

## Major Release Information

# Virtual Studio Manager – VSM

## Version 2022-2

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Included Components (**bold**: updated since last release)

- **Release Information 22-2 (this File)**
- CommTrace\_2-02
- vsmDiscover-2.2.13
- **vsmGadgetServer.Net - 5.6.1.273**
- **vsmGear-B0031**
- vsmPanel - 3.4.12.22
- vsmSnap - 3.2.10.0
- **vsmStudio-B2372**
- **vsmWebPanel-3.4.11.9**
- vSnmpp - 2.0.0.23
- **vTimeSync - 4.4.10.0**

## EOL

- vsmEventImport - 1.0.6
- vsmGadgetServer - 2\_0308
- vsmRemoteMnoplProxy - 1.0.16

## Major Release 2022-2

VSM Release 2022-2 introduces features and improvements as well as continued preparations for coming functional enhancements and important stability fixes in various building blocks within the VSM universe. Please consult the changelogs for each application for additional details. The listed ones are the most important from our point of view. Please refer to the individual changelogs for the resolved issues.

- **vsmGadgetServer**
  - Added new Driver Support
    - Appear XPlatform
    - Ateame Titan Edge
    - Autoscript WinPlus
    - Quintech Matrix Control
    - TAG Multiviewer
  - Improvements
    - Riedel RRCS - Support up to RRCS Version 8.0.22
    - NMOS Client - General Driver Optimizations
    - Audinate Dante - General Performance Optimizations
    - Arista CVX - Support of CVX High Availability
    - C100 - General Driver Optimizations
    - Ember+ Provider - Performance Optimizations
    - GV K-Frame - Support of CPL Version V15
    - Opendgear OGP - Added a new setting “Poll Parameter Values” to enable manual parameter value polling. Should be only enabled if the device implementation does not send unsolicited value updates.
    - GS Event Log now shows the timestamps of when the message occurred on the GS Server
  
- **vsmGear**
  - Improvements
    - Added support for alternative chip revision in all ARM7 based hardware
  
- **vsmStudio**
  - Improvements
    - Virtual Signal assignments are now more robust
    - K-Frame support for four suits
    - Search/Find functionality have been added for most views
    - Support of systems with more than 33 cores
    - Added dedicated “Arrange Z-Order” context menu in the panel editor
    - Added “renumber Z-order based on geometric position” in the Arrange Z-Order menu

- **vsmWebPanel**
  - New Features
    - HTTPS support
  - Improvements
    - WebUi Debug files are no longer part of the installation image
    - Privileges will be checked when changing an ID
    - Optimizations for panels with large amounts of buttons
  
- **vTimeSync**
  - Improvements
    - Minor Performance Optimizations

## Known Issues and Limitations

### vsmStudio - Room Tally

The Room Tally functionality intends to introduce a simplified way to assign tally on a per-room basis. This feature is currently visible in a pre-release state. It is neither completed nor supported and **subject to change without notice. Please do not use!**

### vsmStudio – Bridging

The “Bridging” functionality intends to introduce a possibility to connect VSM systems. This feature is currently visible in various areas in a pre-release state. It is neither completed nor supported and **subject to change without notice. Please do not use!**

## Software Download

To enable you to update systems with the latest version, this release can be downloaded from our online repository. As always, **before updating, backup your system and refer to the changelogs/release notes** of each component to make sure your system can be updated. Please also make sure to check and understand all changes and especially the known issues listed in the changelogs.

As upgrades may introduce a file format change, which implies incompatibilities of the configuration file of vsmStudio, please make sure to create a backup of your VSM directory before you upgrade.

The release download is accessible via the [Lawo Download-Center](#).

## Knowledge Database

Please be invited to browse our continuously growing VSM information base. We have collected all information about our products in one place to give you the possibility to get as many answers to your questions as possible from one repository, our [Public Knowledge Database](#).