Bosch Security Praesensa Connector

Bosch Security Praesensa system

- Name: **Praesensa**
- Version: 1.0.1.0
- Protocol: Proprietary - Bosch
- Interface:TCP/IP
- Runtime: Multiplatform
- Configuration:
  - Devices / Protocols

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Overview

Communication with Bosch Security Praesensa system

Channel Configuration

Protocol Options

This configuration is not required.

Timeout

Tx: 1000

RxStart: 10000

RxFinish: 10000

NextByte: 1000

Node Configuration

Primary Station

PrimaryStation: **<IP>**;**<Port>**;**<Username>**;**<Password>**

Where:

<IP> = IP address of the Praesensa system

<Port> = TCP port where the Praesensa system is listening (default is 9401)

<Username> = Username of Praesensa system

<Password> = Password of Praesesnsa system

E.g.: 192.168.1.101;9401;admin;admin

Points Configuration

Address

The parameters of the Address are configured as the parameters described below:

<Address>: Can be set StartCall, StopCall, and AbortCall.

- StartCall: Creates a call and reproduces the audio. When using the StartCall address the next parameters need to be configured as the preference of the customer.

P.s: The tag must be of kind Digital.

- StopCall: Stop a call. When using the StopCall address, just the “Index” parameter needs to be configured to reference the same StartCall Index created.

P.s: The tag must be of kind Digital.

- AbortCall: Abort a call. When using the AbortCall address, just the “Index” parameter needs to be configured to reference the same StartCall Index created.

P.s: The tag must be of kind Digital.

<Priority>: Priority of the call.

Ranges:

0...31: BGM call priority. Always partial call, regardless of the partial settings.

32...223: Normal call priority.

224...255: Emergency call priority. Always partial call, regardless of the partial settings.

<Output Handling>: There are three options, Partial, Non Partial, and Stacked.

- Partial: Partial calls are calls that proceed even in case, not all required zones are available.

- Non-Partial: Non-Partial calls are calls that require the entire routing to be available at the start of the call and during the call. When during the call a part of the routing becomes unavailable, the call is aborted.

- Stacked: Stacked calls are called that extend partial calls with replays to previously unavailable zones.

<Stacking Mode>: There are two options, ‘Wait for all’ and ‘Wait for each’. This parameter is ignored when Output Handling is set to: Partial or Non-Partial.

- Wait for all: Wait with replay for all zones to become available.

- Wait for each: Start a replay for each zone to become available.

<Stacking Timeout>: Amount of minutes for a stacked call to wait for available resources. The time-out countdown is started at the moment the original call has ended. The accepted range is 1 to 255 minutes. This parameter is ignored when Output Handling is set to Partial or Non Partial.

<Live Speech>: True = Live speech. False = No live speech.

<Repeat>: How many times the messages should be repeated. Value can be:

-1: Repeat infinity.

0: Play message once.

1 … 32767: Repeat count.

<Routing>: List of names of zone groups, zones and/or control outputs. The routing is formatted as a comma-separated set of resource names. No spaces are allowed before or after the separation of commas.

<Start Chime>: The name of the start chime. May be empty, no leading or trailing spaces are allowed.

<Message>: Name of prerecorded messages. The messages parameter is formatted as a comma-separated set of message names.

<End Chime>: The name of the end chime. May be empty, no leading or trailing spaces are allowed.

<Audio Input>: Name of the audio Input (only used when live speech is true).

<Call Timing>: Indicates the way the call must be handled. There are three possible values: Immediate, Shifted and Monitored.

- Immediate: Broadcast to the selected zones and zone groups when the call is started.

- Shifted: Broadcast to the selected zones and zone groups when the original call is finished to prevent audio feedback during live speech.

- Monitored: Broadcast when the call is not canceled within 2 seconds after the monitoring phase has finished.

<Monitor Destination>: The destination zone of the pre-monitor phase of a monitored call. This parameter is ignored when Call Timing is set to Imme diate or Shifted.

<Live Speech Atten>: The attenuation to be used for the audio input during the live speech phase. Range: 0 … 60 dB.

<Start Chime Atten>: The attenuation to be used for the chime generator during the Start chime phase. Range: 0 … 60 dB.

<End Chime Atten>: The attenuation to be used for the chime generator during the End chime phase. Range: 0 … 60 dB.

<Message Atten>: The attenuation to be used for the message generator during the start prerecorded message phase. Range: 0 … 60 dB.

<Index>: ID to identify this command. Can be typed a string.

Driver Revision History

Praesensa Revision History	
Version	**Notes**
1.0.1.0	Initial release on new documentation standards

In this section...
