VERTIV™

Trellis™ Real-Time Infrastructure Optimization Platform

Release Notes

VERSION 5.0.1, MARCH 23, 2018

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1 New Features Overview

Version 5.0.1 of the *Trellis*™ real-time infrastructure optimization platform completes our user interface redesign and transition to the Vertiv™ brand. This release is a dramatic change to the use of the *Trellis*™ platform functionality, so we recommend that you speak to your Engagement Manager to identify the best approach for your needs when upgrading to version 5.0.1.

NOTE: Product documentation and supporting videos are also available through your Engagement Manager.

In order to better serve our customer community, the FER logo has been placed next to features that we have added to the *Trellis*™ platform as a result of a customer submitted feature enhancement request (FER). FERs are features and ideas customers submit to Product Management which are then validated with users and prioritized for development based on the total value that they bring to our customers.

Trellis™ Platform Enhancements

- FER **Dashboard:** A global dashboard is available as a visual representation of information such as alarms.
- **Copy/Paste:** The copy and paste functionality is expanded to the elevation view.

2 General Features Overview

The following list details existing components of the *Trellis*™ platform software:

- ***Trellis*™ Management Console platform:** The console platform enables the unified management of the data center IT and facilities infrastructure. The platform of hardware, software and services provides the ability to collect and analyze real-time data from managed devices using a single user interface.
- ***Trellis*™ Inventory Manager software module:** This module provides features to better utilize IT and critical infrastructure equipment by managing the inventory of all physical assets and determining used and available space in the data center.
- ***Trellis*™ Site Manager software module:** This module reports the health of the infrastructure to data center personnel, enabling them to recognize and resolve conditions that impact infrastructure availability and system performance.
- ***Trellis*™ Reports and BI feature:** Reports are created by opening a canned report and applying filters. Filters are used to select data and combine multiple values using logical connectors.

- ***Trellis*™ Power Systems Manager software module:** This module provides data center personnel with the ability to monitor the power flow of their building through a topology view.
- ***Trellis*™ REST APIs:** The REST APIs allow any third party software system to interact with *Trellis*™ platform. These APIs are available as secure web services.
- ***Trellis*™ Process Manager software module:** Designed around industry best practices and input from our customers, *Trellis*™ Process Manager includes four set processes, as well as a better way to assign/ track work and manage approvals through workflow. These four processes include installing, moving, decommissioning and renaming devices. Each of these is configurable to reflect the user's individual workflow. Through these capabilities, the user has the ability to initiate, analyze and report on core data center processes used to drive the business, and can also more effectively manage his/her environment. The value of *Trellis*™ Process Manager lies in its ability to reduce the risks associated with changes in the data center and at the same time, improve worker efficiency.
- ***Trellis*™ Audit Events feature:** The Audit Events feature has been enhanced to cover more of the *Trellis*™ platform functionality to record Audit Events. Examples are Device Create & Place/Delete, Move, Enable/Disable Monitoring, Create/Delete Power Connection and Update Device/Container Properties. Event Description now contains more details such as device name, container name, username, and so on, to give better insight into the respective event. Event Viewer functionality has also been enhanced to support pagination to improve user experience.
- ***Trellis*™ Platform Fine Grained Authorization feature:** The Fine Grained Authorization (FGA) feature is used to provide another level of security where roles are granted View or Manage access rights to resources (enterprises, buildings, floors, spaces, zones, devices) that have been created in the *Trellis*™ platform. Users will only be able to view/manage resources based on roles assigned to them.
- ***Trellis*™ Thermal Systems Manager software module:** The *Trellis*™ Thermal Systems Manager balances total cooling production with the actual heat load at the room and rack level, which allows facilities management to understand the true thermal capacity for planning and redundancy and reduce wasteful overcooling to lower energy costs.

3 Notes and Special Instructions

General Information

- For more information and detailed instructions on using the *Trellis*™ platform, visit https://www.vertivco.com/en-us/products-catalog/monitoring-control-and-management/software/trellis-enterprise-solutions/ for accompanying user documentation.
- Version 5.0.1 does not include the one-line diagram; it will be delivered in a 5.0.1.1 patch.
- Version 5.0.1 of the *Trellis*™ platform supports *Trellis*™ Intelligence Engine version 4.6.1.27 and higher, as well as the Avocent® Universal Management Gateway appliance firmware version 4.0.0.19 and higher, containing the embedded *Trellis*™ Intelligence Engine version 4.0.3.6.

  NOTE: Element Library versions 4.0.0.x and lower are supported by the versions listed. The *Trellis*™ platform version 5.0.1 release supports the following Operating Systems (OS): Red Hat® Enterprise Linux® (RHEL 7, tested on 7.3) and Microsoft® Windows® 2012 R2 Standard.

4 Upgrading the *Trellis*™ Platform

Prior to upgrading the *Trellis*™ platform to version 5.0.1, please refer to the *Trellis*™ Real-Time Infrastructure Optimization Platform Administrator Guide for Linux® or Windows®. Also, if you are currently using version 5.0 and are upgrading to 5.0.1, contact your Engagement Manager to facilitate the upgrade.

NOTE: The *Trellis*™ platform software version 5.0.1 can be applied ONLY on top of version 4.0.3. Do not try to apply 5.0.1 from any previous versions other than 4.0.3.

- If you are upgrading from a previous version other than *Trellis*™ platform software version 4.0.3, all sequential patches must be applied to move to version 4.0.3 before upgrading to 5.0.1.
- Also, customers using the *Trellis*™ platform with an integrated SmartCabinet™ are advised not to upgrade to this release since integration has not been tested with this version.

NOTE: After the *Trellis*™ platform has been upgraded to version 5.0.1 on a Windows® system, the following folder is no longer used by the *Trellis*™ platform: C:\Program Files\EmersonNetworkPower

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