

siteVIEW v2.1 Patch 1

Release Notes

Date: October 2014

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RELEASE OVERVIEW

siteVIEW v2.1 Patch 1 provides software enhancements, amended configuration settings and operational recommendations to ensure robust IP-based connections with siteRSM devices.

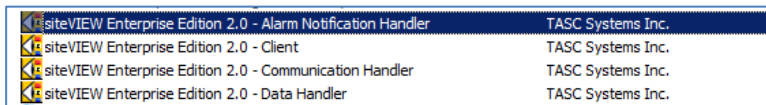
INSTALLING siteVIEW

New Installation

Use the siteVIEW v2.1 User Manual, specifically “Chapter 3: Software Configuration” to install and configure this new version of siteVIEW v2.1.

Upgrading an Existing Installation

To install the new version, first uninstall the following siteVIEW components from Control Panel's Programs and Features:



siteVIEW Enterprise Edition 2.0 - Alarm Notification Handler	TASC Systems Inc.
siteVIEW Enterprise Edition 2.0 - Client	TASC Systems Inc.
siteVIEW Enterprise Edition 2.0 - Communication Handler	TASC Systems Inc.
siteVIEW Enterprise Edition 2.0 - Data Handler	TASC Systems Inc.

siteVIEW Software Components

The uninstall process will retain the configuration information associated with your application – this database of information will be utilized by the new release of siteVIEW v2.0.

Once these components are uninstalled, use the siteVIEW v2.0 User Manual, specifically “Chapter 3.1: Installing the System” (Steps 1 through 4) to install this new version of siteVIEW v2.0.

IMPROVED LOG DATA ARCHIVING

To mitigate issues related to the nightly processing of log data archives on busy systems, siteVIEW v2.1 Patch 1 introduces the *LogTransactionExceptionsOnly* configuration parameter and improved log data processing behavior.

LogTransactionExceptionsOnly Parameter

Previously, if a system was busy processing incoming transactions, these transactions could interfere with the nightly processing of the log data archive function. The nightly processing of log data, which happens at 12:01AM, purges daily activity to XML archive files and thereby ensures that the siteVIEW database is of manageable size. The log data XML files are stored by date and are viewable using the History button.

Multiple successive failures of log data processing can result in database growth and, at worst case, a full database (~4GB). A full database can impair siteVIEW software operations – symptoms include messages within the Microsoft Event Viewer, excessive CPU usage and failed configuration changes. The only workaround to this issue was a DataHandler restart, which would force a database purge.

To prevent this, siteVIEW has added the *LogTransactionExceptionsOnly* configuration parameter. If this parameter is TRUE, which is the default, only transaction exceptions, for example: No Response, Cancelled, NACKs are recorded in the database. Successful transactions, as noted by the “Completed” status are not recorded in the database, thereby greatly reducing the activity on the database. With greatly reduced activity on the database, nightly log processing is far less likely to be interfered with.

The *LogTransactionExceptionsOnly* parameter is found in the DataHandler.exe.config file:

```
<!-- LogTransactionExceptionsOnly (default=true) -->

<!-- True: Logs only failed transactions - for example: non-responsive, cancelled,
etc. -->

<!-- False: All transactions are logged, including successful 'Completed' transactions
-->

<!-- Since successful transactions represent the vast bulk of transactions, recording
successful transactions may not be necessary, esp. for busy systems -->

<add key="LogTransactionExceptionsOnly" value="true" />
```

Improved Log Data Archiving Check

Previously a single transaction activity could interfere with the nightly log data archive process. The new process continues to check every minute for one hour for no transaction activity. When a quiet time is found, the log data archive process continues. If no quiet time is found within the hour, the log data archive process is deferred to the next day.

ADDITIONAL SITEVIEW ENHANCEMENTS

siteVIEW v2.1 Patch 1 has made several other incremental enhancements including:

- If the IP Address of a siteRSM or Ping device was changed, the address change is now properly reflected properly in the devices log files and in the History view.
- Cut to group will not affect the location of the device on the main network tree.
- Previously, adding a control to an IP-based siteRSM was not possible, this has been resolved.