# VIAVI

## StrataSync 15.5
**Release Notes**

## Notice

Every effort was made to ensure that the information in this manual was accurate at the time of printing. However, information is subject to change without notice, and VIAVI reserves the right to provide an addendum to this manual with information not available at the time that this manual was created.

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# Summary of StrataSync 15.5 changes

- New features

- General improvements / Bug fixes

- New test instrument support

- Known issues

- Supported browsers

- Advanced notices

  - Functional deprecation

# New features

## Test Process Automation

The Test Process Automation (TPA) feature adds a new set of workflow features via a new 'TPA' UI accessible from the existing Admin landing page. It supports Service/Network Activation and Fiber Construction use cases for select VIAVI test instruments with the level of automation dependent on active StrataSync subscription.

- Manual job and job template creation, editing and deletion, with manual job template deployment by user and manual job progress/compliance results viewing with an active SS-PRO-$n$YR or SS-ANALYTICS$n$YR subscription plan.

- Additional test results extraction via API with an active SS-TR-API-$n$YR subscription option added to an active SS-PRO-$n$YR or SS-ANALYTICS-$n$YR subscription plan.

- Fully automated workflow with the addition of the workflow API with an active SS-ENT-WRKFLW-$n$YR subscription plan.

Test Process Automation is incompatible with existing cable and generic workflow managed via the 'Work Orders' UI View and Generic Workflow V2 JSON API.
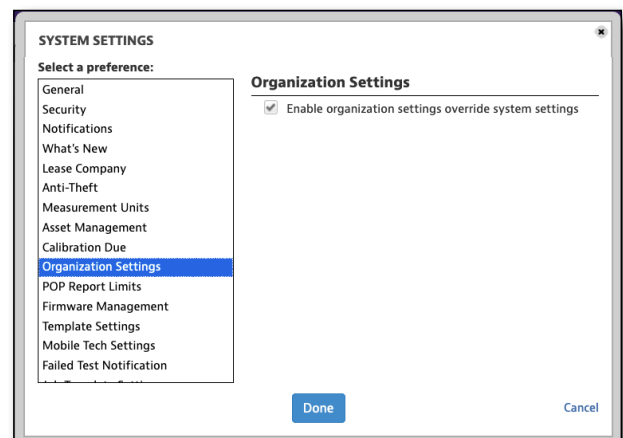
The Test Process Automation features are documented in the *TPA User Guide*, as well as the *TPA API Developer Guides* and instrument guides.

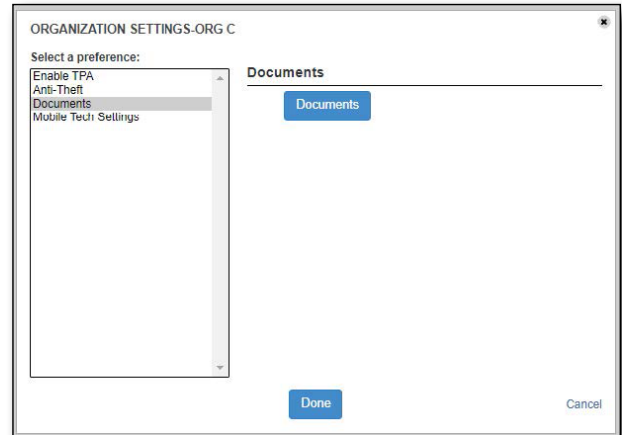## Per-organization Mobile Tech settings and custom documents

Previously, StrataSync licensed accounts could define centralized settings to control VIAVI Mobile Tech app configuration for thousands of technicians, as well as contain customized documents (e.g. testing methods and procedures guides) technicians could view/download via the Mobile Tech app.

Now, account administrators can define these settings at the per-organization level by selecting the settings icon under 'Manage Organizations' when the organization is selected ('Organizations' main view).

(The 'Enable organization settings override system settings' checkbox needs to be checked under *'System Settings' > 'Organization Settings'*).



SYSTEM SETTINGS

Select a preference:
General
Security
Notifications
What's New
Lease Company
Anti-Theft
Measurement Units
Asset Management
Calibration Due
Organization Settings
POP Report Limits
Firmware Management
Template Settings
Mobile Tech Settings
Failed Test Notification

Organization Settings
☑ Enable organization settings override system settings
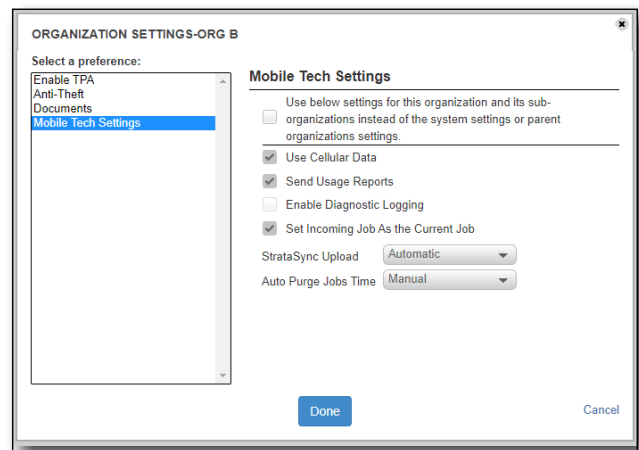
Done          Cancel

For Custom Documents, any documents uploaded for higher-level organizations will also be available at lower-level organizations, so only upload documents at higher-level orgs that should be accessible for everyone. Upload documents at lower-level orgs to target specific workgroups.



For Mobile Tech Settings, setting 'Use below settings for this organizion and sub-organization...' at the per-organization level, overrides any settings at a higher-level organization.

The standard mobile tech settings capability (now including per-organization settings) is only supported for customers with non-expired SS-PRO, SS-ANALYTICS or SS-ENT-WRKFLW subscription plans.

# General improvements / Bug fixes

## Improvements

- The naming of permissions and permissions group for managing jobs (work orders) have been changed from {Add Work Orders|Delete Work Orders|Edit Work Orders|View Work Orders} and Work Order Management to {Add Jobs|Delete Jobs|Edit Jobs|View Jobs} and Job Management, however the permissions work exactly the same for CATV|Fiber|Other Work Orders in previous releases.

- New Approve Jobs and Assign Jobs permissions are available in the renamed Job Management permissions group to support the new TPA workflow capabilities, and have no affect on the existing workorder functionality – please see the new *StrataSync 15.5 User Guide* for more details.

- A new Job Template Management permissions group and associated permissions are available to control user access to job template features in the new TPA Job Manager and Job Templates UI views. They do not impact existing Job Template capability in the existing Work Orders-Job Templates view – please see the new *StrataSync 15.5 User Guide* for more details.

- A new "requestId" field has been added to the body of the response for create workorder and test results search queries from the Cable Workflow JSON API, Generic Workflow V2 API, and the Test Results JSON API. When raising a support ticket with VIAVI TAC, this requestId should be quoted to facilitate troubleshooting.

## Deprecations

- Connections via TLS 1.0/1.1 are no longer supported as previously communicated. Please see *FAQs – StrataSync 15.5 Instrument Compatibility* for details and which legacy VIAVI test instruments can no longer connect to StrataSync.

- Open-end jobs created via the jobmanager.stratasync.viavisolutions.com tool or via the Generic Workflow V2 JSON API are no longer supported for job compliance updates. Only uploaded test results with a StrataSync workorder-matched workflowId in the metadata will be processed to update a workorder's compliance status.

## Bug fixes

- An issue occurred whereby firmware auto-deploy did not result in successful firmware deployment for some asset types and firmware versions – this has been corrected.

- An issue could occur whereby the ONX CATV test instrument could upload an empty test results file, resulting in StrataSync refusing to accept further sync attempts from that instrument (which could have additional impacts such as previously StrataSync-deployed job template files being deleted from the instrument). StrataSync now correctly handles this rare error condition.

### Notices

- Two new fields have been added to the "result" section in the body of the response to the POST {{base_url}}/api/v2/workflow/cable 'Create Workorder' query (Cable Workflow JSON API):

    - "template" – this should always have a value of "false" and can be ignored

    - "workOrderSource" – this should always have a value of "CableWorkflowAPI" and can be ignored

# New test instrument support

## FiberChek via Mobile Tech

The VIAVI FiberChek fiber inspection probe is now supported as an asset type (it was previously supported as an asset type via the now-StrataSync-deprecated FiberChekPRO PC software) by wireless connectivity to a compatible Android or iOS mobile device running the VIAVI Mobile Tech app.

- Supports asset information sync

- Supports upload of test data files as associated with a CDM job.

# Known issues

- Admin users associated with an organization at a higher level than a sub-organization where TPA (Test Process Automation) is enabled, will not see the TPA sub-menu from the existing StrataSync web UI to access the new TPA UI.

    Workaround – create a new user profile associated with the TPA-enabled organization and login with this profile to access the new TPA UI.

# Supported browsers

StrataSync supports the following browsers. VIAVI recommends using the latest browser versions:

- Chrome

- Firefox

- Microsoft Edge

# Advanced notices

## Functional deprecation

- As a result of the Workorder notification support for KPI/Analytics framework capability, the 'Reports' view in the StrataSync UI containing workorder compliance reports is scheduled for deprecation in the StrataSync release *16.0 July 2023*.

    Any customers using the 'Reports' view compliance reports will automatically be provided the functionally equivalent analytics dashboards.

    Customers can contact their VIAVI sales representative to discuss evaluating the analytics dashboards now.

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