

Release Information

Virtual Studio Manager – VSM

vsmGadgetServer Release 5.6.3.109

Author: STB
Last updated: 2025-05-26
Release Date: 2025-05-26

This Release introduces new driver implementations, enhancements, and/ or fixes for the vsmGadgetServer application. Please consult the changelog for additional details.
Please note that vsmGadgetServer 5.6.3 and higher requires basic authentication (local windows user login) to access the configuration UI.

Starting with vsmGadgetServer release 5.6.3.107 and vsmStudio release 25.2.1, the **Ember+ Provider supports the encryption of the communication** between both applications. This is done by use of the **TLS protocol**. The encryption is **enabled by default for any new created providers** and **can be manually enabled for existing providers** by setting the "Secured Connection" property to "true", in the protocol settings of the provider. On vsmStudio side nothing has to be changed. The **detection of the encryption is done automatically.**

Also starting with vsmGadgetServer release 5.6.3.107, **new created Ember+ providers will have the "Single Binding" mode enabled by default.** This means that the provider will only send one binding at a time to the vsmGadgetServer. Also, **the binding alias will not be sent, so the root node of the consumer will become the root node of the provider!**

Including

- **EmberPlus Provider [1.0.22.0]**
"Single Binding Mode" is now enabled by default when a new provider is created.
- **Sony CNA-2 2 [1.0.4.0]**
Fixed reported issue during protocol creation.
- **WebServer**
Reworked session timeout. Default value is 60 minutes.
- **Lawo.DMS**
[RNDVSM-50679] Work on referenced library versions.
- **Core**
[RNDVSM-50759] Work on vulnerability report for DotNetZip library.

- **Arista CVX [1.0.46.0]**
Enabled the updates of the interface bandwidths.
- **Ikegami IUP [1.0.7.0]**
[RNDVSM-50576] Added the following parameters:
 - Dynamic Range
 - Color Space
 - Scene Load/Save.
- **EmberPlus [1.0.21.0]**
 - Added first draft of encryption support for the EmberPlus protocol.
This implementation is currently only known to vsmStudio and will not work with other EmberPlus Consumers.
 - New created EmberPlus providers will automatically enable encryption. Already configured providers will not be changed but can be modified manually via the webUI.
- **Lawo DMS**
 - [RNDVSM-50679] First draft of sqlite support.
 - Drivers using the old mdb format will be renamed to Lawo.DMS.Legacy.
- **WebUi**
[RNDVSM-50697] Fixed reported bug.
- **Simple MQTT Client [1.0.0.0]**
[RNDVSM-50601] Added first draft of the implementation. This driver is supposed to use a generic and simple client approach, like Simple Telnet or Simple Rest Clients. Requires a definition file to describe the model and the MQTT topics.
- **Excluded NMOS Legacy driver from the application**

Software-Download

The latest VSM software release versions can be downloaded from the Lawo Download Center @ <https://lawo.com/lawo-downloads>.

As always, **before updating, backup your system and refer to the changelogs/release notes** of each component to see if your system can be updated. Please also make sure to check and understand all changes, as well as any known issues that may be stated in the changelogs.

A backup of the VSM directory is recommended before upgrade.