



## RELEASE BULLETIN

### Vingtor-Stentofon INTERCOM SUITE 4.9

#### GENERAL AVAILABILITY

To: all Zenitel offices and Vingtor-Stentofon Partners

Date: 29-05-2018

Zenitel is pleased to announce a general availability release of VS-IS 4.9. Over the past months, our engineering team has been working hard to fully complete and quality assure this milestone intercom product release.

We strongly believe this release is major step forward in bringing the best experience out of our intercom products, especially for SIP and Pulse systems. In line with Zenitel's compatibility vision, existing systems can benefit from this release simply by upgrading device firmware.

#### Major new features:

##### 1. Multicast IP paging for SIP.

Turbine and INCA IP intercom stations and IP speakers now support IP multicast audio when configured in SIP mode. Up to 10 multicast IP addresses can be configured.

##### 2. Virtual I/O script execution based on input status change.

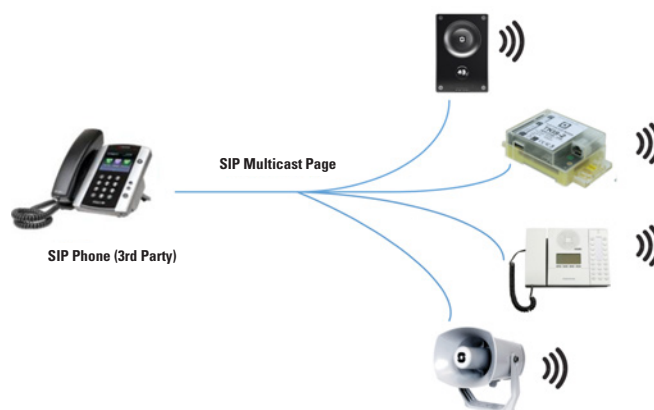
Now you can enable/disable functions like DAK key action (e.g., make a call) according to a state change on certain input. Use cases: disabling intercom for non-authorized personnel using a badge-reader or denying intercom calls without a vehicle in front of the station (detected by a loop into the floor).

##### 3. Advanced Turbine AVC settings on StationWeb.

We have exposed advanced AVC settings on Turbine StationWeb for AVC algorithm parametrization. These options should be used only in cases when the default AVC behavior needs to be fine-tuned and when the technician has a good understanding about the AVC technology.

##### 4. We have added support for SIP Early Media during 180-Ringing or 183-Session Progress.

Now there is support for playing media during SIP 180-Ringing or SIP 183 Call progress, instead of a locally



generated ringing tone. This is a very common setup in IPBX systems where the server generates media to be played during session progress and before call is accepted (e.g., call queued before it is answered).

**5. We have made VS-IMT improvements.**

VS-IMT will now display a warning when TCIV is set as a Pulse server, explaining the limitation and workaround. All DAK actions are now enabled for all Turbine stations, rather than being filtered by station type. We have also made many small bug-fixes and improvements.

**6. We have made improvements to VS-Client.**

We have introduced improvements to how the VS-Client manages system resources under a high system resources load, which should prevent any possible audible interruptions. We also have improved how the VS-Client takes ownership of audio devices; it could happen that the VS-Client locks an audio device such as a USB headset microphone in exclusive ownership, which can cause issues for other applications; this is now improved within the audio engine.

**Package contents VS-IS 4.9.3.0 (general availability)**

Product	Version	Description
VSF-Turbine	4.9.3.0	Firmware for Turbine intercom stations
VSF-INCA	2.8.3.0	Firmware for INCA intercom stations
VS-SDK for Pulse	1.3.3.0	SDK for Pulse system
VS-IMT	1.4.3.1	Intercom manager tool
VS-Client	1.3.3.1	Intercom client for PC

**How to upgrade**

All Turbine and INCA IP stations are ready for upgrade to VS-IS 4.9 software, and, with the VS-IMT upgrade tool, the process should be straightforward. Please consult the documentation before upgrading.

**Availability**

The software download is available from Zenitel Wiki, as a General Availability release.

**Documentation and Additional Resources**

For details on all changes in this and previous releases, please visit the 'Release notes' section on the Zenitel Wiki pages, which can be accessed via <https://wiki.zenitel.com>.

**Your Feedback**

The Zenitel R&D team is more than happy to receive any customer or partner feedback regarding this release. Feel free to provide information directly via these e-mail contacts:

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