

OpenStage WL3 OA-XML description
Status: November 2013

Purpose of this Document:

This document shows the XML definitions for messages realized in the Wireless Service Gateway (WSG) accessible via the OAP Protocol. The actual functionality can be found direct in the WSG as html document.

OA-XML version 1.8

Created 2013-11-29

History

Version	Change
1.0	Approved
1.1	Added introduction. Updated text for Output_Activity
1.2	Changed constraints for Alarm Data, compensates for limitations. Added element "Intensity" to Message service.
1.3	Added Function Key ID
1.4	Added possibility to remove Reject option for message with confirmation
1.4a	Default parameter values in documentation conforming to Unite protocol.
1.5	Added image elements to Interactive Message.
1.6	Added ApplicationStatusLog.
1.8	Added ApplicationAddress field to ApplicationStatusLog.

Introduction

The OA-XML protocol contains definitions for messages that can be sent and received using an OA-XML enabled interface, e.g. OAJ or OAPv4.

Note: Not all devices or carrier interfaces handle every tag or service available in this protocol. The device have to have support for the XML tag that are to be used. See Data Sheets for each device for more information.

Message

This is basic messaging which enables an application to send a text message to a specific destination. The message can be displayed on portable devices such as pocket receivers and cordless phones, or a corridor display, etc.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Message>
    <Subject>Subject Text</Subject>
    <Body>Body Text</Body>
    <Indication>
      <Beep>2</Beep>
      <Intensity>Normal | None | Silent | Low | Medium | High | Max</Intensity>
      <Urgent/>
      <Colour>Red | Green | Blue | Yellow | Orange | Cyan | Purple | Brown</Colour>
      <Repetition>
        <Interval_time>60</Interval_time>
        <Number_of_repetitions>3</Number_of_repetitions>
      </Repetition>
    </Indication>
    <TTL>120</TTL>
    <Priority>7</Priority>
    <Tag>Code Blue</Tag>
  </Message>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Subject

Description	The subject of the message. This is the text part that explains the substance of the body part. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 1000

Body

Description	The body of the message, normally used for the main content of the message. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 5000

Indication

Description	The indication element brings together a group of elements defining how to indicate the message for a user .
Occurance	Optional

Beep

Description	Beep characteristics. A value that determines the indication in the device. Within System 900 the value can be 0-9. Default value: 2
Occurance	Optional
Type	integer: Min = 0: Max = 99

Intensity

Description	Defines the intensity of the indication. This may determine sound volume, LED flashing etc. The device determines the intensity if this element is omitted. Values: "Normal" (according to device parameter settings) "None" (no sound, no vib, no led) "Silent" (no sound) "Low" "Medium" "High" "Max" Default value: "Normal"
Occurance	Optional
Type	Enum: Normal None Silent Low Medium High Max

Urgent

Description	The message is defined as urgent and will break through silent mode.
Occurance	Optional

Colour

Description	Defines the colour of the indication. Default value: Device specific colour indication if element is omitted.
Occurance	Optional
Type	Enum: Red Green Blue Yellow Orange Cyan Purple Brown

Repetition

Description	The Repetition element brings together a group of elements defining display repetitions for the device. Default: Indicate once.
Occurance	Optional

Interval_time

Description	Interval time for repetition of indication. Indication (Beep) repeats until silenced by user or Number_of_repetitions is reached.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

Number_of_repetitions

Description	Number of repetitions of indications with the interval time as set by Interval_time.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

TTL

Description	This is the total time in seconds the paging is valid after it has arrived to the device. Time in seconds. Default: No limitation of life time, if this element is omitted (It is up to the receiver to decide when to delete).
Occurance	Optional
Type	integer: Min = 1: Max = 999999

Priority

Description	<p>Message priority</p> <p>1 : alarm priority (should be used with special care)</p> <p>2-4 : high priority</p> <p>5-7 : normal priority</p> <p>8-9 : low priority</p> <p>Default value: 6</p>
Occurance	Optional
Type	integer: Min = 1: Max = 9

Tag

Description	A text that categorizes the sent block. The category is primarily used when analysing data in the System Activity Log.
Occurance	Optional
Type	string: Min length = 1: Max length = 25

Message_with_Confirmation_Request

This message has the same content as basic messaging but extended with the possibility to request a confirmation from the reader of the message. This possibility is however not supported by all portable devices in the Ascom system.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Message_with_Confirmation_Request>
    <Remove_reject_option/>
    <Message>
      <Subject>Subject Text</Subject>
      <Body>Body Text</Body>
      <Indication>
        <Beep>2</Beep>
        <Intensity>Normal | None | Silent | Low | Medium | High | Max</Intensity>
        <Urgent/>
        <Colour>Red | Green | Blue | Yellow | Orange | Cyan | Purple | Brown</Colour>
        <Repetition>
          <Interval_time>60</Interval_time>
          <Number_of_repetitions>3</Number_of_repetitions>
        </Repetition>
      </Indication>
      <TTL>120</TTL>
      <Priority>7</Priority>
      <Tag>Code Blue</Tag>
    </Message>
  </Message_with_Confirmation_Request>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Remove_reject_option

Description	A message with confirmation has as default both Accept and Reject options. Adding this element to the message will remove the Reject option.
Occurance	Optional

Subject

Description	The subject of the message. This is the text part that explains the substance of the body part. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 1000

Body

Description	The body of the message, normally used for the main content of the message. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 5000

Indication

Description	The indication element brings together a group of elements defining how to indicate the message for a user .
Occurance	Optional

Beep

Description	Beep characteristics. A value that determines the indication in the device. Within System 900 the value can be 0-9. Default value: 2
Occurance	Optional
Type	integer: Min = 0: Max = 99

Intensity

Description	Defines the intensity of the indication. This may determine sound volume, LED flashing etc. The device determines the intensity if this element is omitted. Values: "Normal" (according to device parameter settings) "None" (no sound, no vib, no led) "Silent" (no sound) "Low" "Medium" "High" "Max" Default value: "Normal"
Occurance	Optional
Type	Enum: Normal None Silent Low Medium High Max

Urgent

Description	The message is defined as urgent and will break through silent mode.
Occurance	Optional

Colour

Description	Defines the colour of the indication. Default value: Device specific colour indication if element is omitted.
Occurance	Optional
Type	Enum: Red Green Blue Yellow Orange Cyan Purple Brown

Repetition

Description	The Repetition element brings together a group of elements defining display repetitions for the device. Default: Indicate once.
Occurance	Optional

Interval_time

Description	Interval time for repetition of indication. Indication (Beep) repeats until silenced by user or Number_of_repetitions is reached.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

Number_of_repetitions

Description	Number of repetitions of indications with the interval time as set by Interval_time.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

TTL

Description	This is the total time in seconds the paging is valid after it has arrived to the device. Time in seconds. Default: No limitation of life time, if this element is omitted (It is up to the receiver to decide when to delete).
Occurance	Optional
Type	integer: Min = 1: Max = 999999

Priority

Description	Message priority 1 : alarm priority (should be used with special care) 2-4 : high priority 5-7 : normal priority 8-9 : low priority Default value: 6
Occurance	Optional
Type	integer: Min = 1: Max = 9

Tag

Description	A text that categorizes the sent block. The category is primarily used when analysing data in the System Activity Log.
Occurance	Optional
Type	string: Min length = 1: Max length = 25

Message_Confirmation_Response

This message is sent back when the user has accepted or rejected a message with a confirmation request. The same message ID as set in the "Message_with_Confirmation_Request" is used as reference.

```

<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Message_Confirmation_Response>
    <Status>accepted | rejected</Status>
    <Priority>7</Priority>
  </Message_Confirmation_Response>
</service>

```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Status

Description	The answer from the device the confirmation was requested from.
Occurance	Mandatory
Type	Enum: accepted rejected

Priority

Description	Message priority 1 : alarm priority (should be used with special care) 2-4 : high priority 5-7 : normal priority 8-9 : low priority Default value: 6
Occurance	Optional
Type	integer: Min = 1: Max = 9

Interactive_Message

Interactive Messaging (IM) is an enhancement of basic messaging. An IM enables two-way communication between units in the messaging system by creating a session between the units. When responding to an interactive message the user can choose among a list of options sent along with the message. Each option is defined as a short descriptive text, the Option Text and one or more actions to take when selected. These actions are set via the Data_response and User_response elements amongst others. Data_response is a short text string that will be sent to the client application. User_response prompts the user for additional data that will be sent to the client application. It is also possible to define that the handset shall call a predefined callnumber when an option is selected. Once in place in a handset an IM can be updated. When the client application is notified about a selection of an option, the IM can be changed to present a new set of options for the user. This gives the IM its true nature of interactive messaging, two-way continuous interaction between the system and the handset user. There are also several other properties defining the options further and defining indication of various types. It is for example possible to remotely delete an IM in various ways or to give it a predefined lifetime after which it will disappear from the handset. Note that there are elements in the block that are not supported by all portable devices. See considerations for interactive messaging, found in the Function Description, Interactive Messaging (IM), TD 92168 GB.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Interactive_Message>
    <Message>
      <Subject>Subject Text</Subject>
      <Body>Body Text</Body>
      <Indication>
        <Beep>2</Beep>
        <Intensity>Normal | None | Silent | Low | Medium | High | Max</Intensity>
      </Urgent/>
    </Message>
  </Interactive_Message>
</service>
```

```

    <Colour>Red | Green | Blue | Yellow | Orange | Cyan | Purple | Brown</Colour>
    <Repetition>
      <Interval_time>60</Interval_time>
      <Number_of_repetitions>3</Number_of_repetitions>
    </Repetition>
  </Indication>
  <TTL>120</TTL>
  <Priority>7</Priority>
  <Tag>Code Blue</Tag>
</Message>
<Update>
  <Method>onlyIfNotExist | onlyExisting</Method>
  <Request_status>onlyOnFail | none</Request_status>
</Update>
<Reminder>
  <Attention>1</Attention>
  <Session>1</Session>
</Reminder>
<Sticky_mode>reset | mode1</Sticky_mode>
<Option>
  <ID>1</ID>
  <List_order>integer</List_order>
  <Display_layer>1</Display_layer>
  <Text>Option Text</Text>
  <Function_key_ID>A</Function_key_ID>
  <Call_request_number>9408</Call_request_number>
  <On_selection>
    <Data_response>1</Data_response>
    <User_response>
      <Data_type>numeric | alphanum</Data_type>
      <Text_label>Enter:</Text_label>
    </User_response>
    <Call_number>
      <Method>9408</Method>
      <Microphone_mode>PTT | micOn</Microphone_mode>
      <Digits>9408</Digits>
    </Call_number>
    <Call_disconnect_data>End</Call_disconnect_data>
    <New_time_to_live>120</New_time_to_live>
    <New_priority>7</New_priority>
    <Show_next_layer>2</Show_next_layer>
    <Sticky_mode>reset | mode1</Sticky_mode>
    <Close_message/>
    <Erase_message/>
    <Erase_option>integer</Erase_option>
    <Disable_option/>
    <Enable_option>integer</Enable_option>
    <Mark_option/>
    <Unmark_option>integer</Unmark_option>
    <Data_response_address>IP/service</Data_response_address>
    <Call_request/>
    <Disconnect_call/>
  </On_selection>
  <Image>
    <Caption>Image text</Caption>
    <File>
      <Url>

```

```

    <Source>http://imageserver/images/1234</Source>
    <Param_format>1</Param_format>
    <Param_version>1</Param_version>
    <Cache_time>10</Cache_time>
    <Preload/>
  </Url>
</File>
<Ignore_aspect_ratio/>
<Min_width>128</Min_width>
<Max_width>128</Max_width>
<Min_height>128</Min_height>
<Max_height>128</Max_height>
<Layout>
  <Halign>center | left | right</Halign>
  <Valign>center | top | bottom</Valign>
</Layout>
</Image>
</On_selection>
</Option>
</Interactive_Message>
</service>

```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Subject

Description	The subject of the message. This is the text part that explains the substance of the body part. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 1000

Body

Description	The body of the message, normally used for the main content of the message. The text in the subject and body elements will be concatenated before transmission to portable devices within System 900. If the text is longer than the device can handle, it will be truncated before transmission.
Occurance	Optional
Type	string: Max length = 5000

Indication

Description	The indication element brings together a group of elements defining how to indicate the message for a user .
Occurance	Optional

Beep

Description	Beep characteristics. A value that determines the indication in the device. Within System 900 the value can be 0-9. Default value: 2
Occurance	Optional
Type	integer: Min = 0: Max = 99

Intensity

Description	Defines the intensity of the indication. This may determine sound volume, LED flashing etc. The device determines the intensity if this element is omitted. Values: "Normal" (according to device parameter settings) "None" (no sound, no vib, no led) "Silent" (no sound) "Low" "Medium" "High" "Max" Default value: "Normal"
Occurance	Optional
Type	Enum: Normal None Silent Low Medium High Max

Urgent

Description	The message is defined as urgent and will break through silent mode.
Occurance	Optional

Colour

Description	Defines the colour of the indication. Default value: Device specific colour indication if element is omitted.
Occurance	Optional
Type	Enum: Red Green Blue Yellow Orange Cyan Purple Brown

Repetition

Description	The Repetition element brings together a group of elements defining display repetitions for the device. Default: Indicate once.
Occurance	Optional

Interval_time

Description	Interval time for repetition of indication. Indication (Beep) repeats until silenced by user or Number_of_repetitions is reached.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

Number_of_repetitions

Description	Number of repetitions of indications with the interval time as set by Interval_time.
Occurance	Mandatory
Type	integer: Min = 1: Max = 999

TTL

Description	This is the total time in seconds the paging is valid after it has arrived to the device. Time in seconds. Default: No limitation of life time, if this element is omitted (It is up to the receiver to decide when to delete).
Occurance	Optional
Type	integer: Min = 1: Max = 999999

Priority

Description	Message priority 1 : alarm priority (should be used with special care) 2-4 : high priority 5-7 : normal priority 8-9 : low priority Default value: 6
Occurance	Optional
Type	integer: Min = 1: Max = 9

Tag

Description	A text that categorizes the sent block. The category is primarily used when analysing data in the System Activity Log.
Occurance	Optional
Type	string: Min length = 1: Max length = 25

Update

Description	Used to update options in an existing IM or to repeat a complete IM to make sure it exists in the device. Note that also elements in the paging part of the message can be updated. Default: Any existing message with same id shall be replaced. Otherwise it shall be treated as a new message.
Occurance	Optional

Method

Description	<p>Defines how the message update shall be handled. Alternatives:</p> <p>onlyIfNotExist : update only if the message has not been received. Normally used to send repeated number of messages for device restart handling.</p> <p>onlyExisting : update only if a message with the same block Id exists in the device. Normally used to update protocol elements. For example to remove an option or restart the indication. Changed elements will be updated and empty elements will be removed.</p> <p>Default behaviour if attribute is omitted: Any existing message with same message ID shall be replaced. Otherwise it shall be treated as a new message.</p>
Occurance	Optional
Type	Enum: onlyIfNotExist onlyExisting

Request_status

Description	<p>Defines the request for status.</p> <p>Alternatives:</p> <p>onlyOnFail : request status if the update failed. It is not considered a failure if a device discards a message that already exists in the device and was sent with the method OnlyExisting.</p> <p>none : no request back regarding status of update.</p> <p>Default: onlyOnFail</p>
Occurance	Optional
Type	Enum: onlyOnFail none

Reminder

Description	The reminder group contains elements relevant to request of user attention.
Occurance	Optional

Attention

Description	Defines the interval between indications for the message. Time in seconds.
Occurance	Optional
Type	integer: Min = 1: Max = 255

Session

Description	Defines how long time after an option in the message has been selected until the message is deleted. Time in minutes.
Occurance	Optional
Type	integer: Min = 1: Max = 255

Sticky_mode

Description	Sets initial sticky mode for message. Alternatives: reset : Previous set sticky mode is removed. mode1 : User must select an option with Sticky_mode set to 'reset' before it is possible to exit message. Default: No sticky mode
Occurance	Optional
Type	Enum: reset mode1

Option

Description	The option group contains elements relevant to user response selection.
Occurance	Optional Multiple

ID

Description	Identification number for the option.
Occurance	Optional
Type	integer: Min = 1: Max = 99

List_order

Description	Order number in list of options. Default: In order of appearance in the protocol.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Display_layer

Description	Number identifying which layer the option belongs to. Default: 1.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Text

Description	The text that indicates the option in the portable device.
Occurance	Optional
Type	string: Max length = 100

Function_key_ID

Description	This element is destination specific and used for terminals with limited capability to handle an interactive messaging scroll list. I.e., it provides the possibility to create hot-key associations for menu options. E.g., the user of the terminal can press key 2 for selection of the second menu option. A, B, C, = 3 soft keys A2, B2, C2, = additional 3 soft keys (valid after selection of corresponding key above) 1, 2, 3, 4, 5, 6, 7, 8, 9, 0 = 10 numeric keys
Occurance	Optional
Type	string: Max length = 2

Call_request_number

Description	Defines the number that should be used for a call connection after a Call Request.
Occurance	Optional
Type	string: Max length = 32

On_selection

Description	This is a subgroup to Option. The elements contain information about the action when an option is selected, and sometimes also predefined data.
Occurance	Optional

Data_response

Description	Defines the data that should be sent in response of selection. Default: No data response if this element is omitted.
Occurance	Optional
Type	string: Max length = 255

User_response

Description	This is a subgroup to On_selection. It allows the user to manually enter data to send back in a response.
Occurance	Optional

Data_type

Description	Expected type of data in response (can be changed in device): numeric : data input is digits alphanum : data input is text Default: alphanum
Occurance	Optional
Type	Enum: numeric alphanum

Text_label

Description	Text prompt i.e. predefined text displayed when data shall be entered. Default: No data prompt to be done if the element is omitted.
Occurance	Mandatory
Type	string: Min length = 1: Max length = 255

Call_number

Description	This is a subgroup to On_selection. It defines a phone call that will be made when the option is selected.
Occurance	Optional

Method

Description	Defines which method to use for the call. first : connect the call and dial the digits (the call must manually be disconnected). once : connect the call, dial the digits and then disconnect. more : the digits are dialled during an ongoing call. (the call must manually be disconnected). last : dial the digits during an ongoing call and then disconnect. Default: first
Occurance	Optional
Type	Enum: first once more last

Microphone_mode

Description	Defines how the microphone shall operate during the call. PTT : Push-To-Talk i.e. a button must be pressed when talking MicOn : Microphone is on Default: MicOn
Occurance	Optional
Type	Enum: PTT micOn

Digits

Description	Defines the call number to be dialled. Up to 32 characters. For DECT GAP systems the following characters have certain meanings: P : Pause T : DTMF on - : DTMF off R : Register-recall Note! The operation is depending of PBX support.
Occurance	Mandatory
Type	string: Min length = 1: Max length = 32

Call_disconnect_data

Description	Send a response when the call is disconnected. Defines the data to be sent as response when the call is disconnected. Default: No response data on call disconnect if this element is omitted.
Occurance	Optional
Type	string: Max length = 255

New_time_to_live

Description	Update time to live. See description for Message for more information about the Time to live element
Occurance	Optional
Type	integer: Min = 1: Max = 999999

New_priority

Description	Change message priority. See description for Message for more information about message priorities.
Occurance	Optional
Type	integer: Min = 1: Max = 9

Show_next_layer

Description	Show next layer of options on selection. Default: No other display layer to be displayed if this element is omitted.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Sticky_mode

Description	Sets sticky mode for message when user selects this option. Alternatives: reset : Previous set sticky mode is removed. mode1 : User must select another option with Sticky_mode set to 'reset' before it is possible to exit message. Default: No sticky mode
Occurance	Optional
Type	Enum: reset mode1

Close_message

Description	Close the currently displayed message. Default: Exit according to device menu if this element is omitted.
Occurance	Optional

Erase_message

Description	Erase the message on selection. Default: No erase of the message if this element is omitted.
Occurance	Optional

Erase_option

Description	Erase an option of the interactive message on selection. Specify the option that should be deleted. Default: The selected option to be erased when option is not specified (ie "") No erase of option if this element is omitted.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Disable_option

Description	Disable the option after selection. Default: No disable of this option if this element is omitted.
Occurance	Optional

Enable_option

Description	Enable disabled option(s) on selection. Specify the option that should be enabled. Default: All disabled options to be enabled when option is not specified (ie ""). No enable of option if this element is omitted.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Mark_option

Description	The option will be marked after selection. Default: No mark of this option if this element is omitted.
Occurance	Optional

Unmark_option

Description	Unmark previously marked option(s) on selection. Specify the option that should be unmarked. Default: If option is not specified (ie. ""), all options are unmarked.
Occurance	Optional
Type	integer: Min = 1: Max = 99

Data_response_address

Description	Specifies the Unite address that should be used for data response. Format IP/service. Default: Sending address.
Occurance	Optional
Type	string: Min length = 1: Max length = 255

Call_request

Description	Requests number from system to use for call connections. This element cannot be used together with Call_number.
Occurance	Optional

Disconnect_call

Description	Defines that this action results in disconnection of any ongoing call started from this IM. Other elements which defines start of a call is not relevant in this option when this element exists.
Occurance	Optional

Image

Description	This is a subgroup to Option. The elements contain information relevant for displaying an image when selecting this option .
Occurance	Optional

Caption

Description	Descriptive text for the image content
Occurance	Optional
Type	string: Max length = 255

File

Description	This is a subgroup to Image. The elements contain information that describes properties for a file.
Occurance	Optional

Url

Description	This is a subgroup to File. The elements contain information and properties for the file location.
Occurance	Optional

Source

Description	File location URL
Occurance	Mandatory
Type	string: Min length = 1: Max length = 255

Param_format

Description	Integer that defines parameter format accepted by server . Alternatives: 1 : Ascom Image Server Default: No parameter format specified.
Occurance	Optional
Type	integer: Min = 1: Max = 255

Param_version

Description	Integer that defines version of parameter format accepted by server .
Occurance	Optional
Type	integer: Min = 1: Max = 255

Cache_time

Description	The number of seconds it is ok to cache the downloaded file. When this expires the file needs to be re-downloaded if the image shall be displayed again. The time shall start when the message is received. Default: No time limit for caching the file
Occurance	Optional
Type	integer: Min = 1: Max = 65535

Preload

Description	If this element is set, the file is allowed be downloaded immediately when the message is received. Typically set for increase user experience for devices with low bandwidth.
Occurance	Optional

Ignore_aspect_ratio

Description	This element indicates if aspect ratio of image is allowed to be changed be receiving device. If omitted, aspect ratio must not be changed by receiver.
Occurance	Optional

Min_width

Description	The displayed image must be at least the minimum number of pixels in width specified by this element. If minimum height also is defined, this pair defines the aspect ratio . If omitted, no restrictions in width.
Occurance	Optional
Type	integer: Min = 1: Max = 65535

Max_width

Description	The displayed image must be at most the maximum number of pixels in width specified by this element. If min width and height is not defined but maximum width and height is defined, this pair defines the aspect ratio . If omitted, no restrictions in width.
Occurance	Optional
Type	integer: Min = 1: Max = 65535

Min_height

Description	The displayed image must be at least the minimum number of pixels in height specified by this element. If minimum width also is defined, this pair defines the aspect ratio. Optional. If omitted, no restrictions in height.
Occurance	Optional
Type	integer: Min = 1: Max = 65535

Max_height

Description	The displayed image must be at most the maximum number of pixels in height specified by this element. If min width and height is not defined but maximum width and height is defined, this pair defines the aspect ratio. If omitted, no restrictions in height.
Occurance	Optional
Type	integer: Min = 1: Max = 65535

Layout

Description	This is a subgroup to Image. The elements contain information defining the horizontal and vertical alignment when displaying the image.
Occurance	Optional

Halign

Description	Horizontal alignment for image Alternatives: - center - left - right Default: center
Occurance	Optional
Type	Enum: center left right

Valign

Description	Vertical alignment for image Alternatives: - center - top - bottom Default: center
Occurance	Optional
Type	Enum: center top bottom

Interactive_Message_Response

This message is sent back when the user has responded on the interactive message. It can contain status of updates and information about which options the user has selected.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Interactive_Message_Response>
    <Data_response>string</Data_response>
    <User_response>string</User_response>
    <Priority>7</Priority>
    <Update_status>failed</Update_status>
  </Interactive_Message_Response>
</service>
```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Data_response

Description	Predefined data that is sent as a response on selection. This is the same data as the Data_response element in the original IM. Default: No data response if this element is omitted in the original IM.
Occurance	Optional
Type	string: Max length = 255

User_response

Description	The data manually entered by the user after selecting an IM option. See also User_response element in the IM block
Occurance	Optional
Type	string: Max length = 255

Priority

Description	Priority of message. This should be set to the same value as the original received IM, i.e. the response to a IM should be handled by the system with same importance as the IM.
Occurance	Optional
Type	integer: Min = 1: Max = 9

Update_status

Description	Defines how the update of an IM was carried through. Default: No response on status for update if this element is omitted.
Occurance	Optional
Type	Enum: failed

Erase_Message

This message is used to erase a previously sent message (e.g. a basic message, a message with confirmation request, or an interactive message). To identify which message to erase the message ID has to be the same as the ID in the previously sent message.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Erase_Message>
    <Priority>7</Priority>
  </Erase_Message>
</service>
```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Priority

Description	Message priority 1 : alarm priority (should be used with special care) 2-4 : high priority 5-7 : normal priority 8-9 : low priority Default value: 6
Occurance	Optional
Type	integer: Min = 1: Max = 9

Alarm

This message is sent when an alarm is sent from a portable device within the system. It contains information about the alarm, such as type of alarm and the time it was sent.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Alarm>
    <Type>monitorReceiver | test | noNewLocation | pushButton1 | pushButton2 | manDown | pullCord |
external | emergencyPhoneCall | verification</Type>
    <Time>YY:MM:DD:hh:mm:ss</Time>
    <Data>1234</Data>
    <Description>string</Description>
    <LowBattery/>
    <Location_Data>
      <Location>
        <Code>00103</Code>
        <Type>system900_IRLF | 9dBaseStation | 9dSignPost | manual | system900RI | 802.11MACAddress
| teleCARE_M-LFB | teleCARE_M-LPR/RF</Type>
        <Time>10</Time>
        <Data>Text</Data>
        <Description>Lunch room</Description>
        <Triggered/>
      </Location>
    </Location_Data>
  </Alarm>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Type

Description	The alarm type. The following applies: monitorReceiver : Monitor receiver alarm test : Test alarm noNewLocation : No new location alarm pushButton1 : Push button alarm 1 pushButton2 : Push button alarm 2 manDown : Man down alarm pullCord : Pull-cord alarm external : External alarm emergencyPhoneCall : Emergency phone call alarm verification : Verification alarm
Occurance	Optional
Type	Enum: monitorReceiver test noNewLocation pushButton1 pushButton2 manDown pullCord external emergencyPhoneCall verification

Time

Description	Time when this alarm was triggered. Format: YY:MM:DD:hh:mm:ss (year:month:day:hour:minutes:seconds).
Occurance	Optional
Type	string

Data

Description	Data included in the Alarm block, for example manual location in System 900 .
Occurance	Optional
Type	string: Min length = 0: Max length = 50

Description

Description	Informational text to log-file, human user etc.
Occurance	Optional
Type	string: Min length = 1: Max length = 160

LowBattery

Description	This element is set to indicate that the device has sent low battery indication together with the alarm. This element can only exist when alarms are distributed from Unite, i.e. it is not applicable when sending alarms to Unite.
Occurance	Optional

Location

Description	This element group includes location information, for example when an alarm has been sent this group gives the location of the alarming unit.
Occurance	Optional Multiple

Code

Description	Location code. Format for System 900 (IR/LF): The location code is 4 hexadecimal characters. 0-9, A-F Format for System 900 Receiver Interface location: The location code is 6 hexadecimal characters (ssBmml), ss=system address, B=bus (A=1/B=2), mm=module address, and l=input number. 0-9, A-F
Occurance	Mandatory
Type	string: Min length = 1: Max length = 50

Type

Description	Type of location. system900_IRLF : System 900 location (IR or LF) 9dBaseStation : 9d Base Station Location (BSL) 9dSignPost : 9d Sign Post Location (SPL) manual : Manual location system900RI : System 900 Receiver Interface location 802.11MACAddress : 802.11 MAC Address teleCAREM-LFB : teleCARE M-LFB teleCAREM-LPR/RF : teleCARE M-LPR/RF
Occurance	Mandatory
Type	Enum: system900_IRLF 9dBaseStation 9dSignPost manual system900RI 802.11MACAddress teleCARE_M-LFB teleCARE_M-LPR/RF

Time

Description	Time in seconds since location code was received.
Occurance	Optional
Type	integer: Min = 0: Max = 999999

Data

Description	This is generic data for the type of location.
Occurance	Optional
Type	string: Min length = 1: Max length = 50

Description

Description	Description of the location. Will appear as 'Location' in the AMC.
Occurance	Optional
Type	string: Min length = 1: Max length = 160

Triggered

Description	This element is set on the specific location that triggered a sending of an Location_Data message from portable device. It will not be present in locations that are included in alarms or in Location_Response messages.
Occurance	Optional

User_data

This message will be received when mobile data is transmitted from a portable device. Mobile data is data entered on a handset, and sent to the system.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <User_data>
    <Data>123</Data>
  </User_data>
</service>
```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Data

Description	Keypad data from portable device.
Occurance	Mandatory
Type	string: Min length = 0: Max length = 255

Input_Activity

This message indicates, for example, that an input on an Alarm Module in System 900 has been activated.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Input_Activity>
    <Status>active | inactive</Status>
    <Description>0</Description>
  </Input_Activity>
</service>
```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Status

Description	The state of the activated input. Possible values: active inactive
Occurance	Mandatory
Type	Enum: active inactive

Description

Description	This is a description of the input. Used for log-files, human user interfaces etc..
Occurance	Optional
Type	string: Min length = 1: Max length = 160

Output_Activity

With this message it is possible to activate an output, e.g. on Elise hardware or system 900 output module. Several outputs can be activated by the same message.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Output_Activity>
    <Activation>
      <Type>reset | activate</Type>
      <Duration>10</Duration>
    </Activation>
    <Tag>Code Blue</Tag>
  </Output_Activity>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Type

Description	Definition of activity. reset = Return to default activate = Output is activated (reverse of default)
Occurance	Optional
Type	Enum: reset activate

Duration

Description	How long the output should be active. Device specific if not specified. For Output Modules within System 900 the following applies: 2-254, 256-65534 seconds 255, 65535 = Active until new activity received for actual output Default value: Device specific if element is omitted.
Occurance	Optional
Type	integer: Min = 1: Max = 999999

Tag

Description	A text that categorises the sent block. The category is primarily used when analysing data in the System Activity Log.
Occurance	Optional
Type	string: Min length = 1: Max length = 25

Location_Data

This message contains information about the location of a portable device. It can contain one or more locations depending on the type of portable device. Location data can either be included in a "Location_Response" message sent as an answer on a location request, or in an "Alarm" message.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Location_Data>
    <Location>
      <Code>00103</Code>
      <Type>system900_IRLF | 9dBaseStation | 9dSignPost | manual | system900RI | 802.11MACAddress |
teleCARE_M-LFB | teleCARE_M-LPR/RF</Type>
      <Time>10</Time>
      <Data>Text</Data>
      <Description>Lunch room</Description>
      <Triggered/>
    </Location>
  </Location_Data>
</service>
```

Elements**Id**

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Location

Description	This element group includes location information, for example when an alarm has been sent this group gives the location of the alarming unit.
Occurance	Optional Multiple

Code

Description	Location code. Format for System 900 (IR/LF): The location code is 4 hexadecimal characters. 0-9, A-F Format for System 900 Receiver Interface location: The location code is 6 hexadecimal characters (ssBmml), ss=system address, B=bus (A=1/B=2), mm=module address, and l=input number. 0-9, A-F
Occurance	Mandatory
Type	string: Min length = 1: Max length = 50

Type

Description	Type of location. system900_IRLF : System 900 location (IR or LF) 9dBaseStation : 9d Base Station Location (BSL) 9dSignPost : 9d Sign Post Location (SPL) manual : Manual location system900RI : System 900 Receiver Interface location 802.11MACAddress : 802.11 MAC Address teleCAREM-LFB : teleCARE M-LFB teleCAREM-LPR/RF : teleCARE M-LPR/RF
Occurance	Mandatory
Type	Enum: system900_IRLF 9dBaseStation 9dSignPost manual system900RI 802.11MACAddress teleCARE_M-LFB teleCARE_M-LPR/RF

Time

Description	Time in seconds since location code was received.
Occurance	Optional
Type	integer: Min = 0: Max = 999999

Data

Description	This is generic data for the type of location.
Occurance	Optional
Type	string: Min length = 1: Max length = 50

Description

Description	Description of the location. Will appear as 'Location' in the AMC.
Occurance	Optional
Type	string: Min length = 1: Max length = 160

Triggered

Description	This element is set on the specific location that triggered a sending of an Location_Data message from portable device. It will not be present in locations that are included in alarms or in Location_Response messages.
Occurance	Optional

Location_Request

This message is a request to the portable device to send a "Location_Response" message with the current location.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Location_Request/>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Location_Response

This is the response to a location request. It contains one or more locations. The same message ID as received with the "Location_Request" message is used.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Location_Response>
    <Location_Data>
      <Location>
        <Code>00103</Code>
        <Type>system900_IRLF | 9dBaseStation | 9dSignPost | manual | system900RI | 802.11MACAddress
| teleCARE_M-LFB | teleCARE_M-LPR/RF</Type>
        <Time>10</Time>
        <Data>Text</Data>
        <Description>Lunch room</Description>
        <Triggered/>
      </Location>
    </Location_Data>
  </Location_Response>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Location

Description	This element group includes location information, for example when an alarm has been sent this group gives the location of the alarming unit.
Occurance	Optional Multiple

Code

Description	Location code. Format for System 900 (IR/LF): The location code is 4 hexadecimal characters. 0-9, A-F Format for System 900 Receiver Interface location: The location code is 6 hexadecimal characters (ssBmml), ss=system address, B=bus (A=1/B=2), mm=module address, and l=input number. 0-9, A-F
Occurance	Mandatory
Type	string: Min length = 1: Max length = 50

Type

Description	Type of location. system900_IRLF : System 900 location (IR or LF) 9dBaseStation : 9d Base Station Location (BSL) 9dSignPost : 9d Sign Post Location (SPL) manual : Manual location system900RI : System 900 Receiver Interface location 802.11MACAddress : 802.11 MAC Address teleCAREM-LFB : teleCARE M-LFB teleCAREM-LPR/RF : teleCARE M-LPR/RF
Occurance	Mandatory
Type	Enum: system900_IRLF 9dBaseStation 9dSignPost manual system900RI 802.11MACAddress teleCARE_M-LFB teleCARE_M-LPR/RF

Time

Description	Time in seconds since location code was received.
Occurance	Optional
Type	integer: Min = 0: Max = 999999

Data

Description	This is generic data for the type of location.
Occurance	Optional
Type	string: Min length = 1: Max length = 50

Description

Description	Description of the location. Will appear as 'Location' in the AMC.
Occurance	Optional
Type	string: Min length = 1: Max length = 160

Triggered

Description	This element is set on the specific location that triggered a sending of an Location_Data message from portable device. It will not be present in locations that are included in alarms or in Location_Response messages.
Occurance	Optional

Availability_Status

This block will be sent whenever a portable device becomes absent, or becomes present again after being absent. The message contains information about the portable call number and the availability status. Depending on the type of portable device, type of system and the type of availability event, information might also be included about in which storage rack and in which position the handset was placed.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Availability_Status>
    <Status>
      <Address>CallNo@IP/service</Address>
      <Code>present | generalAbsent | doNotDisturb | manualAbsent | inMeeting | inStorageRack</Code>
      <Storage_Address>IP/service?ssBmmp</Storage_Address>
    </Status>
  </Availability_Status>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Status

Description	Group of elements containing availability status information for a device.
Occurance	Optional Multiple

Address

Description	Address of the portable device that has reported absence. Format CallNo@IP/service.
Occurance	Mandatory
Type	string: Min length = 1: Max length = 255

Code

Description	Availability status code for the portable device. present : present generalAbsent : general absent doNotDisturb : do not disturb manualAbsent : manual absent inMeeting : in meeting inStorageRack : in storage rack
Occurance	Mandatory
Type	Enum: present generalAbsent doNotDisturb manualAbsent inMeeting inStorageRack

Storage_Address

Description	The Unite address of the position in the Storage/Charging rack. For System 900 the following applies: IP/service?ssBmmp where the position is reported as 6 or 7 hexadecimal characters (ssBmmp), ss = system address, B = bus (A=1/B=2), mm = module address, p = position number (one or two characters).
Occurance	Optional
Type	string: Min length = 1: Max length = 255

Availability_Query

This message is a query about the availability status for a specific portable device. The status will be reported back as an "Availability_Response" message.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Availability_Query/>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Availability_Response

This message is sent as answer to an availability query. The same message ID as received with the "Availability_Query" message is used.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Availability_Response>
    <Code>present | generalAbsent | doNotDisturb | manualAbsent | inMeeting | inStorageRack</Code>
    <Storage_Address>IP/service?ssBmmp</Storage_Address>
  </Availability_Response>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Code

Description	Availability status code for the portable device. present : present generalAbsent : general absent doNotDisturb : do not disturb manualAbsent : manual absent inMeeting : in meeting inStorageRack : in storage rack
Occurance	Mandatory
Type	Enum: present generalAbsent doNotDisturb manualAbsent inMeeting inStorageRack

Storage_Address

Description	The Unite address of the position in the Storage/Charging rack. For System 900 the following applies: IP/service?ssBmmp where the position is reported as 6 or 7 hexadecimal characters (ssBmmp), ss = system address, B = bus (A=1/B=2), mm = module address, p = position number (one or two characters).
Occurance	Optional
Type	string: Min length = 1: Max length = 255

Call_Setup

This message is used to initiate calls in the system. For example a conference call between a group of users, to start a PTT call between portable devices or to support shared lines in a system. The Call_Setup message defines the call and the behaviour in the device during the call. If the application wants a response from the device it must be set here. Refer to Function Description Push-To-Talk (PTT) in Ascom VoWiFi System, TD 92493GB for more information about PTT.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Call_Setup>
    <Text>Call</Text>
    <Beep>2</Beep>
    <Indication>
      <Urgent/>
      <Colour>Red | Green | Blue | Yellow | Orange | Cyan | Purple | Brown</Colour>
    </Indication>
    <Call_number>9408</Call_number>
    <Call_type>normal | normalVoicePTT</Call_type>
    <Answer_mode>manual | auto</Answer_mode>
    <Disconnect_mode>manual | auto</Disconnect_mode>
    <Speaker_mode>off | normal | loud</Speaker_mode>
    <Microphone_mode>PTT | on</Microphone_mode>
    <Request_response/>
    <TTL>120</TTL>
  </Call_Setup>
</service>
```

```

    <Priority>7</Priority>
    <Tag>Code Blue</Tag>
  </Call_Setup>
</service>

```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Text

Description	Text that is displayed in the receiving device. Default value: No text displayed.
Occurance	Optional
Type	string: Min length = 1: Max length = 1000

Beep

Description	Beep characteristics. A value that determines the indication in the device. Within System 900 the value can be 0-9. Default value: 2
Occurance	Optional
Type	integer: Min = 0: Max = 99

Indication

Description	The indication element brings together a group of elements defining how to indicate the message for a user .
Occurance	Optional

Urgent

Description	The message is defined as urgent and will break through silent mode.
Occurance	Optional

Colour

Description	Defines the colour of the indication. Default value: Device specific colour indication if element is omitted.
Occurance	Optional
Type	Enum: Red Green Blue Yellow Orange Cyan Purple Brown

Call_number

Description	The number to dial when the device answers the call (Pick-up-call number).
Occurance	Optional
Type	string: Min length = 1: Max length = 32

Call_type

Description	Defines the type of call that should be set up for a portable. The following applies: normal : Normal call. Will however result in message style PTT if when MicMode is also set to 'PTT' normalVoicePTT : Voice type PTT. Only used when MicMode is set to 'PTT'.
Occurance	Mandatory
Type	Enum: normal normalVoicePTT

Answer_mode

Description	Defines how the call shall be answered in the receiving device. The following applies: manual : The user presses a key to answer the call auto : The device answers the call automatically Default value: manual
Occurance	Optional
Type	Enum: manual auto

Disconnect_mode

Description	Defines how the call shall be disconnected. The following applies: manual : The user presses a key to disconnect the call - which key to press is defined by the device. auto : The device disconnects the call automatically Default: Manual
Occurance	Optional
Type	Enum: manual auto

Speaker_mode

Description	Defines how the speaker on the receiving device shall operate during the call. off : No speaker enabled normal : Normal speaker mode loud: Loudspeaking Mode Default: normal
Occurance	Optional
Type	Enum: off normal loud

Microphone_mode

Description	Defines how the microphone on the receiving device shall operate during the call. PTT : Push-to-Talk i.e. a button must be pressed when talking. on : Mic on (the microphone is on during the call). Default: on
Occurance	Optional
Type	Enum: PTT on

Request_response

Description	Defines that progress information shall be reported back to the sender. This information is sent as Call_Setup response message.
Occurance	Optional

TTL

Description	This is the total time the paging is valid in seconds after it has arrived to the device. Time in seconds. Default: No limitation of life time, if this element is omitted (It is up to the receiver to decide when to delete).
Occurance	Optional
Type	integer: Min = 1: Max = 999999

Priority

Description	Message priority 1 : alarm priority (should be used with special care) 2-4 : high priority 5-7 : normal priority 8-9 : low priority Default value: 6
Occurance	Optional
Type	integer: Min = 1: Max = 9

Tag

Description	A text that categorises the sent block. The category is primarily used when analysing data in the System Activity Log.
Occurance	Optional
Type	string: Min length = 1: Max length = 25

Call_Setup_Response

This message is sent back when the "Request_Response" is set in the call setup. It is used if the sending application wants to log or use a specific status for some purpose, for example sending a rejected message to another device. The same message ID as received with the "Call_Setup" message is used.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Call_Setup_Response>
    <Priority>7</Priority>
    <Status>accepted | rejected | completed | failed</Status>
  </Call_Setup_Response>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Priority

Description	Priority of message. This should be set to the same value as the original received Call_Setup, i.e. the response to a Call_Setup should be handled by the system with same importance as the Call_Setup.
Occurance	Optional
Type	integer: Min = 1: Max = 9

Status

Description	Call response status Possible values: accepted : received when call is accepted. rejected : received when call is rejected. completed : received when the call is completed, i.e. the call has been accepted and disconnected. failed : received when something in the process has failed i.e. unable to handle the call setup. Note: The status failed can also be received if an ongoing call cannot be interrupted, for example if the ongoing call has the same or higher priority than the new call.
Occurance	Mandatory
Type	Enum: accepted rejected completed failed

Device_Property_Request

This message is used to set or retrieve properties in a portable device. Currently, the only property available is the current profile.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Device_Property_Request>
    <Type>set | get</Type>
    <Device_profile>1</Device_profile>
  </Device_Property_Request>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Type

Description	Defines type of property request. Possible values: set : Set specified properties in the device according to the specified element. get : Get specified properties from device. Default: set
Occurance	Optional
Type	Enum: set get

Device_profile

Description	Defines the device/user profile. Also called Mode in some devices. Value of new profile: 0-9 (valid for set) (omitted for get)
Occurance	Optional
Type	string

Device_Property_Response

This message is sent from the device as answer to a device property request. The same message ID as received with the "Device_Property_Request" message is used.

```
<?xml version="1.0" encoding="UTF-8"?>
<service version="1.0">
  <Id>2</Id>
  <Device_Property_Response>
    <Device_profile>
      <Status>success | failed</Status>
      <Value>integer</Value>
    </Device_profile>
  </Device_Property_Response>
</service>
```

Elements

Id

Description	All blocks includes an ID. The ID is hexadecimal numbers between 1 and FFFFFFFF. The ID is used as a reference when sending a response to a previously sent request block.
Occurance	Optional
Type	string

Device_profile

Description	Device profile
Occurance	Optional

Status

Description	Possible values: failed : the request failed success : the request succeeded Default: success (if not included in block).
Occurance	Optional
Type	Enum: success failed

Value

Description	Defines the device/user profile. Numerical value 0 - 9 stating the current profile (mandatory if Device property request/Type is get, else optional).
Occurance	Optional
Type	integer: Min = 0: Max = 9

