** - **Italy** - **UK** - **Australia** - **USA**

### 3.32.2. [BT IPVS](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

BT IPVS is available for existing installations. The profile should not be used for new installations

### 3.32.3. BT Wholesale SIP Trunking



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V2R4.1            |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID <sup>1)</sup> |
| Multisite                               | yes <sup>2)</sup> |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes <sup>3)</sup> |
| COLP                                    | -                 |
| Call Forwarding (302)                   | no                |
| DTMF (RFC2833/4733)                     | yes <sup>4)</sup> |
| Codecs G711/G729                        | yes / yes         |
| T.38 Fax                                | yes               |
| Secure trunk                            | no                |

#### Remarks:

<sup>1)</sup> No registration is used

A static IP is a prerequisite to connect to the BT Wholesale SIP Trunking service. Please see the configuration description for details.

<sup>2)</sup> the service can provide multiple unrelated number ranges on the same trunk

<sup>3)</sup> CLIP no Screening is supported if the number is pre-approved by BT but not in call diversion scenarios.

<sup>4)</sup> Currently the service doesn't ensure that all DTMF sent as RTP events, meaning another SIP customer may send you in-band tones only. However, later this year BT will be adding in the functionality for DTMF destined for a customer to be RTP events only.

### 3.32.4. [BT Wholesale Hosted Communications](#)

| System                                  | OSBiz     |
|---|-----------|
| Released with Version                   | V4.1      |
| <b>ITSP Features &amp; Capabilities</b> |           |
| Account (DID/Client)                    | DID       |
| Multisite                               | yes       |
| CLIP / CLIR                             | yes / yes |
| CLIP no Screening                       | no        |
| COLP                                    | no        |
| Call Forwarding (302)                   | no        |
| DTMF (RFC2833/4733)                     | yes       |
| Codecs G711/G729                        | yes / yes |
| T.38 Fax                                | yes       |
| Secure trunk                            | no        |

#### Remarks:

There are a suite of features provided at a trunk level which can be used to introduce additional functionality to the ITSP, however, there are limitations on which features are and are not supported with OpenScape Business. Please check the configuration document for details

### 3.32.5. Gamma



| System                                  | OSBiz             |
|---|-------------------|
| Released with Version                   | V1R1              |
| <b>ITSP Features &amp; Capabilities</b> |                   |
| Account (DID/Client)                    | DID <sup>1)</sup> |
| Multisite                               | yes               |
| CLIP / CLIR                             | yes / yes         |
| CLIP no Screening                       | yes <sup>2)</sup> |
| COLP                                    | no                |
| Call Forwarding (302)                   | no                |
| DTMF (RFC2833/4733)                     | yes               |
| Codecs G711/G729                        | yes / yes         |
| T.38 Fax                                | yes               |
| Secure trunk                            | no                |

**Remarks:**

<sup>1)</sup> No registration is used

<sup>2)</sup> optional feature, needs to be booked at Gamma CLIP no Screening (known to Gamma as CLI Flexibility) is supported if the number is pre-approved by Gamma but not in call diversion scenarios.

Customer specific profile entries are needed for proxy address

A static IP is a prerequisite to connect to Gamma.

**For security reasons OpenScape Business uses dedicated SIP server ports for internal (5060) and external (5070) traffic. Gamma handle SIP traffic on port 5060 in default, thus the external SIP port in Openscape Business MUST be configured to 5060.**

#### Updated profile with V2R7.1 available

### 3.32.6. KCOM

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |



### 3.32.7. [TalkTalk](#)

| System                  | OsBiz            |
|-------------------------|------------------|
| Supported since version | V2_R0.3.11<br>24 |
| Provider                |                  |
| SIP DID account         | √                |
| SIP Client account      | -                |
| Features                |                  |
| CLIP / CLIR             | √                |
| COLP                    | -                |
| DTMF (RFC 2833)         | √                |
| Codecs G.711/G.729      | √ / √            |
| T.38 Fax                | √                |

### 3.32.8. [tIPicall](#)

| System                  | OsBiz   |
|-------------------------|---------|
| Supported since version | V1_R3.2 |
| Provider                |         |
| SIP DID account         | √       |
| SIP Client account      | -       |
| Features                |         |
| CLIP / CLIR             | √       |
| COLP                    | -       |
| DTMF (RFC 2833)         | √       |
| Codecs G.711/G.729      | √ / √   |
| T.38 Fax                | -       |

tIPicall is available for existing installations. The profile should not be used for new installations

### 3.32.9. [Vodafone](#)



| System                           | OSBiz             |
|----------------------------------|-------------------|
| Released with version            | V2R3              |
| <b>Capabilities&amp;Features</b> |                   |
| Account (DID/Client)             | DID <sup>1)</sup> |
| Multisite                        | yes <sup>2)</sup> |
| CLIP / CLIR                      | yes / yes         |
| COLP                             | -                 |
| DTMF (RFC2833/4733)              | yes               |
| Codecs G711/G729                 | yes / yes         |
| T.38 Fax                         | yes               |

#### Remarks:

<sup>1)</sup> No registration is used

<sup>2)</sup> Multisite is supported by ITSP (numbers from different location areas are possible)

### 3.32.10. [VoiceFlex](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| <b>Features</b>         |           |
| CLIP / CLIR             | √         |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.32.11. [VoIP Ltd i-Line](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R3.1.0 |
| <b>Provider</b>         |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| <b>Features</b>         |           |
| CLIP / CLIR             | -         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √ / -     |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

## 3.33.U.S.A.

### 3.33.1. [AT&T](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.33.2. [Broadcloud](#)

see Broadcloud Germany - **France** - **Italy** - **UK** - **Australia** - **USA**

### 3.33.3. [CenturyLink](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √ *1)     |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √ / √     |
| COLP                    | √         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / -     |
| T.38 Fax                | √         |

\*1) CenturyLink will use customer specific server addresses, thus the profile needs to be completed during configuration of the system

### 3.33.4. [Fusion 360](#)



| System                       | OSBiz                   |
|------------------------------|-------------------------|
| Released with Version        | V2R3                    |
| ITSP Features & Capabilities |                         |
| Account (DID/Client)         | DID                     |
| Multisite                    | yes <sup>1)</sup>       |
| CLIP / CLIR                  | yes / yes               |
| COLP                         | -                       |
| DTMF (RFC2833/4733)          | yes                     |
| Codecs G711/G729             | yes / yes <sup>2)</sup> |
| T.38 Fax                     | no                      |

#### Remarks:

<sup>1)</sup> Multisite is supported by ITSP (under the same registration, numbers from different location areas are possible)

<sup>2)</sup> G729A is possible, but not recommended. G729AB is not supported

Please note that our tests have shown that fax transmission using the T.38 protocol with the Fusion 360 trunks was not successful. T.38 MUST be deactivated in the system.

### 3.33.5. [IPfone](#)



| System                       | OSBiz            |
|------------------------------|------------------|
| Released with Version        | V2R7.1           |
| ITSP Features & Capabilities |                  |
| Account (DID/Client)         | DID              |
| Multisite                    | no               |
| CLIP / CLIR                  | yes / yes        |
| CLIP no Screening            | no               |
| COLP                         | no               |
| Call Forwarding (302)        | no               |
| DTMF (RFC2833/4733)          | yes              |
| Codecs G711/G729             | yes / no         |
| T.38 Fax                     | no <sup>1)</sup> |
| Secure trunk                 | no               |

#### Remarks:

<sup>1)</sup> T.38 must be disabled in system

### 3.33.6. [Intermedia.net Inc](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V2_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | -         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

### 3.33.7. [SoTel](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

### 3.33.8. [Windstream](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | -         |

**Note:**

Only the actual Broadsoft Platform is tested and released.

Manual entries are needed for the Basic servers (Proxy-Registrar) depending on platform and region.

### 3.33.9. [XO](#)

| System                  | OsBiz     |
|-------------------------|-----------|
| Supported since version | V1_R1.1.0 |
| Provider                |           |
| SIP DID account         | √         |
| SIP Client account      | √         |
| Features                |           |
| CLIP / CLIR             | √         |
| COLP                    | -         |
| DTMF (RFC 2833)         | √         |
| Codecs G.711/G.729      | √ / √     |
| T.38 Fax                | √         |

## Table of History

| Version | Date       | Changes   |
|---------|------------|---|
| ...     | ...        | ....  |
| 88      | 2020-06-02 | <p>Update for V3:</p> <p>Add new ITSP profiles:</p> <ul style="list-style-type: none"> <li>Unitymedia – Germany</li> <li>CITEC Universe SIP Trunk – Germany</li> <li>Omnidat – Germany</li> <li>R-Kom – Germany</li> <li>ImproWare - Switzerland</li> <li>BCOM – Belgium</li> <li>X2Com – Belgium</li> <li>WOBCOM – Germany</li> <li>Wilhelm.tel – Germany</li> <li>Codepi – France</li> <li>Datel – Germany</li> <li>Tele AG – Germany</li> <li>Nexphone - Switzerland</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>Destiny (use session timer)</li> <li>BKM – Belgium (server names, call number format,..)</li> <li>Telekom company Flex – original number in From</li> <li>Telekom DLAN SIP Trunk – original number in From</li> </ul> <p>Delete obsolete profiles:</p> <ul style="list-style-type: none"> <li>Acropolis – France</li> <li>Tus Telekom</li> </ul> |
| 89      | 2020-10-19 | <p>Update for V3R0.1:</p> <p>Add new ITSP profiles:</p> <ul style="list-style-type: none"> <li>TelemaxX – Germany</li> <li>VoipQ - Netherlands</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>Sunrise – Switzerland (general update)</li> </ul> <p>Delete obsolete profiles:</p> <ul style="list-style-type: none"> <li>n/a</li> </ul>  |
| 90      | 2021-03-01 | <p>Update for V3R1:</p> <p>Add new ITSP profiles:</p> <ul style="list-style-type: none"> <li>Voiceworks DE – Germany</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>Voiceworks NL – Netherlands (new name)</li> </ul> <p>Delete obsolete profiles:</p> <ul style="list-style-type: none"> <li>n/a</li> </ul>  |
| 91      | 2021-12-13 | <p>Update for V3R1.2:</p> <p>Add new ITSP profiles:</p> <ul style="list-style-type: none"> <li>KPN TLS NL – Netherlands</li> <li>Pocos NL - Netherlands</li> <li>rgi VoIP Trunk 200 – Germany</li> <li>Scaldis B.V. - Netherlands</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>Ecotel sip Trunk 2.0 – support of Geo-Redundancy</li> <li>putel – stopped T.38 Fax service</li> </ul>  |

| Version | Date       | Changes   |
|---------|------------|---|
|         |            | <p>Telekom Company Flex – no switch back to the primary SIP outbound proxy within 15 minutes (hidden parameter – automatically active)</p> <p>Telekom DLAN SIP Trunk – no switch back to the primary SIP outbound proxy within 15 minutes (hidden parameter – automatically active)</p> <p>Obsolete profiles (to be deleted in upcoming HotFix):</p> <p>KPN TLS NDL – Netherlands</p> <p>Pocos NDL - Netherlands</p>  |
| 92      | 2022-06-01 | <p>Update for V3R2:</p> <p>Add new ITSP profiles:</p> <p>AAPT – Australia</p> <p>Released without profiles:</p> <p>EasyFone - Germany</p> <p>Keyyo – France</p> <p>Update supported ITSP profiles:</p> <p>Vodafone Anlagenanschluss R4 – recertified R4.b incl. TLS (w/o profile change)</p> <p>Delete obsolete profiles:</p> <p>KPN TLS NDL – Netherlands</p> <p>Pocos NDL - Netherlands</p>   |
| 93      | 2022-06-08 | <p>2<sup>nd</sup> Update for V3R2:</p> <p>Released without profiles:</p> <p>envia TEL - Germany</p>   |
| 94      | 2022-12-01 | <p>Update for V3R2.1:</p> <p>Add new ITSP profiles:</p> <p>Sparks Voice Connect – Australia</p> <p>Orange BE SIP – Belgium</p> <p>Keyyo - France</p> <p>EasyFone – Germany</p> <p>envia TEL – Germany</p> <p>G9 Telecom - Portugal</p> <p>Released without profiles:</p> <p>n/a</p> <p>Update supported ITSP profiles:</p> <p>Orange BE S&amp;F - Belgium</p> <p>KPN TLS NL – Netherlands</p> <p>Vodafone Anlagenanschluss R4 – Germany</p> <p>Sunrise - Switzerland</p> <p>Delete obsolete profiles:</p> <p>Orcon Ltd – Australia</p> <p>TelstraClear WSIP - Australia</p> |



| Version | Date       | Changes  |
|---------|------------|--|
| 95      | 2023-10-06 | <p>Update for V3R3:</p> <p>Add new ITSP profiles:</p> <ul style="list-style-type: none"> <li>Drei Business SIP Connect – Austria</li> <li>Dstny – France</li> <li>Komro – Germany</li> <li>Magenta – Austria</li> <li>RoutIT TLS- Netherlands</li> <li>Vodafone Anlagenanschluss R5 – Germany</li> </ul> <p>Released without profiles:</p> <ul style="list-style-type: none"> <li>Helinet - Germany</li> <li>htp Business Flex Smart – Germany</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>BT Wholesale – UK</li> <li>Telekom Company Flex - Germany</li> </ul> <p>Delete obsolete profiles:</p> <ul style="list-style-type: none"> <li>ecotel sipTrunk Connect 1.0 – Germany</li> <li>ecotel sipTrunk DDI – Germany</li> <li>Tele 2 – Austria</li> <li>UPC Austria – Austria</li> <li>Vodafone Anlagenanschluss – Germany</li> <li>Vodafone Anlagenanschluss R3 – Germany</li> </ul> |
| 96      | 2023-12-11 | <p>2<sup>nd</sup> Update for V3R3:</p> <p>Released without profiles:</p> <ul style="list-style-type: none"> <li>BITel Business SIP Flex- Germany</li> <li>Gamma NGN (DE) – Germany</li> <li>wittenberg-net GmbH - Germany</li> </ul> <p>Update supported ITSP profiles:</p> <ul style="list-style-type: none"> <li>EWE Voice+ SIP Trunk Flex - Germany</li> </ul>  |

