A MITEL
PRODUCT
GUIDE

OpenScape Business

Overview about released SIP Providers

Release Number 05/2025

Mitel®
Powering connections

Table of Contents

1. Introduction

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

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

Starting with OpenScape Business V3R4 certifications are released for
- OpenScape Business V3 Mainboard Familiy
- OpenScape Business S

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@mitel.com

2. Definition of Features

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 (single registration) or dedicated trunks for each location/area (multiple registrations). 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

G.722: the use of the G.722 codec must be enabled on the end devices with priority 1 (first line codec) and depends on the properties of the remote station.

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

FAX
T.38 protocol allows safe transmission also for multi-page documents. The option of sending or receiving T.38 faxes depends on the properties of the remote station.

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

3. ITSP Details

3.1. International

3.1.1. *Broadcloud*

Australia - France - Germany - Italy – United Kingdom - 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.

√	= supported
-	= not supported by provider

3.1.2.   *COLT international*

System	OSBiz
Supported since version	V1_R1.1.0
Provider(profiles see *1)	
SIP DID account	√ * 2
SIP Client account	-
Features	
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

√	= supported
-	= not supported by provider

3.1.3. *Kwebbl SIP Trunk*

Austria – Belgium – Germany – Netherlands – Switzerland

System	OpenScape Business
Released with Version	***V3R4***
Kwebbl SIP Trunk	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*yes - single trunk / dedicated trunk*
CLIP / CLIR	*yes / yes*
CLIP no Screening	*no*
COLP	*no*
Call Forwarding (302)	*no*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G729	*no / yes / no*
T.38 Fax	*no*
Secure trunk	*no*

Remarks:
OpenScape Business is not approved for the use of the T.38-Fax protocol on the ***Kwebbl SIP Trunk*** profile.

3.1.4. *Skype connect international*

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	-

√	= supported
-	= not supported by provider

3.1.5. Verizon international

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	√

3.1.6. Virtual-Call

Austria – Brazil – Germany – Spain – Switzerland – United Kingdom

System	OpenScape Business
Released with Version	**V3R4**
Virtual-Call	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*yes - dedicated trunk (multiple registration)*
CLIP / CLIR	*yes / yes*
CLIP no Screening	*no*
COLP	*no*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G729	*no / yes / no*
T.38 Fax	*yes*
Secure trunk	*no*

Remarks:
OpenScape Business requires call routing via the media unit bundles (RTP proxy) to be activated by *Virtual-Call*.

Option for Backup Routing of incoming calls in case of internet failure
CLIP no Screening requires to deactivate the Backup Routing option "Overriding Identity" by the *Virtual-Call* support.
Otherwise, the CLIP number is replaced with the main number.

The ability to send or receive T.38 faxes depends on the characteristics of the remote station and is only available for IP system connections with activated T.38 codec.

√	= supported
-	= not supported by provider

3.2. Australia

3.2.1. AAPT SIP Connect

AAPT [Business 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

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	√

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

3.3. Austria

3.3.1.   *A1 SIPtrunk - registrierend*

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

Remarks:

[1] Clip no Screnning needs to be activated by A1.
A1 delivers a "A1 Router" to the customer which is used to terminate the SIP trunk.

√	= supported
-	= not supported by provider

3.3.2.   *Drei Business SIP Connect*

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

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

√	= supported
-	= not supported by provider

3.3.3. *Magenta Business Voice SIP*

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

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	√

√	= supported
-	= not supported by provider

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)	√ [1]
Codecs G.711/G.729	√ / -
T.38 Fax	[2]

[1] Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

[2] 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	√

√	= supported
-	= not supported by provider

3.3.7. *Net4You-Voice4Biz*

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

Notes:
SIP-Trunk **Net4You-Voice4Biz** is released for:
- OpenScape Business V3 Mainboard Family
- OpenScape Business S

SIP Extern must be changed to 5060. It's recommended to change Port SIP (intern) to 5070.

[1] CLIP no Screening needs to be booked
[2] Call Forwarding (302) of **Net4You-Voice4Biz** is not supported by OpenScape Business

3.3.8. *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	√

√	= supported
-	= not supported by provider

3.3.9. *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	-

3.3.10. *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	√

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

3.4.4. *BKM*
Formerly named Hexacom

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
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

√	= supported
-	= not supported by provider

3.4.6. *IPnexia – Belgium - Luxemburg*

System	OSBiz
Released with Version	V2R6.2
ITSP Features & Capabilities	
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

√	= supported
-	= not supported by provider

3.4.7.   *ORANGE*

System	OSBiz
Released with Version	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 [1]
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 [1]
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

√	= supported
-	= not supported by provider

Orange, forwarded calls will be rejected! If CLIP no Screening agreement is not signed the profile needs to be changed manually.

3.4.8. *Proximus Enterprise Voice*

System	OpenScape Business
Released with Version	V3R4.1
Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes – dedicated trunk
CLIP / CLIR	yes
CLIP no Screening	no
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G722/G711/G729	yes / yes / yes
T.38 Fax	no
Secure trunk	no

Remarks:
- Call Forwarding (302) is active per default
- UC-Fax is not released for *Proximus Enterprise Voice*

√	= supported
-	= not supported by provider

3.4.9. Telenet

System	OSBiz
Released with Version	V1R1
ITSP Features & Capabilities	
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.

3.4.10. WIN

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

UC-Suite is not yet released

3.4.11. X2COM

for details on X2COM see the table X2COM

√	= supported
-	= not supported by provider

3.5. Brazil

3.5.1. *vivo*

System	OSBiz
Released with Version	V2R7.1
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	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
Provider	
SIP DID account	-
SIP Client account	√
Features	
CLIP / CLIR	√ / -
COLP	-
DTMF (RFC 2833)	√
Codecs G.711/G.729	√ / √
T.38 Fax	√

√	= supported
-	= not supported by provider

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.

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

3.9.3.   *Telia*

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

Remarks:
[1] No registration is used, Port 5060 MUST be used for SIP traffic
[2] Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly
[3] 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
Provider	
SIP DID account	√
SIP Client account	-
Features	
CLIP / CLIR	√
COLP	-
DTMF (RFC 2833)	√
Codecs G.711/G.729	√ / -
T.38 Fax	√

√	= supported
-	= not supported by provider

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.

√	= supported
-	= not supported by provider

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)	√ [1]
Codecs G.711/G.729	√ / √
T.38 Fax	√

[1] Only Payload Type 101 supported -> System and SIP endpoints has to be configured accordingly

3.12.2. *Broadcloud*
see Broadcloud

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 [1]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes
Secure trunk	no

Remarks:

[1] Clip no Screening needs to be boocked at CODEPI

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

3.12.5.   *Dstny*

System	OpenScape Business
Released with Version	V3R3
Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes – single and dedicated trunk
CLIP / CLIR	yes / no
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

√	= supported
-	= not supported by provider

3.12.6. *Foliateam Opérateur*

System	OSBiz
Released with Version	V2R7.1
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	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
Provider	
SIP DID account	√
SIP Client account	-
Features	
CLIP / CLIR	-
COLP	-
DTMF (RFC 2833)	√
Codecs G.711/G.729	√ / √
T.38 Fax	√

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

3.12.10. *Jaguar*

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

Remarks:

[1] Special configuration of primary and secondary server needed, see configuration document for details.

[2] Jaguar requires a special signalling for Clip no Screnning 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*

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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*

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

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

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 [1]
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes [2]
secure trunk	no

Remarks:

[1] CLIP no screening needs to be configured on the 1&1 Versatel platform

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

√	= supported
-	= not supported by provider

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 [1]
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes
Secure trunk	no

Remarks:
[1] CLIP no Screening needs to be booked at ITSP

3.13.4. **Broadcloud**
see Broadcloud

√	= supported
-	= not supported by provider

3.13.5. BITel

System	OSBiz
Released with Version	V2R6.2
ITSP Features & Capabilities	
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
[1] Clip no Screnning needs to be booked at BITel

System	OpenScape Business
Released with Version	V3R3
BITel Business SIP Flex	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*no*
CLIP / CLIR	*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:
SIP-Trunk ***BITel Business SIP Flex*** is released for:
- OpenScape Business V3 Mainboard Familiy
- OpenScape Business S

√	= supported
-	= not supported by provider

3.13.6. *Datel*

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

Remarks:

[1] 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

[2] Clip no Screening needs to be boocked at DATEL

√	= supported
-	= not supported by provider

3.13.7.   *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:
"Einzelverbindungsnachweis": 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.

√	= supported
-	= not supported by provider

3.13.8. *easybell*

easybell

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

Remarks:
[1] 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)

√	= supported
-	= not supported by provider

3.13.9. *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.

√	= supported
-	= not supported by provider

3.13.10. *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 [1]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / no
T.38 Fax	no
Secure trunk	no

Remarks:

[1] CLIP no screening needs to be booked

√	= supported
-	= not supported by provider

3.13.11.   *ennit*

Profile maintained for existing installations.
A new profile with updated settings is available "TNG Stadtnetz"

3.13.12.   *envia TEL*

System	OpenScape Business
Released with Version	V3R2
envia TEL enVoice IP range	**Features & Capabilities**
Account (DID/Client)	DID
Multisite	no
CLIP / CLIR	yes
CLIP no Screening	yes [1]
COLP	yes
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711	yes
Codecs G729	no
T.38 Fax	no
Secure trunk	no

Anmerkungen:
[1] CLIP no Screening ist ein kostenpflichtiges Leistungsmerkmal und muss gesondert beauftragt werden. Die Nutzung ist im Profil voreingestellt.

3.13.13.   *equada*

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

√	= supported
-	= not supported by provider

3.13.14. *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
EWE Voice+ SIP Trunk	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*dedicated trunk [1]*
CLIP / CLIR	*yes / yes*
CLIP no Screening	*yes [2]*
COLP	*yes*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes*
Codecs G722/G711/G729	*yes /yes / no*
T.38 Fax	*yes [3]*
Secure trunk	*yes*

Remarks:

[1] Depending on customers Call Attempts per Second „Multsite" is available for a second trunk and requires confirmation of EWE TEL GmbH.

[2] Clip no Screening needs to be activated by the provider.

[3] 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.

√	= supported
-	= not supported by provider

3.13.15. *Gamma*

System	OpenScape Business
Released with Version	***V3R3***
Gamma NGN (DE)	**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.

3.13.16. *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	-

√	= supported
-	= not supported by provider

3.13.17. gnTel

for details on gnTel see the table gnTel

3.13.18. GVG Glasfaser

System	OpenScape Business
Released with Version	V3R4.1
Features & Capabilities	
Account (DID/Client)	DID
Multisite	no
CLIP / CLIR	yes
CLIP no Screening	yes [1]
COLP	no
Call Forwarding (302)	yes [2]
DTMF (RFC2833/4733)	yes
Codecs G722/G711/G729	yes / yes / no
T.38 Fax	yes
Secure trunk	no

Remarks:
[1] CLIP no Screening is optional and needs to be booked
[2] Call Forwarding (302) is active per default

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[1]
COLP	yes
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / no
T.38 Fax	no
Secure trunk	no

Remarks:
[1] CLIP no Screening can be booked optionally.

3.13.20. *herweck callamar*

System	OpenScape Business
Released with Version	***V3R4***
callamar	**Features & Capabilities**
Account (DID/Client)	*DID [1]*
Multisite	*no*
CLIP / CLIR	*yes / yes*
CLIP no Screening	*yes*
COLP	*no*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G729	*no / yes / yes [2]*
T.38 Fax	*yes*
Secure trunk	*no*

Remarks:
[1] Emergency calls are forwarded based on the number of the calling subscriber and must be set up in the callamar Provisioning Portal.

[2] G.729 can be booked optionally.

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 [1]
COLP	-
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / -
T.38 Fax	-
Secure trunk	no

√	= supported
-	= not supported by provider

3.13.22.   *htp*

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

Remarks:
htp delivers an access device, IP address of access device needs to be configured as Proxy and Registrar
[1] Clip no Screening needs to be booked at htp.

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:
htp Business FleX SIP-Trunk smart is released for following OpenScape Business variants:
- OpenScape Business V3 Mainboard Familiy
- OpenScape Business S

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

3.13.24. *komroVoIP-Trunk*

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

Remarks:
[1] CLIP no Screening can be booked optional
[2] 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.

√	= supported
-	= not supported by provider

3.13.25. *M-Net Premium*

System	OpenScape Business
Released with Version	*V3R3.2 (update)*
M-net Premium SIP-Trunk Capabilities	**Features &**
Account (DID/Client)	*DID*
Multisite	*yes - single trunk*
CLIP / CLIR	*yes*
CLIP no Screening	*yes [1]*
COLP	*no*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G.729	*yes [2] / yes / optional*
T.38 Fax	*yes*
Secure trunk	*yes [3]*

Anmerkungen:

[1] CLIP no Screening kann optional gebucht werden.

[2] Die Verwendung des Codecs G.722 ist mit der Priorität 1 an den Endgeräten freizugeben (first line codec). Die Nutzung von G.722 ist abhängig von den Eigenschaften der Gegenstelle (Endgerät, IP-Anlagen-Anschluss, …) und für folgende OpenScape Business Varianten freigeben:

- OpenScape Business V3 Mainboard Family
- OpenScape Business S

[3] Die Zertifikate werden von **M-net** zur Verfügung gestellt und sind in die OpenScape Business zu importieren. Der Codec G.722 wird in der Betriebsart „Sicherer Trunk" nicht unterstützt.

Es ist ein manueller Profilupdate erforderlich: „Media Renegotiation Avoidance": deaktiv.

√	= supported
-	= not supported by provider

3.13.26.   *MK Netzdienste*

System	OSBiz
Released with Version	V2R6.2 (update)
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.

√	= supported
-	= not supported by provider

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:
OpenScape 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.

√	= supported
-	= not supported by provider

3.13.28. *NetCom BW*

System	OSBiz
Released with Version	V2R6
ITSP Features & Capabilities	
Account (DID/Client)	DID [1]
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:
[1] = 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

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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	-[1]

Remarks:

O_2 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_2 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.

[1] 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

√	= supported
-	= not supported by provider

3.13.31. *omnidat*

System	OSBiz
Released with Version	V3
ITSP Features & Capabilities	
Account (DID/Client)	DID
Multisite	*yes (registration for each location)*
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 Screnning needs to be booked and payed:

3.13.32. *Peoplefone AG (DE)*

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

√	= supported
-	= not supported by provider

3.13.33. PhoneVoice

System	OSBiz
Released with Version	V2R5
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 / no
T.38 Fax	yes
Secure trunk	no

3.13.34. purtel

System	OSBiz
Released with Version	V2R7.1 (update)
ITSP Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes
CLIP / CLIR	yes / yes
CLIP no Screening	Yes [1]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	no 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.
[1] CLIP no screening must be activated in customer portal

√	= supported
-	= not supported by provider

3.13.35. *Plusnet IPfonie Extended*

System	OSBiz
Supported since version	QSC: V1_R1.1.0 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*

System	OSBiz
Released with Version	QSC: V1R3.1 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 [1]
Codecs G711/G729	yes / yes
T.38 Fax	yes
Secure trunk	yes (but not yet released)

Remarks:
[1] 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.

√	= supported
-	= not supported by provider

3.13.37. reventix

System	OSBiz
Released with Version	V2R6.2
ITSP Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes [1]
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:
[1] 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

√	= supported
-	= not supported by provider

3.13.39. *R-Kom*

R,KOM

System	OSBiz
Released with Version	V3
ITSP Features & Capabilities	
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
Provider	
sipgate trunking (DID)	√
sipgate basic (MSN)	√
Features	
CLIP / CLIR	√
COLP	-
DTMF (RFC 2833)	√
Codecs G.711/G.729	√ / √
T.38 Fax	-

√	= supported
-	= not supported by provider

3.13.41. *Steffel-Voice*

System	OSBiz
Released with Version	V2R7.1 (update)
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 / yes
T.38 Fax	yes
Secure trunk	no

Remarks:
Clip no Scrennig need to be configured/booked at ITSP.

√	= supported
-	= not supported by provider

3.13.42. *Tele AG*

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

Remarks:

[1] 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.

[2] Clip no Screening needs to be boocked at Tele AG

√	= supported
-	= not supported by provider

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 [1]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	no [2]
Codecs G711/G729	yes / no
T.38 Fax	yes
Secure trunk	no

Remarks:
[1] optional feature, needs to be booked at TeleData
[2] 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.**

√	= supported
-	= not supported by provider

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 [1]
COLP	yes
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes
Secure trunk	yes

Remarks:
[1] 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:

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

3.13.46. Telekom DeutschlandLAN SIP-Trunk Registered Mode

System	OSBiz
Released with Version	V2R2
ITSP Features & Capabilities	
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 [2]
Secure Trunk	yes

Remarks:

[1] 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.

√	= supported
-	= not supported by provider

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

[TelemaxX].
Telekommunikation GmbH

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

√	= supported
-	= not supported by provider

3.13.48.   *Thüringer Netkom*

System	OpenScape Business
Released with Version	V3R4.1
Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes - single trunk
CLIP / CLIR	yes
CLIP no Screening	yes [1]
COLP	no
Call Forwarding (302)	yes [2]
DTMF (RFC2833/4733)	yes
Codecs G722/G711/G729	no / yes / no
T.38 Fax	no
Secure trunk	no

Remarks:
[1] CLIP no Screening is optional and needs to be booked
[2] Call Forwarding (302) is active per default

3.13.49.   *T-Systems Corporate SIP Trunk*

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

Please contact: OSBiz-certification@mitel.com.

√	= supported
-	= not supported by provider

3.13.50. *teliko*

System	OSBiz
Released with Version	V2R7.1
ITSP Features & Capabilities	
Account (DID/Client)	DID
Multisite	*yes*
CLIP / CLIR	yes / yes
CLIP no Screening	yes [1]
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / no
T.38 Fax	no [2]
Secure trunk	no

Remarks:

[1] Clip no Screnning need to be booked at Teliko

[2] For best interoperability T.38 MUST be deactivated in the OpenScape Business system

√	= supported
-	= not supported by provider

3.13.51.   *TNG Stadtnetz*

System	OSBiz
Released with Version	V2R7
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 [1]
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / no
T.38 Fax	yes
Secure trunk	no

TNG

Remarks:

[1] 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.

3.13.52.   *Toplink*

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	-

√	= supported
-	= not supported by provider

3.13.53. *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 [1]
T.38 Fax	yes
Secure trunk	no

Remarks:
[1] G729 only endpoints are not supported due to problems with transfer scenarios.

√	= supported
-	= not supported by provider

firstcom e**u**rope

System	OpenScape Business
Released with Version	*V3R3.1(update)*
Universe SIP Connect	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*yes - single trunk*
CLIP / CLIR	*yes*
CLIP no Screening	*yes [1]*
COLP	*no*
Call Forwarding (302)	*no*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G.729	*yes [2] / yes / no [3]*
T.38 Fax	*no [3]*
Secure trunk	*yes [4]*

Anmerkungen:

[1] CLIP no Screening ist für die Anzeige des A-Tln bei Anrufumleitung freigegeben. Die Verwendung von Servicerufnummern (wie beispielsweise 0800…, 0900…) ist nicht freigegeben.

[2] Die Verwendung des Codecs G.722 ist mit der Priorität 1 an den Endgeräten freizugeben. Die Nutzung von G.722 ist abhängig von den Eigenschaften der Gegenstelle (Endgerät, IP-Anlagen-Anschluss, …) und für folgende OpenScape Business Varianten freigeben:

- OpenScape Business V3 Mainboard Family
- OpenScape Business S

[3] Die Codecs G.729 und T.38 werden nicht unterstützt und sind in der OpenScape Business zu deaktivieren.

[4] Die Zertifikate werden von **Firstcom Europe AG** zur Verfügung gestellt und sind in die OpenScape Business zu importieren. Der Codec G.722 wird in der Betriebsart „Sicherer Trunk" nicht unterstützt.

√	= supported
-	= not supported by provider

3.13.55. *Vodafone Anlagenanschluss R4*

System	OSBiz
Released with Version	V2R7 update with V3R2
ITSP Features & Capabilities	
Account (DID/Client)	DID [1]
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 [2] only for SIP end-to-end connections
Secure trunk	yes [3]

Remarks:

[1] without registration

[2] 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] 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.

√	= supported
-	= not supported by provider

3.13.56. *Vodafone Anlagenanschluss R5*

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

√	= supported
-	= not supported by provider

3.13.57. _Vodafone Anlagenanschluss R6_

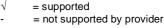| System	OpenScape Business
Released with Version	V3R4.1
Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes - single trunk
CLIP / CLIR	yes
CLIP no Screening	yes
COLP	yes
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes
Codecs G722/G711/G729	yes
T.38 Fax	optional only for SIP end-to-end connections
Secure trunk	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.

3.13.58. *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

√	= supported
-	= not supported by provider

3.13.59. *wilhelm.tel*

wilhelm.tel

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

Remarks:

[1] 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

[2] T.38 MUST be deactivated in the system (see configuration document)

√	= supported
-	= not supported by provider

3.13.60. *wittenberg-net GmbH*

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

Remarks:
[1] 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.

√	= supported
-	= not supported by provider

3.13.61. WOBCOM

System	OSBiz
Released with Version	V3
ITSP Features & Capabilities	
Account (DID/Client)	DID [1]
Multisite	*no*
CLIP / CLIR	yes / yes
CLIP no Screening	yes
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes [2]
Codecs G711/G729	yes / no
T.38 Fax	no [3]
Secure trunk	no

Remarks:

[1] WOBCOM offers DID (Anlagenanschluß) and MSN (Teilnehmeranschluß) type of trunks. The certification is valid for the DID type only.

[2] 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.

[3] T.38 must be deactivated in the system

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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 [1]
CLIP no Screening	no
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	no [2]
Secure trunk	no

Remarks:

[1] CLIR is supported through service code towards ITSP.

[2] T.38 is not supported by Netfone and MUST be deactivated in the system.

√	= supported
-	= not supported by provider

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	√ / - [1]
COLP	-
DTMF (RFC2833/4733)	√
Codecs G711/G729	√ / √
T.38 Fax	√ [2]

Remarks:
[1] 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
[2] 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.

√	= supported
-	= not supported by provider

3.16.2.   HGC

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

Remarks:

[1] CLIR is supported only with dailing the prefix '133' in front of the external number.

[2] Officially ITSP is not supporting G.729 (annexb=no) but can be offered under customer specific request. Codec is still available in SDP.

[3] 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 actiavted for all codes at VoiceGateway settings
- Reduntant Transmition 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

√	= supported
-	= not supported by provider

3.17. Italy

3.17.1. Broadcloud
see Broadcloud

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	√

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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.

√	= supported
-	= not supported by provider

3.21. Netherlands

3.21.1.   BCOM

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

3.21.2.   BLU Networks

System	OSBiz
Released with Version	V2R2 / update in 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	yes
Secure trunk	no

Remarks:
Profile update with V2R7

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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***

pocos

√	= supported
-	= not supported by provider

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	no

3.21.12. RoutIT

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	√

√	= supported
-	= not supported by provider

3.21.13. RoutIT TLS

System	OpenScape Business
Released with Version	V3R3
Features & Capabilities	
Account (DID/Client)	DID
Multisite	yes - single trunk
CLIP / CLIR	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	yes

3.21.14. Scaldis B.V.

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	no

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

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	√

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

3.21.21. Voiceworks MEX

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

Remarks:
Mobile phone integration with SIP-MEX
[1] 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 [1]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / no
T.38 Fax	yes
Secure trunk	no

Remarks:

[1] deactivated in default, need to be booked at provider

√	= supported
-	= not supported by 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 [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 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

√	= supported
-	= not supported by provider

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

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[1]
Secure trunk	no

Remarks:
[1]T.38 is not supported by Vodafone Ziggo and MUST be deactivated in the system.

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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.

√	= supported
-	= not supported by provider

3.23. Portugal

3.23.1.   Altice (Portugal Telecom)

System	OSBiz
Released with Version	V2R6
ITSP Features & Capabilities	
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 OpenScape 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
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 / no
T.38 Fax	no
Secure trunk	no

√	= supported
-	= not supported by provider

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 [1]
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 [1]
Secure trunk	no

Remarks:

[1] Vodafone can give different numbers from different locations in one single registration
[2] 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

√	= supported
-	= not supported by provider

3.24.Saudi Arabia

3.24.1.   **Saudi Telecom Company**

System	OSBiz
Released with Version	V2R6
ITSP Features & Capabilities	
Account (DID/Client)	DID [1)
Multisite	no
CLIP / CLIR	yes [2) / 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:

[1) No registration is used

[2) 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.

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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.

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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

√	= supported
-	= not supported by provider

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**

ImproWare

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

Remarks:
[1] Clip no Screnning needs to be booked at ITSP (one time fee)
[2] RFC2833 payload type MUST be set to 101 in the system

√	= supported
-	= not supported by provider

3.31.3. Nexphone

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)	yes
DTMF (RFC2833/4733)	yes [1]
Codecs G711/G729	yes / yes
T.38 Fax	no [2]
Secure trunk	no

Remarks:

[1] Nexphone does not support RFC2833 negotiation. RFC2833 payload type MUST be configured with 101 in the system and connected SIP devices

[2] T.38 MUST be deactivated in the system

3.31.4. Peoplefone AG (CH)

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

√	= supported
-	= not supported by provider

3.31.5.   *phonestar**

System	OpenScape Business
Released with Version	***V3R4***
*Phonestar**	**Features & Capabilities**
Account (DID/Client)	*DID*
Multisite	*yes - dedicated trunk*
CLIP / CLIR	*yes*
CLIP no Screening	*yes*
COLP	*no*
Call Forwarding (302)	*no*
DTMF (RFC2833/4733)	*yes*
Codecs G.722/G.711/G729	*yes / yes / no*
T.38 Fax	*yes*
Secure trunk	*no*

Remarks:

- The use of the G.722 codec must be enabled on the end devices with priority 1 (first line codec). The use of G.722 depends on the properties of the remote station (end device, ITSP system connection, ...).

- CLIP no Screening is available in the default configuration.

- UC-Fax is not released for the *phonestar** SIP-Trunk.

3.31.6.   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.

√	= supported
-	= not supported by provider

3.31.7.   Sunrise

System	OSBiz
Released with Version	V1R3.3 update with V3R0.1
ITSP Features & Capabilities	
Account (DID/Client)	DID
Multisite	
CLIP / CLIR	yes / yes
CLIP no Screening	yes
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes [1]
Codecs G711/G729	yes / no
T.38 Fax	no
Secure trunk	no

[1] only Payload Type 101 is supported -> OSBiz and SIP endpoints must be configured accordingly

√	= supported
-	= not supported by provider

3.31.8.   Swisscom Enterprise SIP

System	OpenScape Business
recertified for Version	V2R2 V3R4 (re-certified)
Features & Capabilities	
Account (DID/Client)	*DID*
Multisite	*yes*
CLIP / CLIR	*yes*
CLIP no Screening	*yes*
COLP	*yes*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes [1]*
Codecs G.711/G.729	*yes / yes*
T.38 Fax	*yes*
Secure trunk	*no*

[1] Payload Type 101 is preferred -> System and SIP endpoints have to be configured accordingly

3.31.9.   Swisscom Smart Business Communication

System	OpenScape Business
recertified for Version	V2R0 V3R3 (re-certified)
Features & Capabilities	
Account (DID/Client)	*DID*
Multisite	*no*
CLIP / CLIR	*yes*
CLIP no Screening	*yes*
COLP	*no*
Call Forwarding (302)	*yes*
DTMF (RFC2833/4733)	*yes [1]*
Codecs G711/G729	*yes / yes*
T.38 Fax	*no*
Secure trunk	*no*

[1] Payload Type 101 is preferred -> System and SIP endpoints have to be configured accordingly

√	= supported
-	= not supported by provider

3.31.10.   Swisscom Smart Business Connect Internet Trunk

System	OpenScape Business
recertified for Version	V3R4
Features & Capabilities	
Account (DID/Client)	DID
Multisite	no
CLIP / CLIR	yes
CLIP no Screening	yes
COLP	no
Call Forwarding (302)	yes
DTMF (RFC2833/4733)	yes [1]
Codecs G722/G711/G729	yes / yes / no
T.38 Fax	no
Secure trunk	yes

[1] Payload Type 101 is preferred -> System and SIP endpoints have 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	√

√	= supported
-	= not supported by provider

3.31.12. UPC CH Internet Registration

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

Remarks:

[1] need to be booked at UPC
Please check the configuration description for details about T.38 and DTMF configuration.

√	= supported
-	= not supported by provider

3.31.13. UPC CH Internet Static IP

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

Remarks:

[1] need to be booked at UPC
Please check the configuration description for detailes 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
Provider	
SIP DID account	√
SIP Client account	-
Features	
CLIP / CLIR	√
COLP	-
DTMF (RFC 2833)	√
Codecs G.711/G.729	√ / √
T.38 Fax	-

√	= supported
-	= not supported by provider

3.32. United Kingdom

3.32.1. *Broadcloud*
see Broadcloud

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

√	= supported
-	= not supported by provider

BT wholesale

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

Remarks:
[1] No registration is used
A static IP is a prerequisite to connect to the BT Wholesale SIP Trunking service. Please see the configuration descripiton for details.

[2] the service can provide multiple unrelated number ranges on the same trunk

[3] CLIP no Screening is supported if the number is pre-approved by BT but not in call diversion scenarios.

[4] 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.

√	= supported
-	= not supported by provider

3.32.4. BT Wholesale Hosted Communications

BT wholesale

System	OSBiz
Released with Version	V4.1
ITSP Features & Capabilities	
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 is 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

√	= supported
-	= not supported by provider

3.32.5. Gamma

System	OSBiz
Released with Version	V2R7.1 (update)
ITSP Features & Capabilities	
Account (DID/Client)	DID [1]
Multisite	yes
CLIP / CLIR	yes / yes
CLIP no Screening	yes [2]
COLP	no
Call Forwarding (302)	no
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes
Secure trunk	no

Remarks:

[1] No registration is used

[2] 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.

3.32.6. KCOM

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	√

√	= supported
-	= not supported by provider

3.32.7.   **TalkTalk**

System	OSBiz
Supported since version	V2_R0.3.11 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

√	= supported
-	= not supported by provider

3.32.9. **Vodafone**

System	OSBiz
Released with version	V2R3
Capabilities&Features	
Account (DID/Client)	DID [1]
Multisite	yes [2]
CLIP / CLIR	yes / yes
COLP	-
DTMF (RFC2833/4733)	yes
Codecs G711/G729	yes / yes
T.38 Fax	yes

Remarks:

[1] No registration is used

[2] 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
Provider	
SIP DID account	√
SIP Client account	-
Features	
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
Provider	
SIP DID account	√
SIP Client account	√
Features	
CLIP / CLIR	-
COLP	-
DTMF (RFC 2833)	√ / -
Codecs G.711/G.729	√ / √
T.38 Fax	-

√	= supported
-	= not supported by provider

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

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

√	= supported
-	= not supported by provider

3.33.4.   Fusion 360

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

Remarks:

[1] Multisite is supported by ITSP (under the same registration, numbers from different location areas are possible)

[2] 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 [1]
Secure trunk	no

Remarks:

[1] T.38 must be disabled in system

√	= supported
-	= not supported by provider

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	-

√	= supported
-	= not supported by provider

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	-

Remarks:
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	√

√	= supported
-	= not supported by provider

Table of History

Version	Date	Changes
…	…	….

88	2020-06-02	Update for V3:
		Add new ITSP profiles:
		    Unitymedia – Germany
		    CITEC Universe SIP Trunk – Germany
		    Omnidat – Germany
		    R-Kom – Germany
		    ImproWare - Switzerland
		    BCOM – Belgium
		    X2Com – Belgium
		    WOBCOM – Germany
		    Wilhelm.tel – Germany
		    Codepi – France
		    Datel – Germany
		    Tele AG – Germany
		    Nexphone - Switzerland
		Update supported ITSP profiles:
		    Destiny (use session timer)
		    BKM – Belgium (server names, call number format,..)
		    Telekom company Flex – original number in From
		    Telekom DLAN SIP Trunk – original number in From
		Delete obsolete profiles:
		    Acropolis – France
		    Tus Telekom

89	2020-10-19	Update for V3R0.1:
		Add new ITSP profiles:
		    TelemaxX – Germany
		    VoipQ - Netherlands
		Update supported ITSP profiles:
		    Sunrise – Switzerland (general update)
		Delete obsolete profiles:
		    n/a

90	2021-03-01	Update for V3R1:
		Add new ITSP profiles:
		    Voiceworks DE – Germany
		Update supported ITSP profiles:
		    Voiceworks NL – Netherlands (new name)
		Delete obsolete profiles:
		    n/a

Version	Date	Changes
91	2021-12-13	Update for V3R1.2: Add new ITSP profiles: KPN TLS NL – Netherlands Pocos NL - Netherlands rgi VoIP Trunk 200 – Germany Scaldis B.V. - Netherlands Update supported ITSP profiles: Ecotel sip Trunk 2.0 – support of Geo-Redundancy purtel – stopped T.38 Fax service Telekom Company Flex – no switch back to the primary SIP outbound proxy within 15 minutes (hidden parameter – automatically active) Telekom DLAN SIP Trunk – no switch back to the primary SIP outbound proxy within 15 minutes (hidden parameter – automatically active) Obsolete profiles (to be deleted in upcoming HotFix): KPN TLS NDL – Netherlands Pocos NDL - Netherlands
92	2022-06-01	Update for V3R2: Add new ITSP profiles: AAPT – Australia Released without profiles: EasyFone - Germany Keyyo – France Update supported ITSP profiles: Vodafone Anlagenanschluss R4 – recertified R4.b incl. TLS (w/o profile change) Delete obsolete profiles: KPN TLS NDL – Netherlands Pocos NDL - Netherlands
93	2022-06-08	2nd Update for V3R2: Released without profiles: envia TEL - Germany
94	2022-12-01	Update for V3R2.1: Add new ITSP profiles: Sparks Voice Connect – Australia Orange BE SIP – Belgium Keyyo - France EasyFone – Germany envia TEL – Germany G9 Telecom - Portugal Released without profiles: n/a Update supported ITSP profiles: Orange BE S&F - Belgium KPN TLS NL – Netherlands Vodafone Anlagenanschluss R4 – Germany Sunrise - Switzerland Delete obsolete profiles: Orcon Ltd – Australia TelstraClear WSIP - Australia

Version	Date	Changes

95	2023-10-06	Update for V3R3:
		Add new ITSP profiles:
		    Drei Business SIP Connect – Austria
		    Dstny – France
		    Komro – Germany
		    Magenta – Austria
		    RoutIT TLS- Netherlands
		    Vodafone Anlagenanschluss R5 – Germany
		Released without profiles:
		    Helinet - Germany
		    htp Business FleX Smart – Germany
		Update supported ITSP profiles:
		    BT Wholesale – UK
		    Telekom Company Flex - Germany
		Delete obsolete profiles:
		    ecotel sipTrunk Connect 1.0 – Germany
		    ecotel sipTrunk DDI – Germany
		    Tele 2 – Austria
		    UPC Austria – Austria
		    Vodafone Anlagenanschluss – Germany
		    Vodafone Anlagenanschluss R3 – Germany

96	2023-12-11	2nd Update for V3R3:
		Released without profiles:
		    BITel Business SIP Flex- Germany
		    Gamma NGN (DE) – Germany
		    wittenberg-net GmbH - Germany
		Update supported ITSP without profile change:
		    EWE Voice+ SIP Trunk Flex – Germany

97	2024-03-11	Update for V3R3.1:
		Add new ITSP profiles:
		    BITel Business SIP Flex - Germany
		    Gamma NGN (DE) – Germany
		    Helinet – Germany
		    htp Business FleX SIP-Trunk smart – Germany
		    wittenberg-net GmbH – Germany
		Released without profiles:
		    Net4You-Voice4Biz - Austria
		Update supported ITSP profiles:
		    easybell – Germany (CLIR)
		    EWE Voice+ SIP Trunk – Germany (Domain, CLIR, CNS)
		Update supported ITSP without profile change:
		    M-net Premium SIP-Trunk – Germany (CNS)
		    Universe SIP Connect – Germany (TLS, CNS)
		Delete obsolete profiles:
		    n/a

Version	Date	Changes

98	2024-07-05	Update for V3R3.2:
		Add new ITSP profiles:
		    Net4You-Voice4Biz - Austria
		Update ITSP profiles:
		    EWE Voice+ SIP Trunk – Germany (TLS)
		    M-net Premium SIP-Trunk – Germany (CNS)
		    Universe SIP Connect – Germany (TLS, CNS)
		Update ITSP without profile change:
		    M-net Premium SIP-Trunk – Germany (media renegotiation)
		    Swisscom Smart Business Communication (new config guide)
		Delete obsolete profiles:
		    HFO Telecom NGN - Germany
		    Skype for Business – all countries
		    Swisscom BCON - Switzerland
		    Swisscom VoipGate - Switzerland

99	2024-12-03	Update for V3R4:
		
		From now on new certifications are released for
		    OpenScape Business V3 Mainboard Familiy
		    OpenScape Business S
		
		Add new ITSP profiles:
		    herweck callamar – Germany
		    Virtual Call – Austria, Brazil, Germany, Spain, Switzerland, UK
		Beta without profiles:
		    Vodafone Anlagenanschluss R6 – Germany
		Update ITSP profiles:
		    M-net Premium SIP-Trunk – Germany (media renegotiation)
		Update ITSP without profile change:
		    Swisscom Enterprise SIP - Switzerland
		Delete obsolete profiles:
		    n/a

100	2025-02-12	Update for V3R4:
		Released without profiles:
		    Kwebbl SIP Trunk – International
		    phonestar* - Switzerland

101	2025-04-09	Update for V3R4: Released without profiles: Swisscom Smart Business Connect Internet Trunk – Switzerland

102	2025-05-15	Update for V3R4.1:
		Released ITSP profiles:
		    Proximus Enterprise Voice - Belgium
		    Vodafone Anlagenanschluss R6 (TCP) – Germany
		Released without profiles:
		    GVG Glasfaser, Thüringer Netkom – Germany

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