

## Major Release Information

# Virtual Studio Manager – VSM

Version 2020-1-0

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

- CommTrace\_2-02
- vsmDiscover-2.2.13
- vsmEventImport-1.0.6
- vsmGadgetServer - 2\_0308
- **vsmGadgetServer.Net - 5.6.1.79**
- **vsmGear-B0029**
- **vsmPanel - 3.4.11.8**
- vsmRemoteMnoplProxy-1.0.16
- vsmSnap - 3.2.9.0
- **vsmStudio-B2321-Release**
- vsmWebPanel-3.4.10.2
- vSnmp-2.0.0.12
- **vTimeSync - 4.4.3.0**

## Major Release 2020-1-0

As major release, **Release 2020-1-0** comes with functional enhancements in various components and provides stability fixes, too.

### vsmStudio

#### Panel Inheritance

As VSM is offering a great level of customization when it comes to adapting operational workflows, usually a certain amount of time is spent with panel design and panel design edits. Up to now, each panel in a configuration was completely self-contained and therefore independent of any other panel. Each panel was built for a specific purpose, including its layout, function set, and content pages. Panels with *similar* function and layout to existing panels could be copied from the first panel, although copying creates a new panel with no functional or design relationship to the original panel.

In daily configurations the number of panels with a certain amount of similarities can be quite high. Similarities include design related (background color or image, key color, key size and layout, ...) or function related (source target selectors, navigation keys, etc.) configuration elements.

Panel inheritance allows to derive new panels from existing panels by keeping a vital relationship between them. If one panel is assigned to be a "parent" panel, it would inherit its entire function and design to "child" panels derived from it. A child panel would have an own panel ID but is a functional 100% derivate of the parent panel. At any time, a child panel allows for individual adoptions, which will make it specifically different to the parent panel. However, if a change on the parent panel is done, that change is inherited to the child panel(s), while layout and functionality changed just on a child panel will not be affected by changes performed on the parent panel.

Panel Inheritance significantly speeds up the process of editing existing panels, especially when many child panels are inherited from a parent panel. As a side effect, panel inheritance significantly improves the memory usage by panels, which pushes the limits of large scale configurations managed by VSM.

#### *Known Issues*

- No panel icons available.
- Joined panels are not displayed as joined
- Back key: using the back key navigates to the layout, which is not intended. Back must navigate to "previous" page.

### vsmGear

Fixed a bug where in some cases after a reset the device couldn't start up the network properly

## vsmGadgetServer

Additional 3<sup>rd</sup> party support.

## vsmPanel

Extended graphical and performance enhancements.

### *Known Issues*

- Not all page items support 4K displaying

## vTimeSync

Bug Fixes.

## 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** 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.

Download available at <http://www.lawo.com/download>

Best regards on behalf of the VSM Team,

Axel Kern