VINGTOR STENTOFON by ZENITEL GROUP

Release Note EXIGO-1.3.2.10

Summary

Release date	28.04.2017
Release status	Limited Availability, available on request, distributed to Zenitel Demo systems
Software collection file	EXIGO-1.3.2.10.zip

Software included in EXIGO-1.3.2.10.zip

Product	Version	Product description
EXI-Firmware	4.3.2.10	Firmware for the following devices: ESC1(Secondary System Controller), ENA2200, ENA2400, ECPIR-3P, ECPIR-P, EAPIR-8, EAPFX-1, EAPFX-6, EAPII-1, EAPII-6, TKIS-2, TKIE-2
AlphaSys Firmware	12.3.2.9	Firmware for the ESC1 (Primary System Controller/AMC-IP board)
Exigo Management Tool	1.3.2.9001	Configuration tool, installed on a Windows PC
INCA Firmware	2.20.3.8	Software for the CRM-V based panel
VS-DEVICE-MIB	201610190000Z	SNMP MIB for Exigo EXI-Devices, for upload in 3rd-party SNMP based monitoring tools

For upgrade procedures, see PDF document included in each product folder inside the EXIGO-1.3.2.10.zip file; except VS-DEVICE-MIB, as this may vary between monitoring tools.

Improvements

New features

Backup Amplifier (AL-100)

- One amplifier can be configured as a replacement for up to 6 other amplifiers.
- The “replacement candidates” can be prioritized from 1 to 6, where 1 is highest priority; so if more than one replacement candidate is lost, the one with the highest priority will be replaced.
- For details, see our wiki article.

Alphacom and SIP integration (AL-38)

- Exigo supports full Alphacom integration and integration with other SIP trunks.
- Alphacom/SIP Integration is supporting single and AB systems
- An Exigo system can be integrated with multiple Alphacom/SIP systems.
- Alphacom/SIP connection link can be monitored by Exigo
- Alphacom/SIP stations can start and control any pre-configured audio activity in Exigo
- Exigo can send audio to Alphacom stations or groups
- Exigo can send audio via the SIP trunk to SIP stations

- Outgoing calls will have a priority translation from Exigo to standard SIP priorities.
- Control outputs can be triggered by incoming calls from the Alphacom/SIP system.
- For details about Alphacom integration, see our wiki article.
- For details about the SIP integration, see our wiki article.

IP speaker support (AL-52, AL-53)

- Exigo supports 200 IP speakers
- IP speakers are now a separate device in EMT

New Functionality

Turbine Extended kit support (AL-83)

- The Turbine Extended kit (TKIE-1/2) is now fully supported and can be configured in EMT.

Flowire Monitoring (AL-1306)

- For details, see our wiki article.

Auto mute function (AL-1372, AL-1823)

IP speakers and all other audio channels can be configured to be digitally muted based on activity in the system

Multiple escalation functions for each function added (AL-1960)

Adjustable timeout for Recall, Record (AL-1064)

Remote activation of microphones (AL-2734)

ENA Line monitoring: Optional detailed reporting (AL-2592)

By default, the system reports both “Open” and “Shorted” as “Line Fault”. It is now possible to choose detailed reporting for “Open” and “Shorted”.

ENA Line monitoring: Suspend monitoring during alarms (AL-1388)

Amplifiers with high load can generate false load faults during GA. Suspend monitoring will pause monitoring during the alarm to prevent such faults.

System configuration

EMT: Remote device configuration (AL-1761)

Remote device configuration is implemented in EMT under Operation panel. This allows configuration of basic device settings such as IP settings and directory number from EMT.

EMT: Selectable “missing device” reporting (AL-326, AL-1251)

Devices can now be configured to be reported as missing in either A, B or both controllers.

EMT Wizard: Advanced settings pane (AL-773, AL-1767)

In the EMT Wizard, the user can now configure global settings in an advanced settings pane. Including:

- Monitoring of ETH1 or ETH2 on/off for all rack devices and access panels
- AC monitoring on/off for all rack devices
- DC monitoring on/off for all rack devices
- "Enable SSH" flag is moved from the Default Configuration page to the Firewall Setting group in the Advanced Settings
- The Firewall Settings group also have an option to enable the SNMP port

EMT: Option to add multiple devices (AL-2003)

It is possible to add multiple devices to a database with only one drag&drop operation. When selecting a device in the Components pane, there is an option to select how many devices will be added.
If the database is an AB system, and paired devices are selected, then the Add Multiple devices option will add the selected number of pairs to the database.

EMT: Possible to drop new devices in the entire system pane (AL-1968)

EMT: Drag and drop multiple devices to zones (AL-1903)

It is now possible to drag and drop multiple devices to a zone. Use Shift and/or Ctrl keys to select multiple devices before dragging the selected devices to a zone.

EMT: Allow installation of two EMT versions (AL-2502)

It is now possible to have one EMT version 1.2, and one version 1.3, installed simultaneously.

EMT: Backup of database (AL-2504, AL-229)

When opening a project, EMT will check what EMT version the project was created with, and if different from the current version, a backup file (.zip) will be created.

The backup file will be named <ProjectName>_<CreatedInVersion>.zip. The backup file will be saved in a \backup directory inside the project directory. The creation of the backup file goes silently without notification to the user, unless the backup file of some reason cannot be created.

It is also possible to create a backup file manually.

EMT: Restore overwritten project on Fail (AL-1349)

The database is restored if an error occurs when creating a new database and the "Overwrite existing..." flag is checked.

EMT: Indication that a DAK/CI is configured (AL-1278)

It is now indicated in the device structure tree in EMT, whether a DAK or CI is configured, to make it easier to find available DAKs/CIs.

EMT: Dragging input function onto base-CI autogenerates Start/Stop (AL-1298)

Dragging an input function into the base button/CI will auto generate a start/stop pair with the correct

settings.

EMT: Line measurement: priority and name change (AL-1326)

On Audio Activity output action, the Audio Type “Line Test” is changed to “Line Measurement” and default priority range is changed to 1-100.

EMT: Monitoring Mode is default OFF in EMT if no LET or SLM monitoring is selected (AL-1749)

EMT: No longer possible to add a Zone to another Zone (AL-1429, AL-2236)

EMT: SNMP MIB settings on devices (AL-1201)

- Allows custom Sysname, Syslocation and Syscontact to be configured in EMT (not available for PSC)

EMT: IPs of devices reported into ZAP (AL-525)

- When a GET is done on a system IP addresses of all devices will be included

EMT: Possible to "Open File Location" when right clicking a project

EMT: Improved error codes on transfer (AL-1049)

EMT: Remove toggle functionality on Control Input on rack devices in AB systems (AL-2000)

EMT: Line Voltage setting in ENA B follows setting in ENA A (AL-2253)

EMT: Upper limit of channels and line output volume set to +2 dB in EMT (AL-2449, AL-2146)

Volume can be adjusted from +2 to -40 dB (AL-2146)

Usability

Adjustments to device web page (AL-1877, AL-1688)

- Web page on devices simplified as all settings are done through EMT.

Warning generated if line monitoring is enabled and line is not calibrated (AL-1994)

Multicast works for ENA without default gateway configured (AL-514)

Directory number and display text in AlphaWeb (AL-840)

- Directory number is now the same as is typed in “Main Settings”, and Display Text is the same as Display Name in EMT.

Fault messages on SLM faults: Values PVSM, PSCM, PSPM, GFM are removed from fault report

(AL-2187)

- Removed from main fault message. These can still be found by the operator in the audio monitoring sub menu.

Fault “Port x disconnected” renamed “Ethernet port x disconnected” (AL-1104)

Default audio volume set to 0 dB (AL-1694)

GUI change to network icon (AL-1535)

- Network icon in GUI changed to indicate status of connection to PSC in A or B system.

Issues Resolved

- Assign to A or B no longer requires new IP configuration and reboot of target (AL-1554)
- Cannot remove "Timeout" option from a Call Escalation DAK without rebooting (AL-2458)
- Adding a new non-existing panel to the system will only report "missing device" in Controller A (AL-2585)
- Live Speech from DAK with "Wait for PTT" and "Timeout" starts timer from when DAK is pressed, not when PTT is pressed (AL-2197)
- Live Speech toggle from DAK with “Wait for PTT” is not possible to deactivate during the 5 second ”wait for PTT” period (AL-2198)
- ECPIR-3P behaved as registered after being removed from system configuration for up to 5 minutes. (AL-2177)
- TKIS-2: Audio feedback on recall does not work (AL-1166)
- Adding devices to database with two or more "old" directory numbers only allows selecting the oldest (AL-1485)
- Should be able to “Get Database” from B controller if A controller is not responsive (AL-1352)
- Altering between parallel/non-parallel wired CIs gives short loss of network and “missing device” report (AL-1672)
- Not possible to use more that the first NTP server listed in EMT (AL-1671)
- Call Escalation: Red LED hangs if escalated call queues recall (AL-2283)
- Call Escalation: Red LED hangs if escalated recall, control DAK is pushed without recorded message (AL-2285)
- System limitations: High priority audio events will be prioritized if audio resources limitations is met.

COMING IN GENERAL AVAILABILITY 1.3 RELEASE:

Automatic Volume Controller (AVC)

- *Audio level will be adjusted to target level above ambient noise measured by the AVC*
- *One TKIS-2 kit can be used as automatic volume controller for one or more amplifiers*

Background Music Distribution Improvements

- *High bandwidth 48kHz sample rate PCM16 audio codec*
- *One kit is used for each source as a 0dB input to stream to the IP network*
- *Control will be the same as for "Audio Program"*

Advanced program control (AL-2641)

- *Step through a list of programs with a DAK*
- *Adjust volume on one or more amplifier outputs from a DAK*

ExigoNET v0 (AL-2754)

- *Using SIP it will be possible to link two or more Exigo nodes together without a top-level system.*
- *Audio from one access panel can be distributed to the other nodes.*
- *In AB systems A will call A in the other system, while B will call B in the other system*

Known Issues (MTN-numbers in brackets are used for internal references)

CRM-V Access Panels

- Only zone select, audio program, alarm control, message control and live speech is supported.

CRM-V Access panel: Clicknoise from microphone (MTN-1145)

- On CRM-V a clicknoise generated by handheld microphones can be heard on the PA system. This happens due to the reduced delay in the Exigo system

  Workaround: None.

ECPIR-xP: Led behavior with dimmed brightness (MTN-1201)

- Dimming a ECPIR-xP with 4 EBMDR-8 expansion panels in a system with much activity will result in chaotic led behavior.

  Workaround: Disable dimming of leds

TKIS-2

- The mic input on TKIS-2 does not work after upgrade and/or factory default (AL-2714)

  Workaround: Reboot the TKIS-2.

Fault indication

- Changing a device's Fault indication subscription from reporting on system B to report on system A requires rebooting the device to take effect (AL-2163)

Live Speech

- Audio Activity CO set to follow alarm does not change state if interrupted by Live Speech (AL-2652)

  Workaround: Make a "ghost zone" for the alarm that the CO can follow regardless of Live Speech

- Live Speech with "Wait for PTT" is triggered if DAK for "Recall, Record", on the same panel, is pressed during wait period (AL-2699)

  Workaround: Pressing PTT button or toggling off "Recall, Record" will cancel the Live Speech. No recording is made.

Backward compatibility

- It is not possible to downgrade the Primary System Controller from version 1.3 to a 1.2 version by using the conventional downgrade process (AL-2607)

  Workaround: Use the tool "VS-AlphacomXE.ImageUpgrade", found here, to downgrade PSC. Other devices can be downgraded by conventional means. Contact customer services for support.

  Note: It is always recommended to run Software versions from the same release package on all devices in the Exigo system. Replacement devices should be upgraded/downgraded accordingly. Zenitel does not take responsibility for issues that might arise from using incompatible Software versions on different devices.

System Configuration (Commissioning)

- Users may experience slow response times in EMT when configuring very large systems (AL-2075)

- When configuring recall record on ESC1, with device audio input as source, recall control does not play the audio recorded when programmed with "local device" as message source (AL-2436)

  Workaround: Choose the audio input directly.

- ENAx does not receive audio immediately after configuration (AL-2345)

  Workaround: On commissioning, ensure that ENAx is rebooted after first time configuration.

- System Status DAK indicators - Incorrect status after reconfiguration from *system status from A* to *system status from B* (AL-2207)

  Workaround: If changing the configuration of original A/B system from where "System Status DAK LED" should be showing, reboot the panel involved to assure changes take effect.

- ESC1 Call list: Long program names will not be displayed correctly (AL-2531)

  Workaround: Limit program names to 10 standard characters.

- EMT - SNMP Community string allows space character but SNMP does not support space (AL-

2550)

Workaround: Avoid using space in the community string.

- EMT – Zone names with “ (quote) character creates warning (AL-2655)

  Workaround: Avoid using “ in the zone names.

- It is not possible to remove the option "Overwrite Destination" from an already configured Call Escalation DAK without rebooting. (AL-2209)

  Workaround: Panel must be rebooted after the updated configuration is sent from EMT.

- Call option "Release delay" does not work in combination with call option "Wait for PTT". (AL-2610)

  Workaround: Avoid using this combination.

- When changing from parallel wired to not parallel wired Audio Input, Impedance setting does not update correctly until a chilly restart (AL-2654)

  Workaround: Perform a chilly restart.

Line Monitoring

- During continuous LET monitoring and GA at high volume, LETs sometimes fail. (AL-2153)

  Workaround: Always ensure that “Suspend Monitoring” is enabled.