
The *Trellis*TM Real-time Infrastructure Optimization Platform Mobile Access Key Manager Release Notes Version 1.0 **UPDATE!** October 21, 2016

This document outlines:

1. General Enhancements
2. Notes and Special Instructions

1. General Enhancements

The *Trellis*TM platform Mobile Suite version 4.0 introduces this Mobile Access Key Manager to support new security measures and manage the security certificates (CERTs) introduced with the *Trellis*TM platform version 4.0 API. The Mobile Access Key Manager must be properly set up in order for the version 4.0 Mobile Suite to connect to a *Trellis*TM platform version 4.0.0 server. For versions of the *Trellis*TM platform later than 4.0.0, the Mobile Access Key Manager is OPTIONAL and depends solely on the configuration of the *Trellis*TM platform server. The following table shows Mobile Access Key Manager requirements with specific server and client versions.

NOTE: See The *Trellis*TM Real-time Infrastructure Optimization Platform Mobile Suite Release Notes, Version 4.0, for more information on that version of the mobile application.

<i>Trellis</i> TM Platform Server Version	<i>Trellis</i> TM Platform Mobile Suite Client Version	Is the Mobile Access Key Manager Required?
3.4.0	3.4.2	Not required
3.4.1	3.4.2	Not required
4.0	4.0	Required
4.0.1	4.0.1 and higher	Optional, but would be required if the <i>Trellis</i> TM platform instance is configured for two-way SSL
4.0.2	4.0.2 and higher	Optional, but would be required if the <i>Trellis</i> TM platform instance is configured for two-way SSL
4.0.3	4.0.3 and higher	Optional, but would be required if the <i>Trellis</i> TM platform instance is configured for two-way SSL

*Trellis*TM platform version 4.0 requires applications such as the *Trellis*TM platform Mobile Suite to have this mobile access key installed in order to secure communication between the client and the server. This key is generated on the *Trellis*TM platform server and delivered to the mobile client as a file with a .trelliskey extension. The Mobile Access Key Manager allows you to install and manage these keys on your iOS device.

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2. Features

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- The Mobile Access Key Manager is a universal application that runs on any iOS 9 device from an iPhone® 4S mobile digital device to an iPad Pro™ mobile digital device. However, in order to use it with the *Trellis*™ platform Mobile Suite application, the Mobile Access Key Manager must be installed on the same iPad that the *Trellis*™ platform Mobile Suite application is installed.
- A help screen is provided with instructions for installing and configuring keys.
- Key files can be delivered to the application via email attachments, the iMessage® software feature, the AirDrop® software feature, shared cloud storage or any of the other supported methods for getting a file to an iOS device.
- Keys and their associated passwords are stored in an encrypted iOS keychain and are only accessible and available for use by other applications from Emerson Network Power.
- The Mobile Access Key Manager detects the version of the *Trellis*™ platform running on each server that you associate with a key and warns you if that *Trellis*™ platform version does not require a key. It also warns you if the *Trellis*™ platform server is unavailable or unreachable due to network problems.

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3. Notes and Special Instructions

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For *Trellis*™ platform server version 4.0.0 and servers configured for two-way SSL, the mobile application requires SSL Certificates to be generated on the *Trellis*™ platform server and sent to the Mobile Access Key Manager for use by the *Trellis*™ platform Mobile Suite.

- New key installation instructions are under the Help feature within the Mobile Access Key Manager application.
- Server-side certificate creation instructions are in the *Trellis*™ platform version 4.0 API documentation ([https://\[trellis server\]/api/help/trellisrestfulapi.html#Security](https://[trellis server]/api/help/trellisrestfulapi.html#Security)) within the Security section.

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