



VIAVI Solutions

ReportPRO 1.9

User Guide

Notice

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About this Guide

Thank you for using ReportPRO™. This preface explains how to use this manual to get you up and running with the software as soon as possible.

Purpose and scope

The purpose of this guide is to help you successfully use ReportPRO features and capabilities. This guide includes task-based instructions that describe how to install, configure, use, and troubleshoot the ReportPRO System. Additionally, this guide provides a complete description of the VIAVI warranty and services, including terms and conditions of the licensing agreement.

Assumptions

This guide is intended for novice, intermediate, and experienced users who want to use the ReportPRO System effectively and efficiently. We are assuming that you have basic computer experience and are familiar with basic telecommunication concepts and terminology.

Technical assistance

If you require technical assistance, call 1-844-GO-VIAVI / 1.844.468.4284.

Outside US and Canada: +1-855-275-5378

Email: TAC@viavisolutions.com

For the latest TAC information, visit

<https://support.viavisolutions.com>

<https://www.viavisolutions.com/en/services-and-support/support/technical-assistance>

Introduction

This chapter provides an overview of ReportPRO, StrataSync, TPA and their key features, including the following:

- ["About ReportPRO" on page 10](#)
- ["About StrataSync" on page 11](#)
- ["About Test Process Automation \(TPA\)" on page 13](#)

About ReportPRO

ReportPRO is VIAVI's practical software solution for managing fiber test data and generating professional reports—quickly, accurately, and with minimal effort. Designed for everyday use, it enables technicians, engineers, and project managers to organize test results, customize project structures, and produce clear documentation that supports quality assurance and customer delivery.

With ReportPRO, users can:

- Structure projects to reflect operational workflows
- Import test results from VIAVI instruments, files, or StrataSync
- Export summary or detailed reports in PDF or CSV formats

ReportPRO is available free of charge for its core features, making it an accessible and efficient tool for teams who need to validate and present fiber test data without unnecessary complexity.

ReportPRO is part of the VIAVI Test Process Automation (TPA) ecosystem, working seamlessly with solutions like StrataSync and Mobile Tech to support end-to-end job management—from test planning to execution to reporting. This integration ensures consistency, reduces manual effort, and helps teams deliver results that are right the first time.

By choosing VIAVI, customers benefit from a connected workflow that combines trusted instruments, cloud-based coordination, and streamlined reporting—designed to meet the demands of modern fiber deployment and maintenance.

The screenshot displays the VIAVI ReportPRO dashboard. On the left, a sidebar shows a tree view of projects, with 'Sample Project' selected. The main area is divided into two panels. The left panel, titled 'Common', contains a table of test results. The right panel, titled 'Tier 1 Test', shows details for a specific test, including a 'FAIL' status and a table of measurements.

Timestamp	Test	Site	Label
☒ 1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3
☐ 1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2
☐ 1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1
☐ 1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none
☐ 1/9/2024, 8:36:43 AM	OTDR	--	Rana
☐ 1/9/2024, 8:36:29 AM	OTDR	--	none
☐ 1/9/2024, 8:26:19 AM	OTDR	--	none
☐ 1/9/2024, 8:26:03 AM	OTDR	--	none
☐ 1/9/2024, 8:17:52 AM	OTDR	--	none
☐ 1/9/2024, 8:17:38 AM	OTDR	--	none
☐ 1/4/2024, 3:14:01 PM	Fiber Inspection	--	Fiber-016
☐ 1/4/2024, 3:13:48 PM	Fiber Inspection	--	Fiber-015
☐ 1/4/2024, 3:13:31 PM	Fiber Inspection	--	Fiber-013
☐ 1/4/2024, 3:13:09 PM	Fiber Inspection	--	Fiber-014
☐ 1/4/2024, 3:13:01 PM	Fiber Inspection	--	Fiber-013
☐ 1/4/2024, 3:12:19 PM	Fiber Inspection	--	Fiber-011
☐ 1/4/2024, 3:11:52 PM	Fiber Inspection	--	Fiber-010
☐ 1/4/2024, 3:11:41 PM	Fiber Inspection	--	Fiber-009
☐ 1/4/2024, 3:11:27 PM	Fiber Inspection	--	Fiber-008
☐ 1/4/2024, 12:06:24 PM	Fiber Inspection	--	Fiber-007
☐ 1/4/2024, 12:05:14 PM	Fiber Inspection	--	Fiber-006

Tier 1 Test

Label: FiberID3 Date/Time: 1/26/2024, 12:22:01 PM

Description: Tech Id: --

Measurements Configuration Instrument

Length: (km) 0.0384 Length Status: PASS

1310 1550

Power Reference Time: 1/26/2024, 12:08:59 PM Limit (dB): 1.04

Fiber	Direction	Loss (dB)	Loss Margin Upper (dB)	Loss Te
1	lr	3.05	0.00	FAIL
1	rl	2.74	0.00	FAIL
2	lr	2.24	0.00	FAIL
2	rl	2.48	0.00	FAIL

ReportPRO dashboard

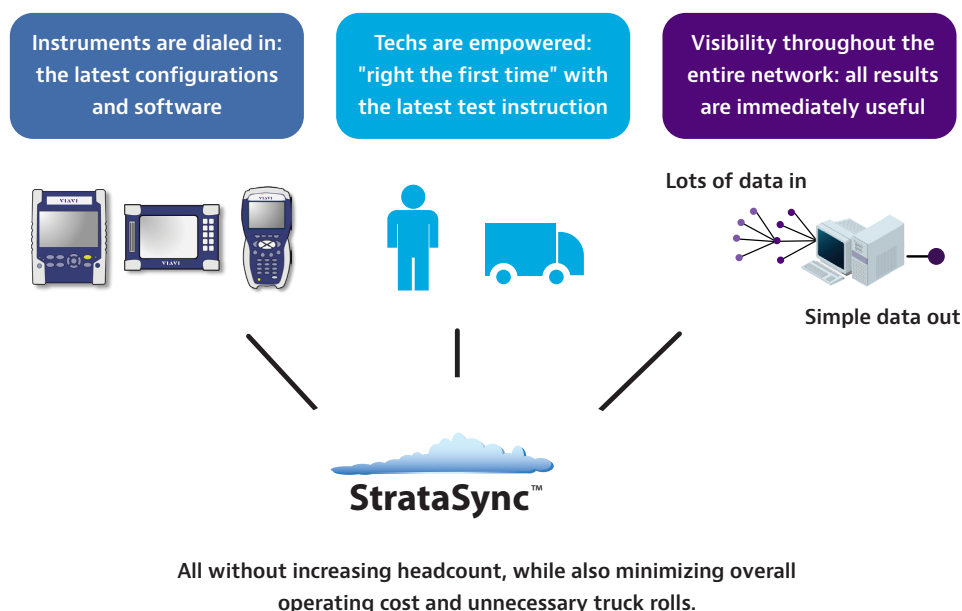
About StrataSync

StrataSync is a hosted, cloud-based software application that provides asset, configuration, workflow, and test data management for a wide range of VIAVI Solutions instruments.

StrataSync manages inventory, test results, and performance data anywhere with browser-based ease and improves technician and instrument efficiency.

StrataSync features

- **Updates and Options** – Field personnel operate at maximum capability and efficiency by knowing immediately when firmware upgrades and instrument options are available. They receive proactive, application-aware notifications, and distribution is managed for specific groups or individuals.
- **Asset and Configuration Management** – Enterprise-wide standardized templates to ensure instruments are aligned to a specific configuration. StrataSync lets users monitor and update asset data, modules, configurations, test plans and scripts, templates, and groups, ensuring technicians consistently have the right instrument configurations when performing tests—increasing first-time success rates and reducing repeat rates.
- **Test Data Management** – A common test data repository makes baselining performance practical, and enables the analysis of network trends for proactive maintenance, improved reliability, and customer satisfaction. StrataSync performs file storage, printing, and exporting, and provides clear dashboards and basic reports.
- **Workflow** – Automatically track whether assigned jobs are being completed and their pass/fail status. Results can be viewed per technician, per region, per subcontractor, or however you like.



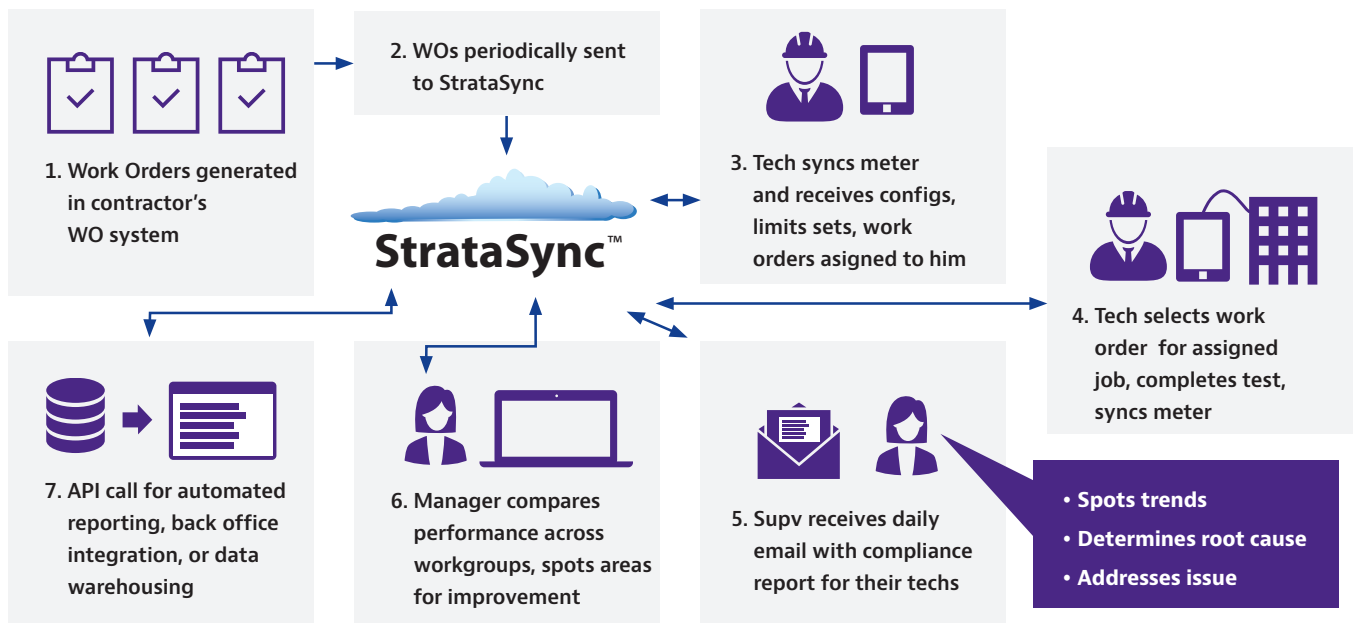
Asset management

StrataSync asset management provides a single, intuitive way to monitor and upgrade assets in the field and office. An administrator can quickly identify out-of-date and under-utilized test sets and target updates and the reallocation of assets. With StrataSync, registration identifies which test units are assigned to each technician. StrataSync tracks each test-set sync with the server, making utilization and test practices visible. Post-analysis of compliance and technician activity provides near real-time coaching opportunities.

Upgrades can be applied automatically during the normal work order process, as technicians use their test sets in the field. This dramatically reduces the amount of time spent in the work center determining the fit-for-purpose status of the test set, identifying upgrade requirements, and then manually upgrading the test set.

Test data management

StrataSync collects and stores test data in a central location, enabling viewing and sharing of test data results. Often, data is not centrally collected and its long-term value is underrated. The causes of repeat truck rolls are obscure, and data from previous tests is not available or is not analyzed. With StrataSync, critical plant-performance information is stored in a secure location, enabling proactive problem-area identification. Test data is also accessible via an API to simplify automated retrieval.



About Test Process Automation (TPA)

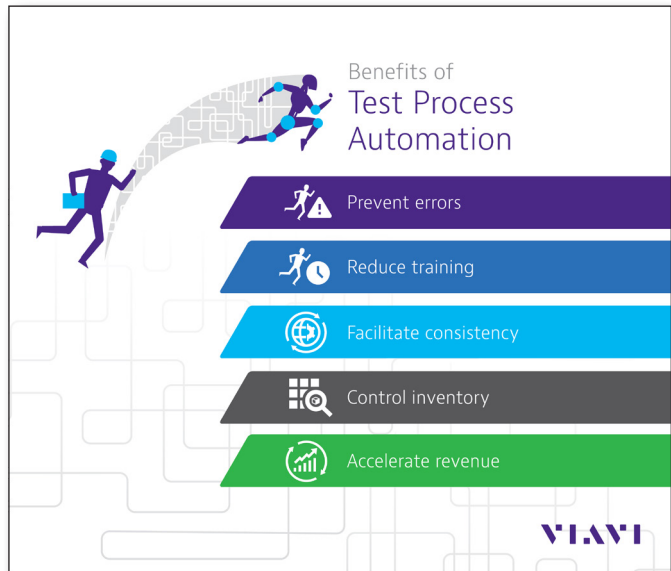
Test Process Automation (TPA) is a cloud-based workflow solution for teams that build, test, and deploy network services.

Powered by StrataSync, TPA connects teams and their test instruments together to ensure alignment, efficiency, and accuracy at every stage of a job.

TPA leverages an ecosystem consisting of 3 parts (StrataSync, VIAVI Mobile Tech, & VIAVI test instruments), each designed to equip team members with the information and resources they need to complete jobs with real-time visibility from start to finish.

Features

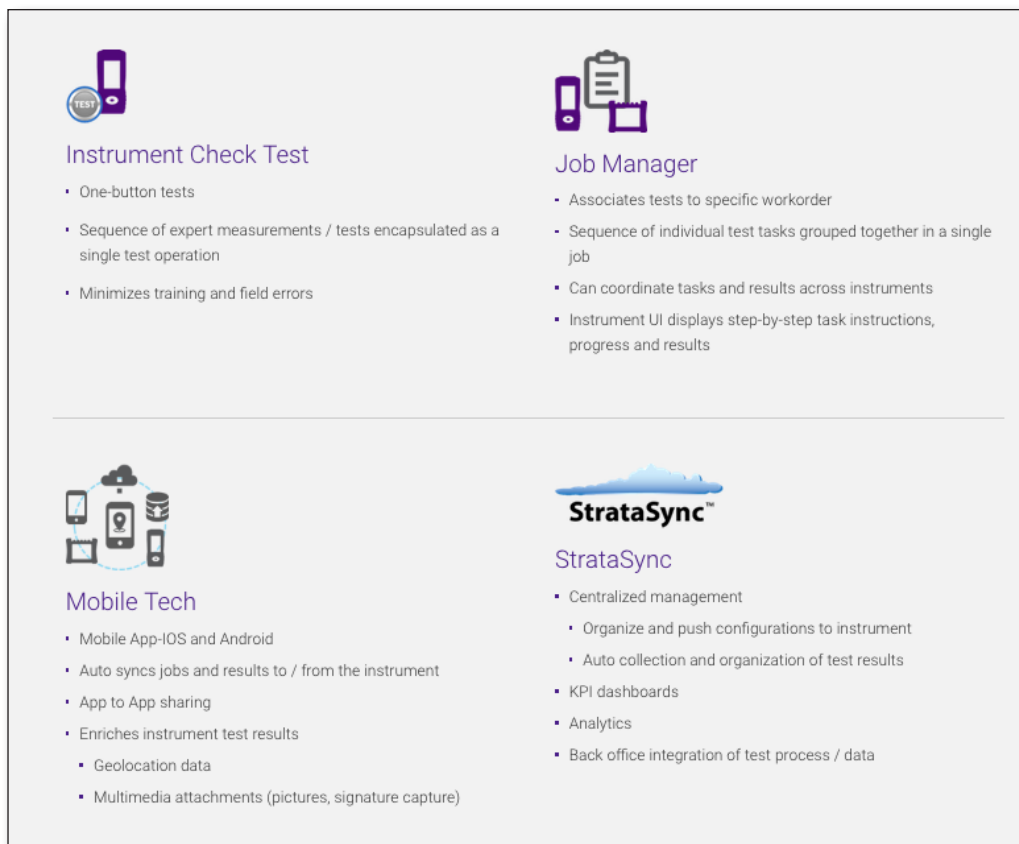
- **Ensure consistent and efficient operational workflows**
 - Automate flow of information throughout your testing ecosystem
 - Design & assign jobs directly to field technicians
 - Use throughout life cycle: Construction > Service Activation > Maintenance > Upgrade
 - Delivering quality results every time
 - Common data model, creating common rules for how things are done.
 - Speed revenue cycles with real-time results and automatic report generation
 - Efficiently manage inventory and software versions
 - Reduce administrative work
 - Save money by reducing operational costs
 - Automated recording
 - Streamline test results collection to a centralized test data repository



TPA is a licensed feature. Contact TAC@viavisolutions.com.

For complete details on TPA, see the [Cloud Services User Guide](#).

- **Simplify the field-testing experience for fiber technicians**
 - Reduce manual test processes and data entry - minimizing human error and increasing the scale of network deployment
 - Same user experience across multiple devices.
 - Reduce training needs with guided test processes with the availability of remote expert help
 - Provide objective evidence of proper job completion with a closed-loop test process
 - Collect and present information to allow customers to analyze the job, team, process, project, network, etc.
 - Speed acceptance and get paid faster
- **Reduce administrative work**
 - Save money by reducing operational costs
 - Automated recording
 - Streamline test results collection to a centralized test data repository

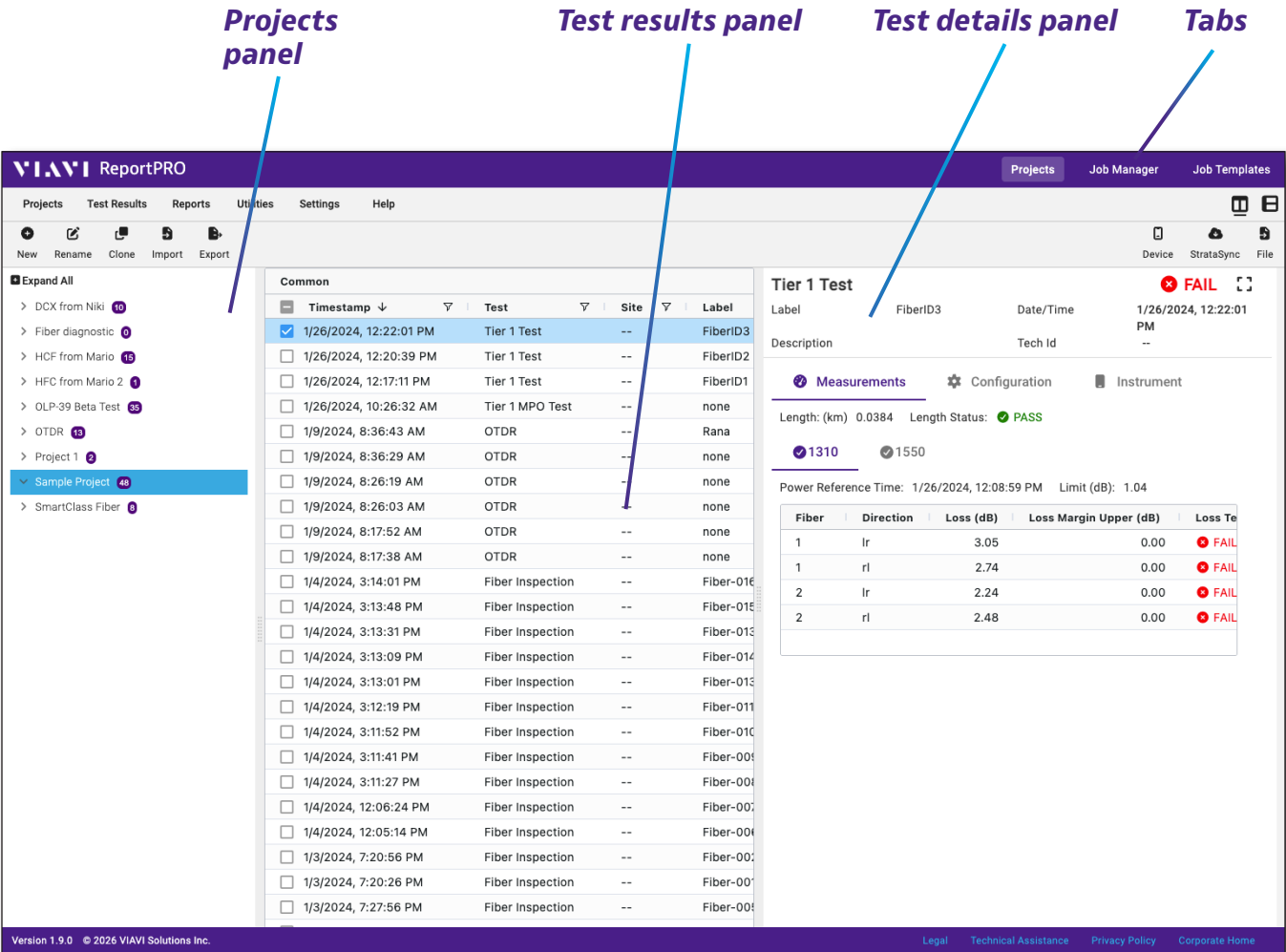


Getting Started

This chapter provides steps to get started using ReportPRO, including the following:

- "ReportPRO overview" on page 16
- "Projects dashboard" on page 17
- "Job Manager dashboard" on page 18
- "Job Templates dashboard" on page 19
- "File buttons" on page 19
- "Settings" on page 20
- "Customizing the dashboard" on page 21
- "Downloading ReportPRO" on page 22

ReportPRO overview



ReportPRO dashboard

NOTE:



The tabs that appear on the dashboard depend on the ReportPRO licenses purchased.

Job Manager and Job Templates require the RP-TPA-JM license, and is per-PC. Contact TAC@viavisolutions.com or your local VIAVI Sales Representative.

Projects dashboard

From the Projects dashboard, you can create and manage projects. Select the **Projects** tab to bring up the dashboard.

For details, see *"Projects" on page 23*.

Projects main menu

Projects tab

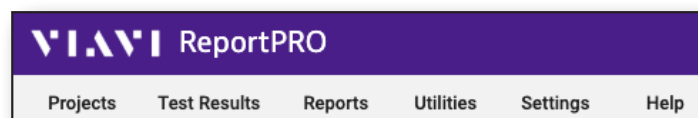
The screenshot displays the VIAVI ReportPRO interface. On the left, the 'Projects' menu is expanded, showing various project categories like 'DCX from Niki', 'Fiber diagnostic', 'HCF from Mario', 'HFC from Mario 2', 'OLP-39 Beta Test', 'OTDR', 'Project 1', 'Sample Project', and 'SmartClass Fiber'. The main area shows a table of test results with columns for 'Timestamp', 'Test', 'Site', and 'Label'. A 'Tier 1 Test' is selected, and its details are shown on the right, including 'Label', 'FiberID3', 'Date/Time', 'Description', 'Tech Id', and 'Measurements'. The 'Measurements' section shows 'Length: (km) 0.0384' and 'Length Status: PASS'. The 'Power Reference Time' is '1/26/2024, 12:08:59 PM' and the 'Limit (dB)' is '1.04'. A table of 'Fiber' data is also shown, with columns for 'Fiber', 'Direction', 'Loss (dB)', 'Loss Margin Upper (dB)', and 'Loss Te'.

Projects dashboard

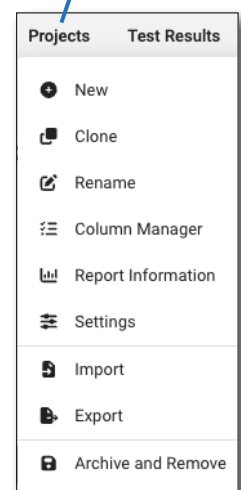
Projects menu

Projects main menu

Select each category within the Projects main menu to open dropdown menus for **Projects**, **Test Results**, **Reports**, **Utilities**, **Settings**, and **Help**.



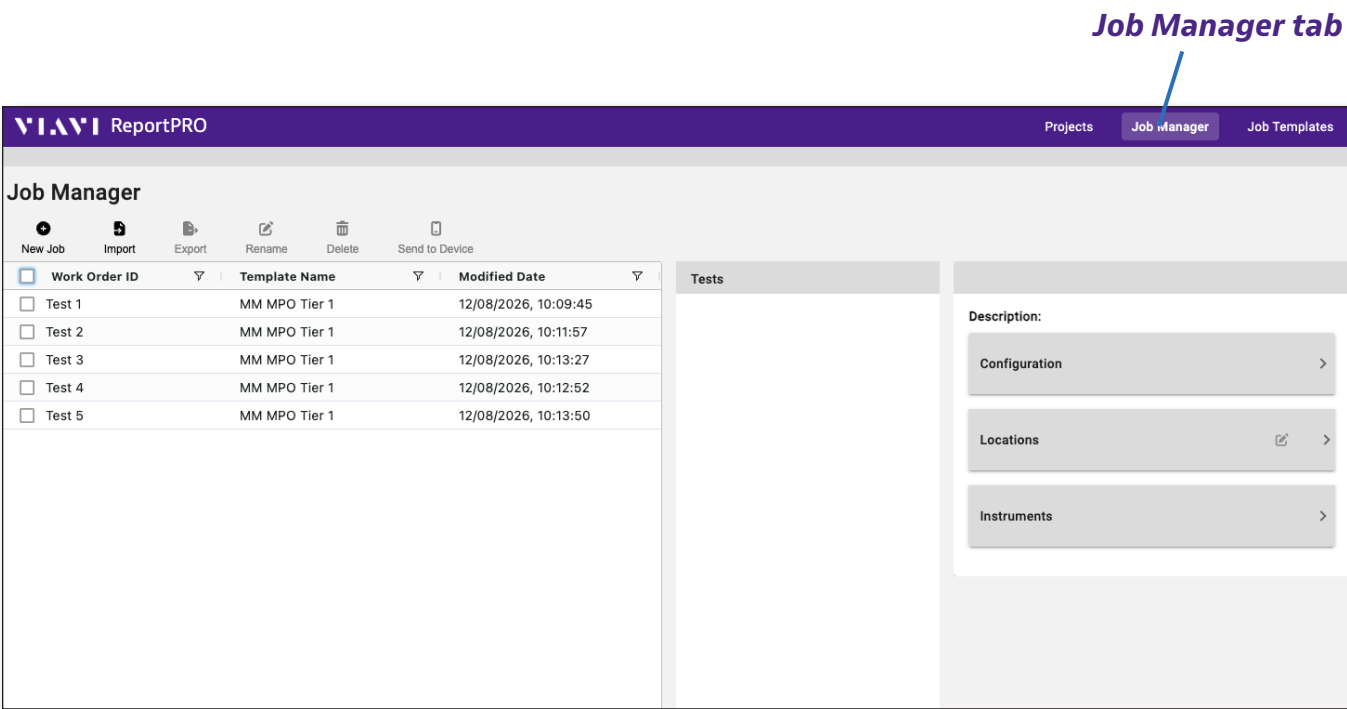
Projects main menu



Job Manager dashboard

From the Job Manager dashboard, you can create and manage jobs. Select the **Job Manager** tab to bring up the dashboard. This feature requires the **RP-TPA-JM** license.

For details, see *"Job Manager" on page 109*.

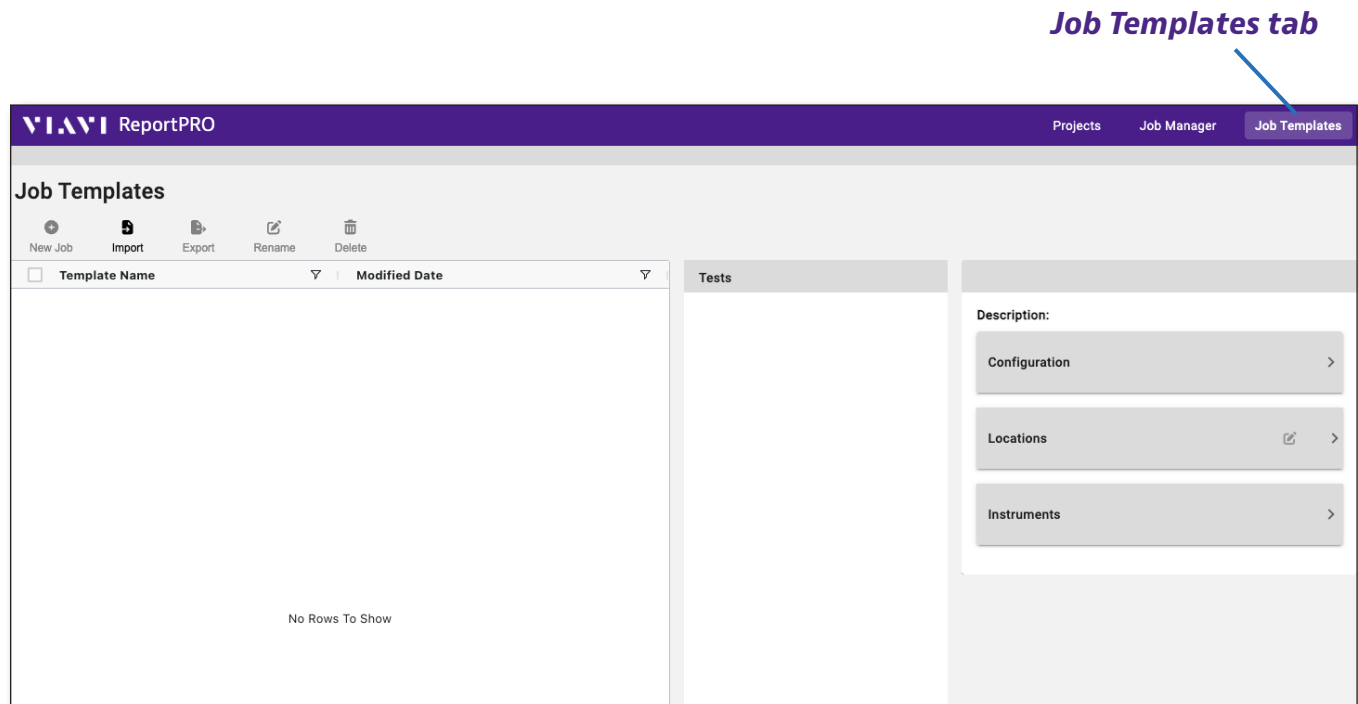


Job Manager dashboard

Job Templates dashboard

From the Job Templates dashboard, you can import and manage job templates. Select the **Job Templates** tab to bring up the dashboard. This feature requires the **RP-TPA-JM** license.

For details, see *"Job Templates" on page 119*.



Job Templates dashboard

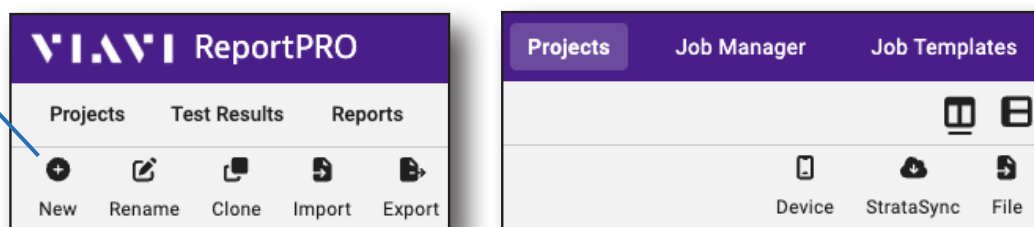
File buttons

For each tab, you can use the file buttons for quick shortcuts, including **New Job**, **Rename**, **Clone**, **Import**, **Export**, and **Delete**.

These are found above the job and templates lists.

The Projects tab also has three additional import buttons on the far right: **Device**, **StrataSync**, and **Test Results**. See *"Importing test result files" on page 50* for more details.

File buttons



Projects tab

Settings

From the Projects dashboard, **Settings** menu, you can customize your settings.

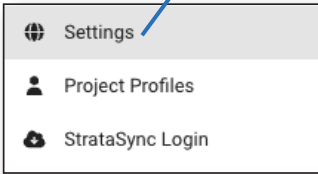
For more details, see *"Settings" on page 99*.

Global Settings – Allows you to set the language, default distance units, and default optical power units, and display theme (light or dark).

Project Profiles – Allows you to customize the profiles for your projects, including the initial **TPA**, **Default**, and **Enterprise** profiles.

StrataSync Login – Allows you to log into StrataSync to import jobs and files.

Global Settings



Global Settings

Language
English

Default distance units
Kilometers

Default Optical power units
dBm

Theme
Dark

☐ Automatic updates

Cancel

Save

Global Settings

VIAT

Sign In

Username

Password

Sign In

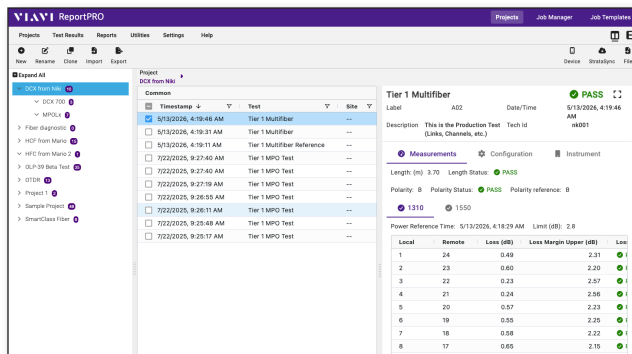
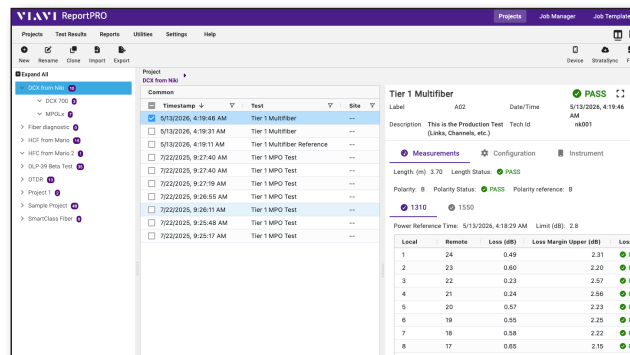
[Forgot your password?](#)

StrataSync log in

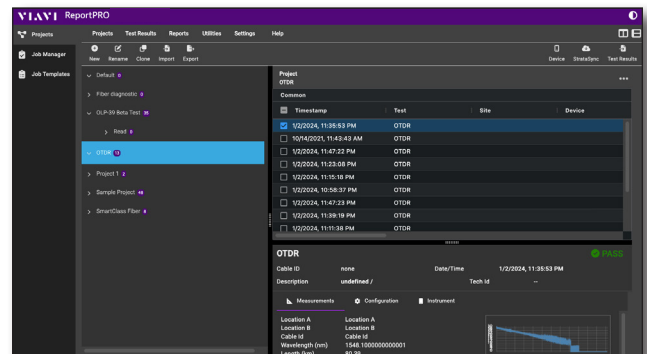
Customizing the dashboard

Toggle view   – Allows you to change the dashboards to vertical or horizontal.

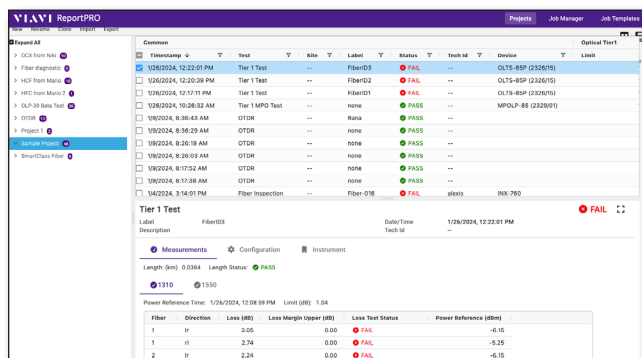
Horizontal /
Verical views



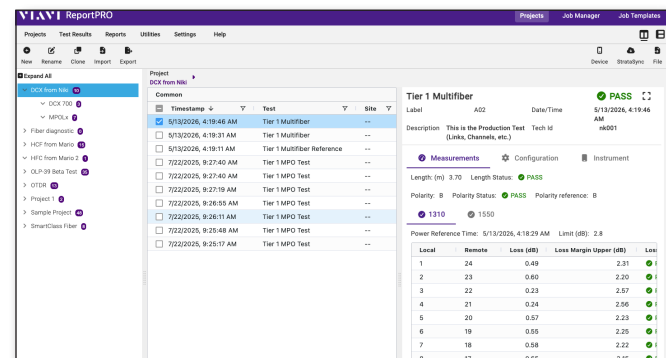
Light mode



Dark mode



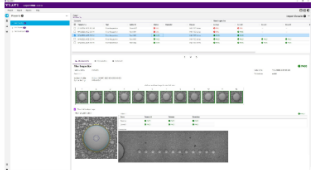
Horizontal columns



Vertical columns

Downloading ReportPRO

For the latest version of ReportPRO, go to <https://reportpro.updatemyunit.net/>.



ReportPRO

ReportPRO Test Result Management Application

DOWNLOAD LATEST VERSION FOR WINDOWS

File Name	File Size	Notes
ReportPRO_win32_x64_1.8.0.exe	199.263 MB	

DOWNLOAD LATEST VERSION FOR MACOS

File Name	File Size	Notes
ReportPRO_macOS_x64_1.8.0.dmg	303.304 MB	

DOWNLOAD LATEST VERSION FOR MACOS APPLE SILICON

File Name	File Size	Notes
ReportPRO_macOS_arm64_1.8.0.dmg	284.957 MB	

VIEW ALL SOFTWARE RELEASES

NOTE:

For additional help, contact 1-844-GO-VIAVI /1-844-468-4284/ +1-855-275-5378 (outside the US and Canada) or TAC@viavisolutions.com.

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Projects

This chapter covers the Projects features of ReportPRO, including the following:

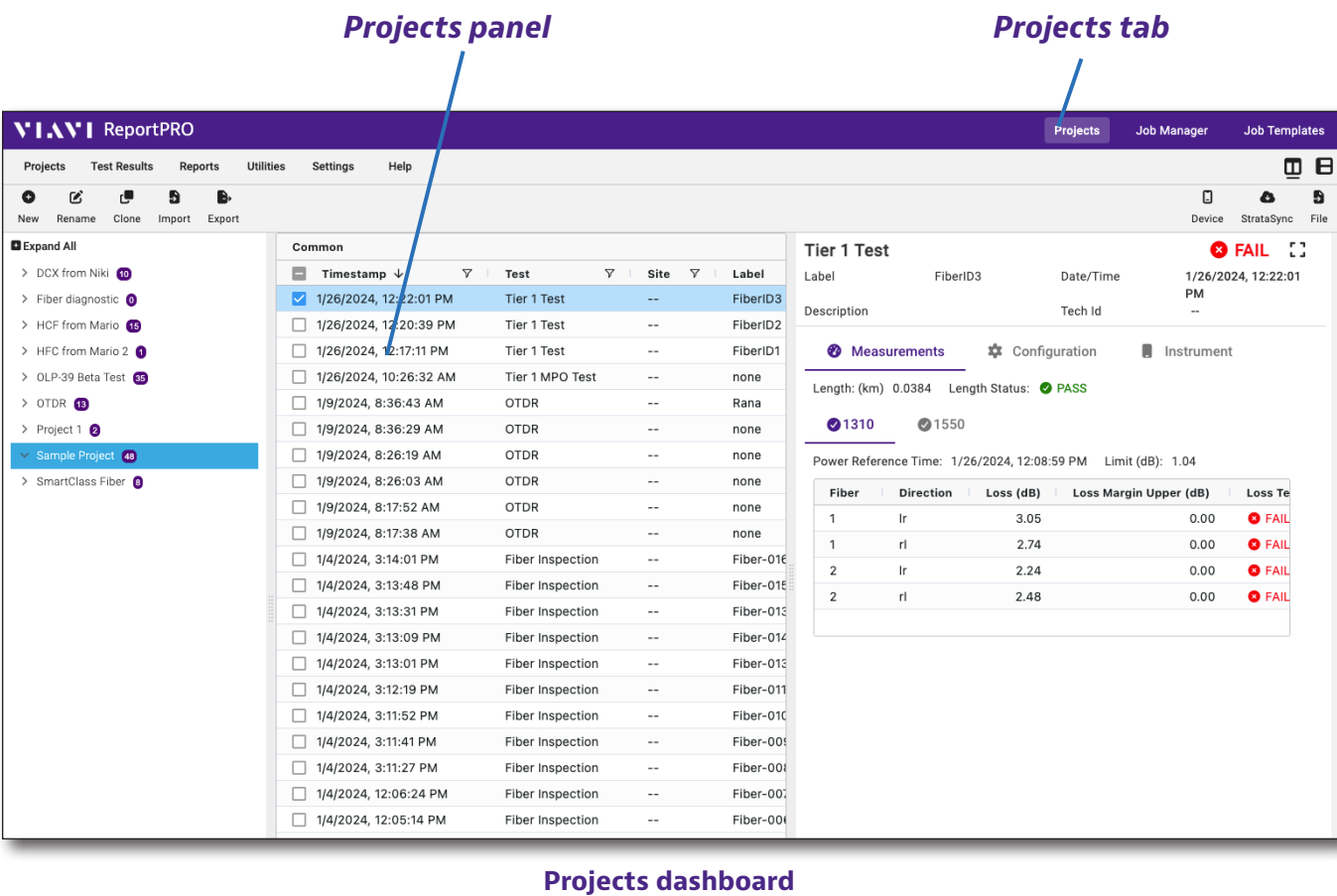
- "Projects" on page 24
- "Creating new projects" on page 26
- "Cloning projects" on page 27
- "Renaming projects" on page 28
- "Using the Column Manager" on page 29
- "Adding report information" on page 30
- "Customizing project settings" on page 31
- "Importing projects" on page 34
- "Exporting projects" on page 35
- "Archiving and removing projects" on page 36
- "Deleting projects" on page 37

Projects

From the Projects dashboard, you can create and manage projects for your jobs. You can also import projects and customize as needed. See *"Importing projects" on page 34*. To bring up the Projects dashboard, select the **Projects** tab on the left.

Projects panel

Projects and child projects can be selected in the Projects panel.



Projects dashboard

Project test results list and details

When you select a project, the list of the project test results is shown on the right. You can also import test results here.

Select a test to show the test details below. Use the tabs for more detail, including **Measurements**, **Configuration**, and **Instrument**.

We'll cover these sections in more detail in a later chapter. See *"Test Results" on page 39*.

Project test details

The screenshot displays the VIAVI ReportPRO software interface. On the left, a sidebar lists various projects under 'Expand All', including 'DCX from Niki', 'Fiber diagnostic', 'HCF from Mario', 'HFC from Mario 2', 'OLP-39 Beta Test', 'OTDR', 'Project 1', 'Sample Project' (selected), and 'SmartClass Fiber'. The main area is divided into two panels. The left panel, titled 'Common', shows a list of test results with columns for 'Timestamp', 'Test', 'Site', and 'Label'. The first row is selected, showing a 'Tier 1 Test' at '1/26/2024, 12:22:01 PM' for 'FiberID3'. The right panel, titled 'Tier 1 Test', shows the details for this test. It includes a 'Label' of 'FiberID3', a 'Date/Time' of '1/26/2024, 12:22:01 PM', and a status of 'FAIL'. Below this, there are tabs for 'Measurements', 'Configuration', and 'Instrument'. The 'Measurements' tab is active, showing 'Length: (km) 0.0384' and 'Length Status: PASS'. A 'Power Reference Time' of '1/26/2024, 12:08:59 PM' and a 'Limit (dB): 1.04' are also displayed. At the bottom, a table shows fiber loss data for two fibers, both with 'FAIL' status.

Fiber	Direction	Loss (dB)	Loss Margin Upper (dB)	Loss Te
1	lr	3.05	0.00	FAIL
1	rl	2.74	0.00	FAIL
2	lr	2.24	0.00	FAIL
2	rl	2.48	0.00	FAIL

Project test results list and details

Creating new projects

1. From the **Projects** menu, select **New** (or select the **New** button at the top of the screen).
2. Name the project, and select **Save**. The project will be added to your list.

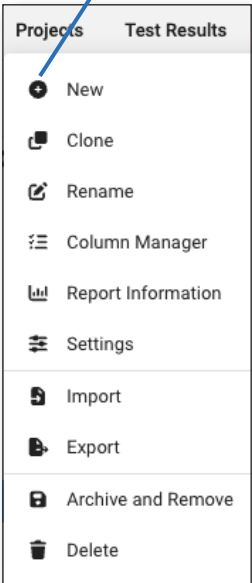
You can now organize the project further and add results.

- To add sub projects, select the + next to the project name. A child project is added below. Name the child project and select **Save**. Continue adding child projects to the hierarchy as needed (e.g. regions and districts).

In the following examples, we created a new project named "Fiber diagnostic", and added North and South regions, with a District 1 under the North region.

- To delete a level, select the trashcan next to the level. You cannot delete projects or levels with child projects underneath.
- To add test results, see *"Importing test result files" on page 50*.
- To move test results, see *"Moving results" on page 77*.

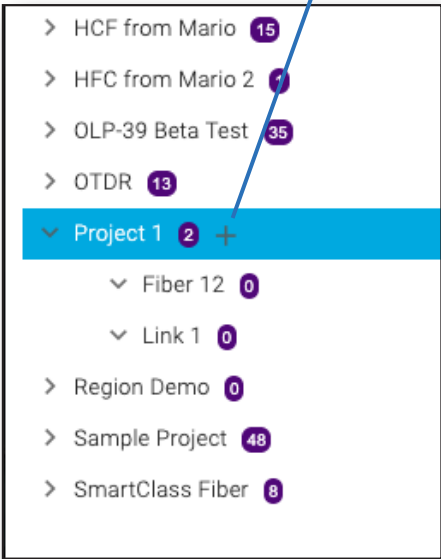
New

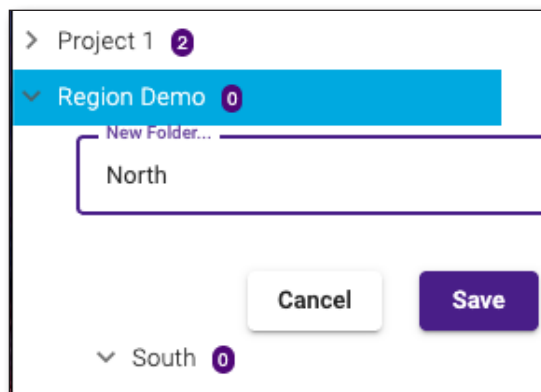
A screenshot of a dialog box for creating a new project. It has a title bar with '> Sample Project 48' and '> SmartClass Fiber 8'. Below the title bar is a text input field labeled 'Project Name' containing the text 'Fiber diagnostic'. At the bottom are two buttons: 'Cancel' and 'Save'. A blue arrow points from the word 'Save' (written to the right of the dialog) to the 'Save' button.

Save

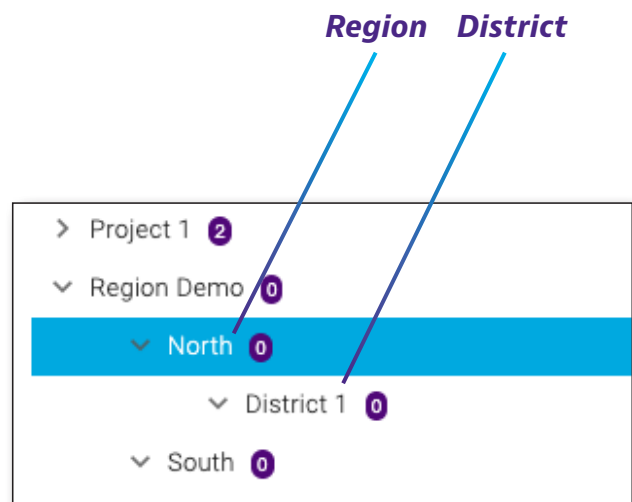
Creating a new project

Add child





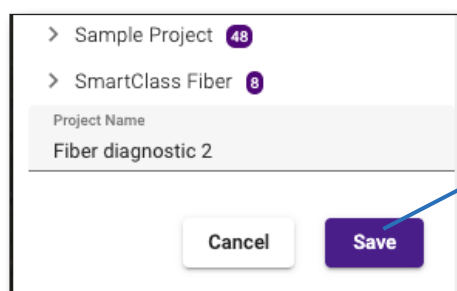
Adding a "North" child project



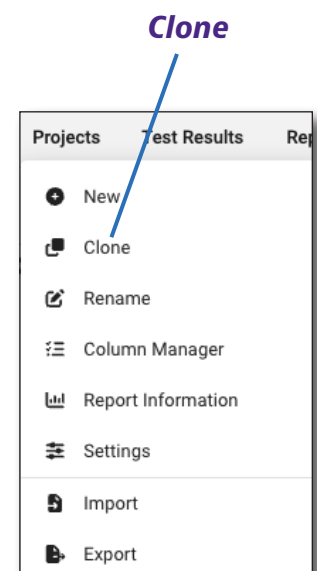
Adding a "District 1" child project under the North region

Cloning projects

1. Select the project or subproject you want to clone in the Projects panel.
2. From the **Projects** menu, select **Clone** (or select the **Clone** button at the top of the screen).
3. Name the project, and select **Save**. The clone of the original project will be added to your list, including any child projects and project settings.



Cloning a project

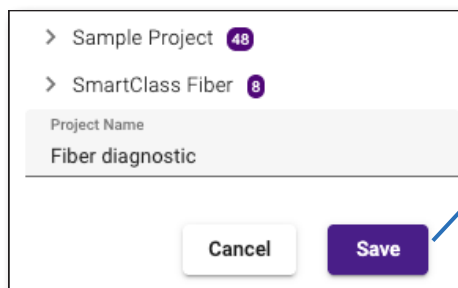


Clone

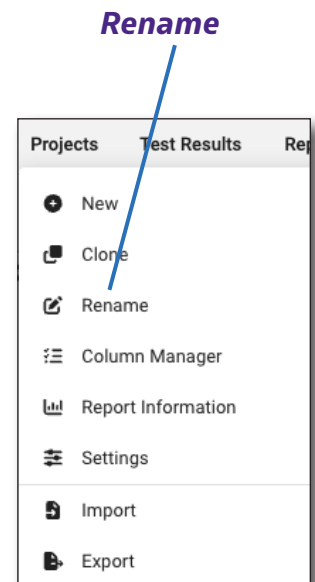
Save

Renaming projects

1. Select the project or subproject you want to rename in the Projects panel.
2. From the **Projects** menu, select **Rename** (or select the **Rename** button at the top of the screen).
3. Rename the project, and select **Save**. The project will be renamed in your list.



Renaming a project



Using the Column Manager

You can adjust what columns show in your test results.

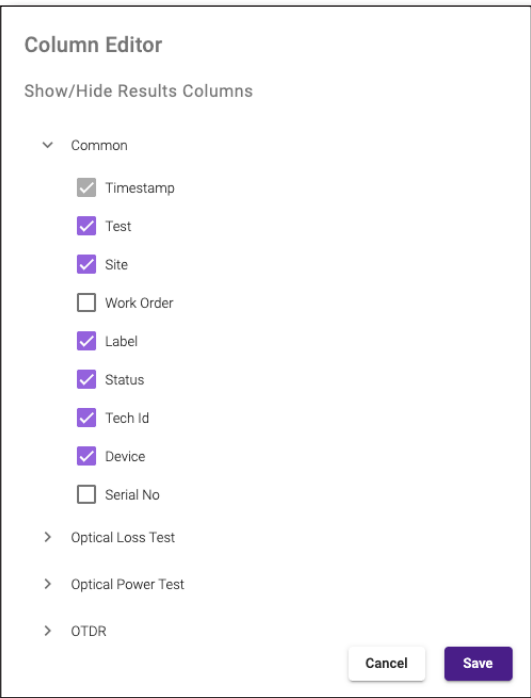
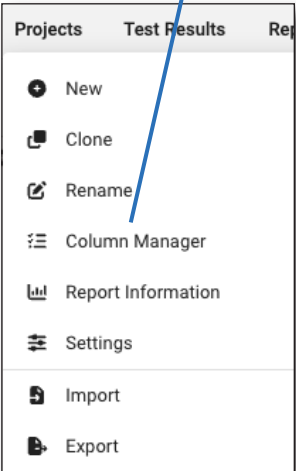
This setting can be adjusted for each project, so you can customize as needed.

- 1. From the **Projects** menu, select **Column Manager**. The Column Manager is displayed.
- 2. Select the arrow next to a category to expand it (**Common**, **Optical Loss Test**, etc.).

The categories include the fields in the test results as checkboxes.

- 3. Toggle each field as necessary to show/hide in the results.
- 4. When finished, select **Save**. The changes are reflected in the test results summary list.

Column Manager



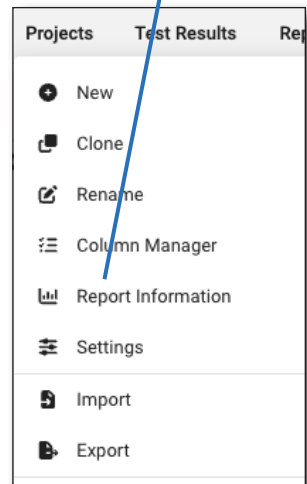
Column Manager

Adding report information

You can customize the information shown in your reports, including company information and logos.

1. From the **Projects** menu, select **Report Information**. The Report Information screen is displayed.
2. Enter the information as necessary.
3. To add a logo, drag and drop it into the logo area. It should be PNG format, 150x150 pixels max.
4. When finished, select **Save**.

Report Information

A screenshot of the 'Report Information' form. The form has a title field, a company name field, a logo area with a placeholder image and text 'Drag and Drop here to select an Image' and 'Drag and Drop logo here', and several other fields: Name, Street Address, City, State/Province, Postal Code, Country (a dropdown menu showing 'United States (+1)'), Phone, and Email. There are 'Cancel' and 'Save' buttons at the bottom right.

Report Information

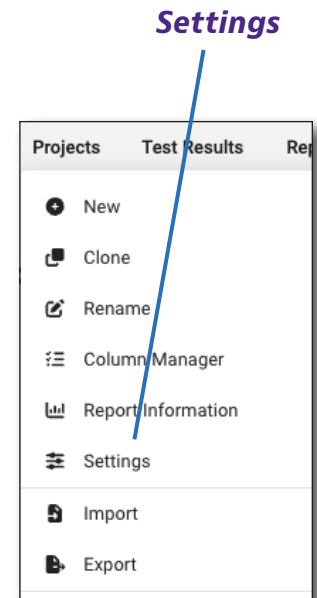
Customizing project settings

With project settings, you can set the project profile, distance units, and optical power units.

The project profile allows you to set the project level hierarchy to match the workflow at your organization.

These settings apply to the entire project and all its children. You can change these at any time.

1. Select the project you want to customize in the Projects panel.
2. From the Projects menu, select **Settings**. The Project Settings panel is displayed.
3. Change the project profile (**TPA**, **Default**, and **Enterprise**, etc), distance units, and optical power units as necessary.
4. When finished, go back to the Projects panel, and your project should reflect the changes.



When drilling down into the project levels, the breadcrumbs above the test results list should now show the correct project profile and levels to match.

To customize or create your own profiles, see *"Managing project profiles" on page 101*.

 A screenshot of the 'Project Settings' dialog box. It has a title bar 'Project Settings'. Inside, there are three dropdown menus: 'Project Profile' (set to 'None'), 'Distance units' (set to 'Kilometers'), and 'Optical power units' (set to 'dBm'). At the bottom right, there are two buttons: 'Cancel' and 'Save'.

Project Settings

Project Profiles		
+ Remove Edit		
Project Profile ▾	Level ▾	Name ▾
None	top	Job
Default	1	Task
Enterprise	2	
TPA	3	
	4	
	5	
	6	
	7	
	8	
	9	

TPA profile – Job, task

Project Profiles		
+ Remove Edit		
Project Profile ▾	Level ▾	Name ▾
None	top	Project
Default	1	Level 1
Enterprise	2	Level 2
TPA	3	Level 3
	4	Level 4
	5	Level 5
	6	Level 6
	7	Level 7
	8	Level 8
	9	Level 9

Default profile – Levels 1-9

Project Profiles		
+ Remove Edit		
Project Profile ▾	Level ▾	Name ▾
None	top	Project
Default	1	Site
Enterprise	2	Building
TPA	3	Floor
	4	Room
	5	Rack
	6	Panel
	7	
	8	
	9	

Enterprise profile – Site, Building, Floor, Room, etc.

Default hierarchy breadcrumbs

Expand All

DCX from Niki 11

Fiber diagnostic 0

- North 0
- District 1 0
- District 2 0

Project

Fiber diagnostic

Level 1

North

Level 2

District 1

Common

Timestamp

Test

Fiber diagnostic project with Default profile selected (Levels 1-9)

Enterprise hierarchy breadcrumbs

Expand All

DCX from Niki 11

Fiber diagnostic 0

- North 0
- District 1 0
- District 2 0

Project

Fiber diagnostic

Site

North

Building

District 1

Common

Timestamp

Test

Fiber diagnostic project with Enterprise profile selected (Site, Building, etc)

TPA hierarchy breadcrumbs

Expand All

DCX from Niki 11

Fiber diagnostic 0

- North 0
- District 1 0
- District 2 0

Job

Fiber diagnostic

Task

North

Common

Timestamp

Test

Fiber diagnostic project with TPA profile selected (Job, Task, etc)

Importing projects

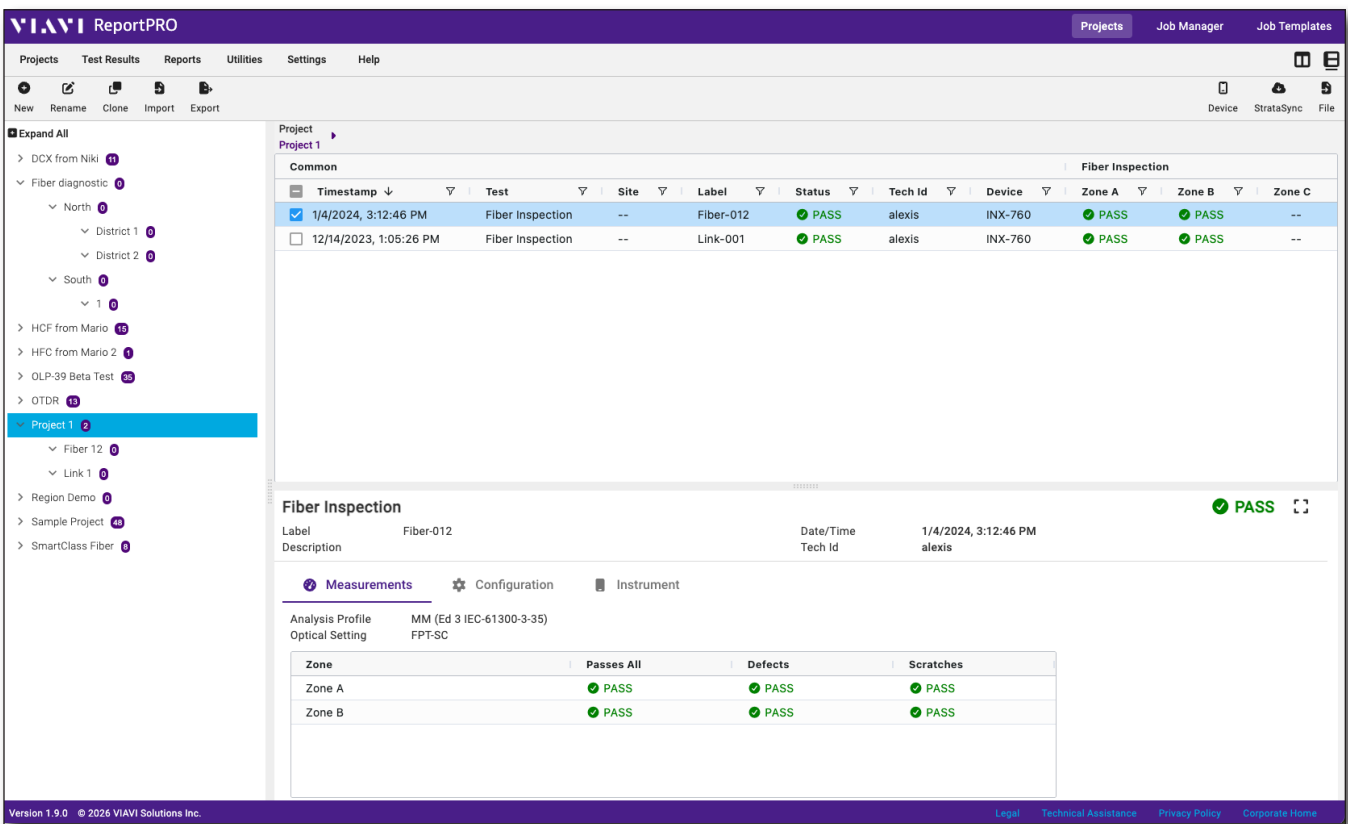
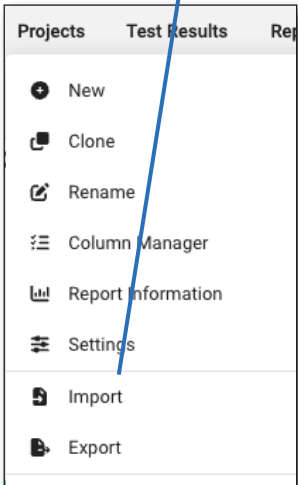
You can import ReportPRO project files and test results from a file on your desktop. This can be a project you previously exported or received from someone else.

This is a great way to share results if you don't have access to the instrument itself. If someone exports the project and sends to you, it can be imported to your test results for reporting.

From the **Projects** menu, select **Import** and select the RPP (ReportPRO Project) file you want to import. The project will be added to your projects list and the results will be added to the test results list.

As shown in the example below, "Project 1" was imported from an RPP file, and now shows in the Projects panel.

Import



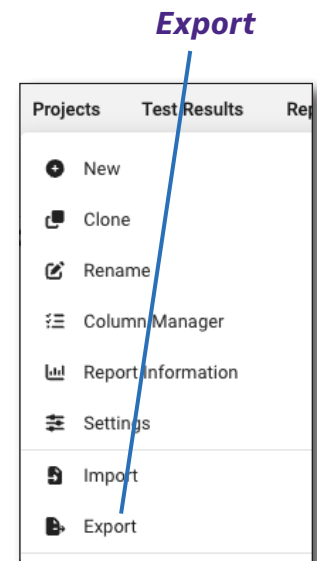
Exporting projects

You can export test results as ReportPRO project files to archive or share with someone else.

Again, this is a great way to share test results with someone who doesn't have the instrument itself for reporting or troubleshooting.

1. Select the project you want to export in the Projects panel.
2. From the **Projects** menu, select **Export**. Name the file, select where to save it, and then **Save**. The project will be saved as an RPP (ReportPRO Project) file. You can then share the file to be imported by someone else or archive it.

The project will remain in your list, but you can archive it, as well. See *"Archiving and removing projects" on page 36*.



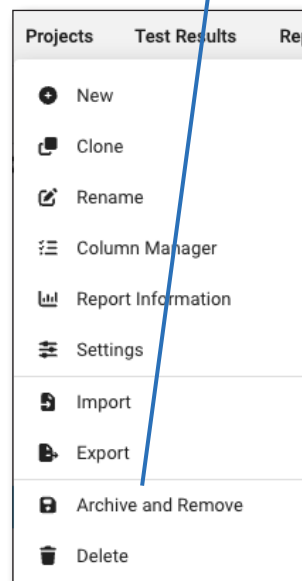
Archiving and removing projects

You can export and remove project files from your projects list.

Important: This will completely remove the project and all test results associated to it. If you have any level of the project selected, it will remove the entire project. To add it back to the Projects panel, simply re-import it.

1. Select the project you want to archive in the Projects panel.
2. From the **Projects** menu, select **Archive and Remove**. Name the file, select where to save it, and then **Save**. The project will be saved as an RPP (ReportPRO Project) file and removed from the Projects panel.

Archive and Remove

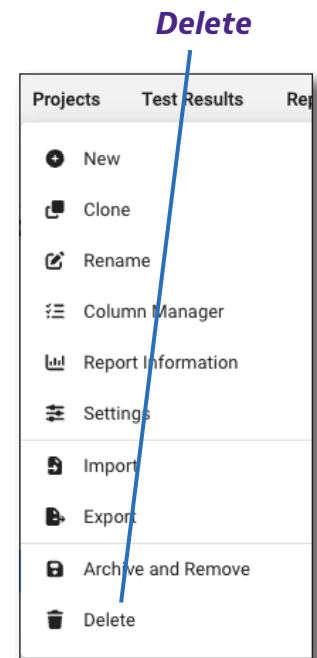


Deleting projects

You can delete project files from your projects list.

Important: This will completely remove the project and all test results associated to it.

1. Select the project you want to delete in the Projects panel.
2. From the **Project** menu, select **Delete Project**.
3. A popup will ask you to confirm. Type the name of the project, then select **Delete project**. The project will be removed from the Projects panel.



Delete Project - WARNING!

Are you sure you want to delete project **Project 1** and all it's data?
You are permanently deleting **2** test results from ReportPRO.

Enter project name to confirm and enable the delete project button

CancelDelete project

Test Results

This chapter covers the Test Results features of ReportPRO, including the following:

- "Test results" on page 40
- "Importing test result files" on page 50
- "Editing labels" on page 74
- "Editing tech IDs" on page 75
- "Moving results" on page 77
- "Deleting selected test results rows" on page 78
- "Exporting selected results to files" on page 79
- "Sorting and filtering test results" on page 80

Test results

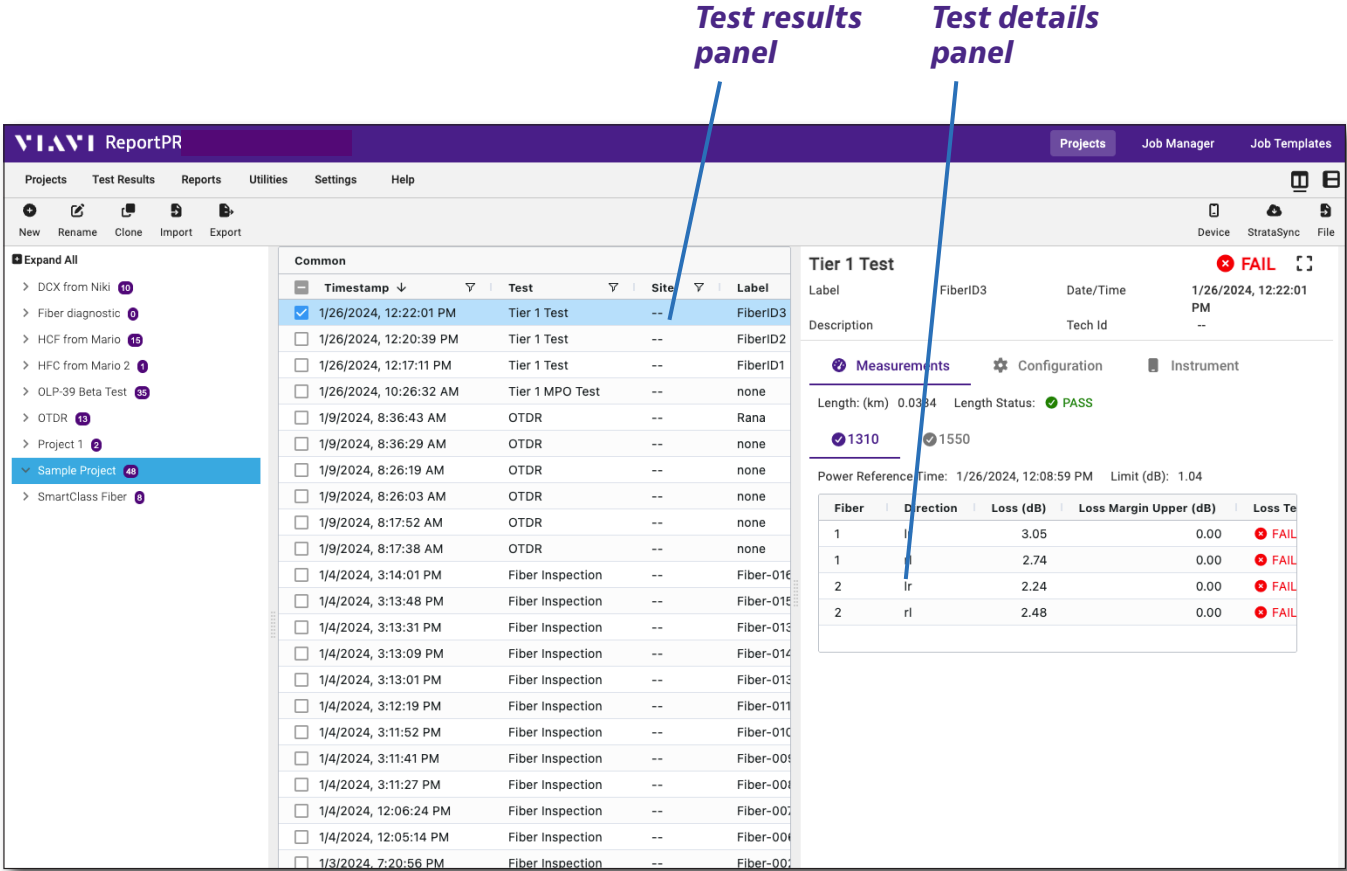
When a project is selected in the Projects panel, the corresponding test results are shown in the Test results panel to the right, with the test details in the panel below, assuming that view is selected (vs. right-side view).

Test results panel

The Test results panel shows a summary of the test results, including timestamp, test type, label, pass/fail status, tech ID, and device.

The columns displayed are determined by the Column Manager, see *"Column Manager" on page 29*.

If you scroll to the right, you can see further detail specific for each type of test (e.g. fiber inspection, tier 1 MPO, tier 1 test, OTDR, etc).

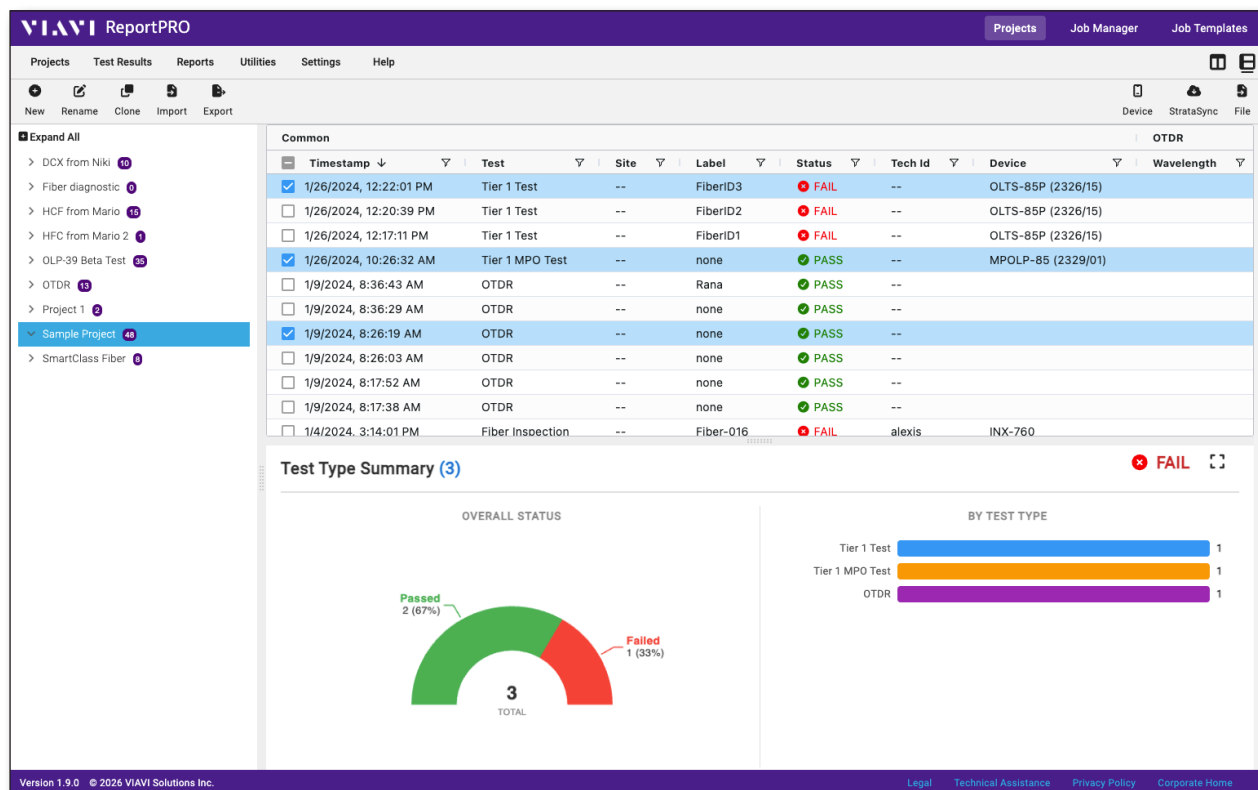


Test results and details panels

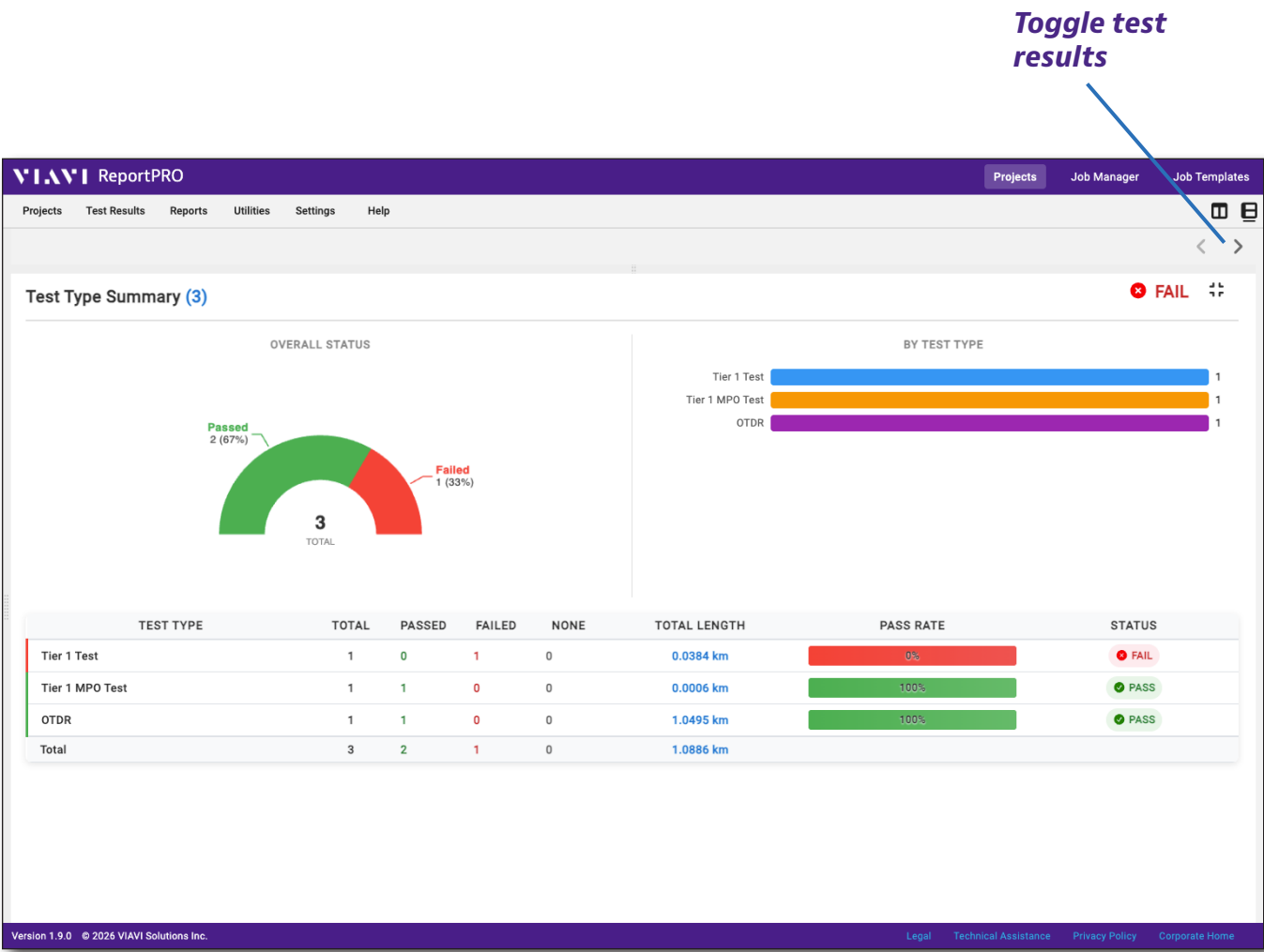
Viewing a multi-result dashboard

When you select more than one result in the Test results panel (using the checkboxes), the test details panel switches from the single-result view to a **Test Type Summary** dashboard for the selected results. The dashboard shows an overall pass/fail chart, a by-test-type breakdown, and a summary table (test type, total, passed, failed, none, total length, pass rate, and status), plus an overall status badge.

1. In the Test results panel, select the checkboxes for two or more results. The test details panel below changes to the Test Type Summary dashboard for your selection.
2. Review the overall status chart, the by-test-type chart, and the summary table for the selected results.
3. Select the expand icon (top right of the dashboard) to maximize the dashboard to full screen.
4. Use the arrows in the upper right to move between the individual selected results (not other selections or other projects) — each arrow press exits the summary and shows one result's own detail view (**Measurements/Configuration/Instrument** tabs).
5. Select the collapse icon to return to the standard Test results view.



Test Type Summary dashboard – 3 results selected across mixed test types (Tier 1 Test/Tier 1 MPO Test/OTDR)



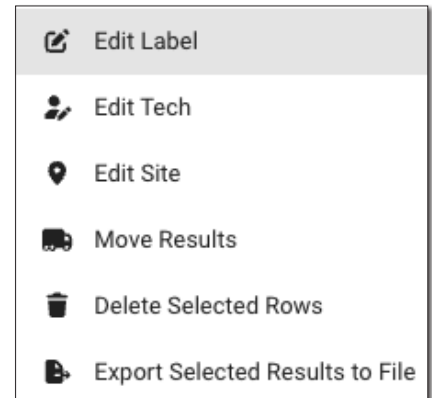
Maximized dashboard view – Same 3-result mixed-type selection as above

Note: This is separate from the horizontal/vertical layout toggle described in *"Customizing the dashboard" on page 21* — the multi-result dashboard appears automatically whenever more than one result is selected, in either layout.

Using the context menu

Right-click a result in the Test results panel for quick actions:

- **Edit Label**
- **Edit Tech Id**
- **Edit Site**
- **Move Results**
- **Delete Selected Rows**
- **Export Selected Results to File**



Note: The Import and merge actions are available from the **Test Results** menu only — they do not appear in the context menu.

Test details panel

The Test details panel shows the details of the individual selected test results from above, including the test type, cable ID label, date/time, tech ID, and pass/fail status.

Use the tabs for more details, including **Measurements**, **Configuration**, and **Instrument**.

In this example, the measurements for a fiber inspection test are shown, including the end face images. When you select an end face, the image is shown full size.

The following pages show some examples of test-specific details.

Measurements tab

The **Measurements** tab shows additional test-specific detail, including analysis profile, optical settings, end face imaging, zone details, length status, traces, events, etc.

Fiber Inspection

The measurements for a fiber inspection test are shown below, including the fiber zone pass/fails and end face images. When you select an end face, the image is shown full size.

Select **Fiber and Overlays image** to toggle the overlays for the high magnification.

The screenshot displays the VIAVI ReportPRO software interface. The top navigation bar includes 'Projects', 'Job Manager', and 'Job Templates'. Below this, a secondary bar contains 'Projects', 'Test Results', 'Reports', 'Utilities', 'Settings', and 'Help'. A left sidebar shows a tree view of projects and tests, with 'Project 1' selected. The main content area is divided into two sections. The top section, titled 'Project 1', contains a table of test results. The bottom section, titled 'Fiber Inspection', provides detailed information for a specific test, including a 'Measurements' tab, analysis profile, optical settings, and a table of zone pass/fail results.

Timestamp	Test	Site	Label	Status	Tech Id	Device
1/4/2024, 3:12:46 PM	Fiber Inspection	--	Fiber-012	PASS	alexis	INX-760
12/14/2023, 1:05:26 PM	Fiber Inspection	--	Link-001	PASS	alexis	INX-760

Zone	Passes All	Defects	Scratches
Zone A	PASS	PASS	PASS
Zone B	PASS	PASS	PASS

VIAMI ReportPRO

ProjectsJob ManagerJob Templates

ProjectsTest ResultsReportsUtilitiesSettingsHelp

Project
Project 1

Fiber Inspection

LabelFiber-012Date/Time1/4/2024, 3:12:46 PM
DescriptionTech Idalexis

MeasurementsConfigurationInstrument

Analysis ProfileMM (Ed 3 IEC-61300-3-35)
Optical SettingFPT-SC

Zone	Passes All	Defects	Scratches
Zone A	PASS	PASS	PASS
Zone B	PASS	PASS	PASS

☒ Fiber And Overlays Image

Low Magnification

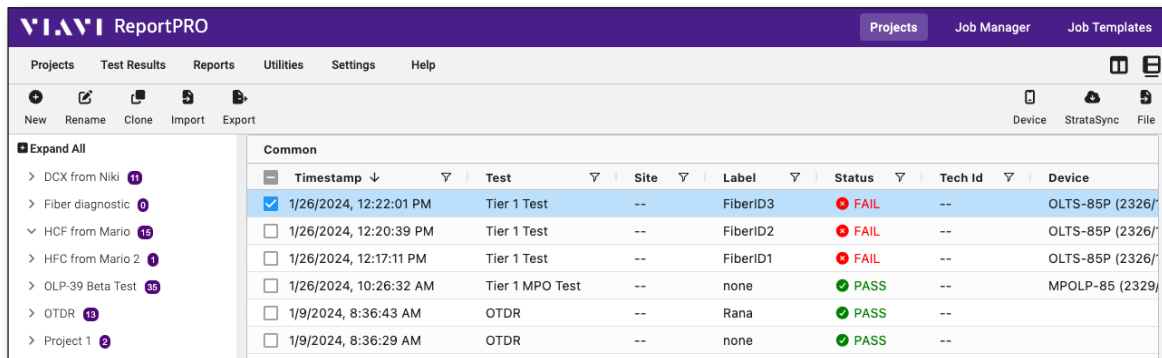
High Magnification

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Tier 1 test

The measurements for a Tier 1 test are shown below, including the length status pass-fail results.

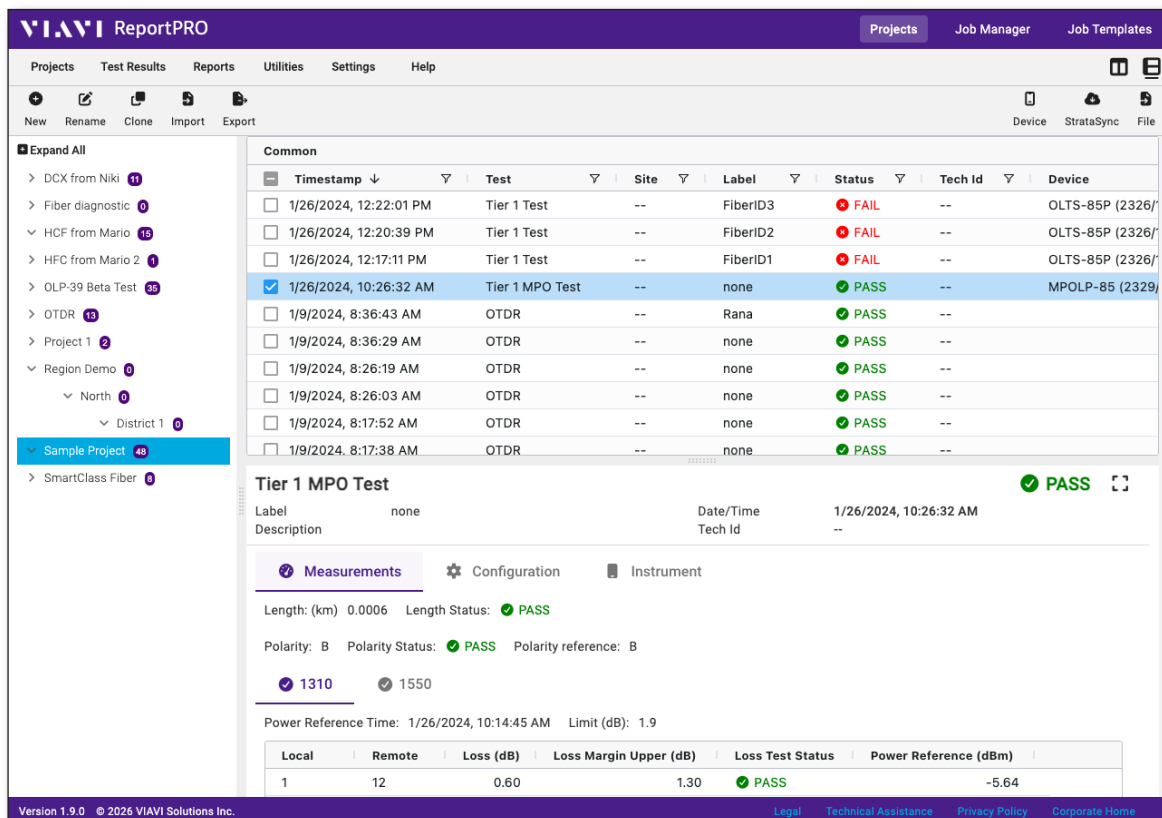


Common							
Timestamp	Test	Site	Label	Status	Tech Id	Device	
☒ 1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3	FAIL	--	OLTS-85P (2326/	
☐ 1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2	FAIL	--	OLTS-85P (2326/	
☐ 1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1	FAIL	--	OLTS-85P (2326/	
☐ 1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none	PASS	--	MPOLP-85 (2329/	
☐ 1/9/2024, 8:36:43 AM	OTDR	--	Rana	PASS	--		
☐ 1/9/2024, 8:36:29 AM	OTDR	--	none	PASS	--		

Tier 1 MPO test

The measurements for a Tier 1 MPO test are shown below, including the length and polarity status pass-fail results.

Select the **1310** and **1550** tabs to change wavelengths.



Common							
Timestamp	Test	Site	Label	Status	Tech Id	Device	
☐ 1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3	FAIL	--	OLTS-85P (2326/	
☐ 1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2	FAIL	--	OLTS-85P (2326/	
☐ 1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1	FAIL	--	OLTS-85P (2326/	
☒ 1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none	PASS	--	MPOLP-85 (2329/	
☐ 1/9/2024, 8:36:43 AM	OTDR	--	Rana	PASS	--		
☐ 1/9/2024, 8:36:29 AM	OTDR	--	none	PASS	--		
☐ 1/9/2024, 8:26:19 AM	OTDR	--	none	PASS	--		
☐ 1/9/2024, 8:26:03 AM	OTDR	--	none	PASS	--		
☐ 1/9/2024, 8:17:52 AM	OTDR	--	none	PASS	--		
☐ 1/9/2024, 8:17:38 AM	OTDR	--	none	PASS	--		

Tier 1 MPO Test		Status
Label	none	PASS
Description		
Date/Time	1/26/2024, 10:26:32 AM	
Tech Id	--	

Measurements		Configuration	Instrument
Length: (km)	0.0006	Length Status: PASS	
Polarity: B	Polarity Status: PASS	Polarity reference: B	
1310 1550			
Power Reference Time: 1/26/2024, 10:14:45 AM Limit (dB): 1.9			
Local	Remote	Loss (dB)	Loss Margin Upper (dB)
1	12	0.60	1.30
		Loss Test Status	Power Reference (dBm)
		PASS	-5.64

OTDR

The measurements for an OTDR test are shown below, including the locations, trace and events results.

Select the **Trace** and **Events** tabs to toggle those views. Events shows the pass-fail results, as well.

VIavi ReportPRO

ProjectsJob ManagerJob Templates

ProjectsTest ResultsReportsUtilitiesSettingsHelp

NewRenameCloneImportExportDeviceStrataSyncFile

Expand All

- DCX from Niki11
- Fiber diagnostic0
- HCF from Mario15
- HFC from Mario 21
- OLP-39 Beta Test30
- OTDR13
- Project 12
- Region Demo0
 - North0
 - District 10
- Sample Project48
- SmartClass Fiber0

Common

Timestamp	Test	Site	Label	Status	Tech Id	Device
☐ 1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3	FAIL	--	OLTS-85P (2326/
☐ 1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2	FAIL	--	OLTS-85P (2326/
☐ 1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1	FAIL	--	OLTS-85P (2326/
☐ 1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none	PASS	--	MPOLP-85 (2329
☒ 1/9/2024, 8:36:43 AM	OTDR	--	Rana	PASS	--	
☐ 1/9/2024, 8:36:29 AM	OTDR	--	none	PASS	--	
☐ 1/9/2024, 8:26:19 AM	OTDR	--	none	PASS	--	
☐ 1/9/2024, 8:26:03 AM	OTDR	--	none	PASS	--	
☐ 1/9/2024, 8:17:52 AM	OTDR	--	none	PASS	--	
☐ 1/9/2024, 8:17:38 AM	OTDR	--	none	PASS	--	

OTDR

LabelRana

Date/Time1/9/2024, 8:36:43 AM

DescriptionTech Id--

Measurements

Configuration

Instrument

Location A: Location A | Cable Id | --

Location B: Location B | Cable Id | --

Length: 1.0440 km

Launch Cable: 0.0000 km

Receive Cable: 0.0000 km

Trace

Events

SmartLink

Show cursors

A

0.0000 km | 22.09 dB

B

2.0245 km | 4.23 dB

a

0.0000 km | 22.09 dB

b

2.0245 km | 4.23 dB

A - B

2.0245 km | 17.86 dB | 8.82 dB / km

5pt Loss cursors

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Configuration tab

The **Configuration** tab shows the configurations for the test from the instrument (e.g. cable settings, connector settings, device details, etc.) and allows you to adjust them or add more detail for reporting as needed.

Hover your mouse over the setting you want to adjust, click the **Edit** button, and enter a new value or use the dropdown to choose the setting as needed.

The screenshot displays the VIAVI ReportPRO web application. The top navigation bar includes 'Projects', 'Job Manager', and 'Job Templates'. Below this, a secondary bar shows 'Projects', 'Test Results', 'Reports', 'Utilities', 'Settings', and 'Help'. The left sidebar contains a tree view with categories like 'Expand All', 'DCX from Niki', 'Fiber diagnostic', 'HCF from Mario', 'HFC from Mario 2', 'OLP-39 Beta Test', 'OTDR', 'Project 1', 'Region Demo', 'North', 'District 1', 'Sample Project', and 'SmartClass Fiber'. The main content area is divided into two sections. The top section, titled 'Common', contains a table of test results. The bottom section, titled 'Tier 1 Test', shows details for a specific test, including 'Label', 'Description', 'FiberID3', 'Date/Time', 'Tech Id', and 'Status'. The 'Status' is 'FAIL'. Below this, there are tabs for 'Measurements', 'Configuration', and 'Instrument'. The 'Configuration' tab is active, showing 'Cable Settings' with fields for 'Fiber Type', 'Manufacturer', 'Name', 'Propagation Delay', and 'Refractive Index'.

Timestamp	Test	Site	Label	Status	Tech Id	Device
1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3	FAIL	--	OLTS-85P (2326/
1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2	FAIL	--	OLTS-85P (2326/
1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1	FAIL	--	OLTS-85P (2326/
1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none	PASS	--	MPOLP-85 (2329/
1/9/2024, 8:36:43 AM	OTDR	--	Rana	PASS	--	
1/9/2024, 8:36:29 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:26:19 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:26:03 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:17:52 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:17:38 AM	OTDR	--	none	PASS	--	

Tier 1 Test ✖ FAIL

Label: FiberID3 Date/Time: 1/26/2024, 12:22:01 PM
Description: Tech Id: --

Measurements **Configuration** Instrument

Cable Settings

Fiber Type	sm
Manufacturer	Generic SMF
Name	OS1
Propagation Delay	4387.22
Refractive Index	1.493

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Instrument tab

The **Instrument** tab shows the details of the instrument, including asset type, calibration date, MAC address, model, software options, software version, tech ID, and unique ID.

A list of software options may be included at the bottom, as well.

The screenshot displays the ReportPRO application interface. The top navigation bar includes 'Projects', 'Test Results', 'Reports', 'Utilities', 'Settings', and 'Help'. Below this is a toolbar with icons for 'New', 'Rename', 'Clone', 'Import', and 'Export'. On the right side of the toolbar are icons for 'Device', 'StrataSync', and 'File'.

The left sidebar shows a tree view under 'Expand All' with the following items:

- > DCX from Niki (11)
- > Fiber diagnostic (0)
- > HCF from Mario (15)
- > HFC from Mario 2 (1)
- > OLP-39 Beta Test (30)
- > OTDR (13)
- > Project 1 (2)
- > Region Demo (0)
 - > North (0)
 - > District 1 (0)
- > Sample Project (48) (highlighted in blue)
- > SmartClass Fiber (0)

The main content area is divided into two sections. The top section is a table titled 'Common' with columns: Timestamp, Test, Site, Label, Status, Tech Id, and Device. The table contains 10 rows of test data. The first row is selected and highlighted in blue, showing a 'FAIL' status.

Timestamp	Test	Site	Label	Status	Tech Id	Device
1/26/2024, 12:22:01 PM	Tier 1 Test	--	FiberID3	FAIL	--	OLTS-85P (2326/
1/26/2024, 12:20:39 PM	Tier 1 Test	--	FiberID2	FAIL	--	OLTS-85P (2326/
1/26/2024, 12:17:11 PM	Tier 1 Test	--	FiberID1	FAIL	--	OLTS-85P (2326/
1/26/2024, 10:26:32 AM	Tier 1 MPO Test	--	none	PASS	--	MPOLP-85 (2329)
1/9/2024, 8:36:43 AM	OTDR	--	Rana	PASS	--	
1/9/2024, 8:36:29 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:26:19 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:26:03 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:17:52 AM	OTDR	--	none	PASS	--	
1/9/2024, 8:17:38 AM	OTDR	--	none	PASS	--	

The bottom section is titled 'Tier 1 Test' and shows details for the selected test. It includes a 'Label' of 'FiberID3', a 'Date/Time' of '1/26/2024, 12:22:01 PM', and a 'Tech Id' of '--'. The status is 'FAIL' with a red icon. Below this are three tabs: 'Measurements', 'Configuration', and 'Instrument' (which is active). The 'Instrument' tab displays the following details:

- Asset Type: SmartClass Fiber
- Calibration Date: 10/14/2015
- Hw Version: 2315-7002.006R02, Rev.001
- Model: OLTS-85P (2326/15)

The footer of the application shows 'Version 1.9.0 © 2026 VIAVI Solutions Inc.' and links for 'Legal', 'Technical Assistance', 'Privacy Policy', and 'Corporate Home'.

Importing test result files

You can import test results files from a file on your desktop, from the instrument, or from StrataSync.

File import

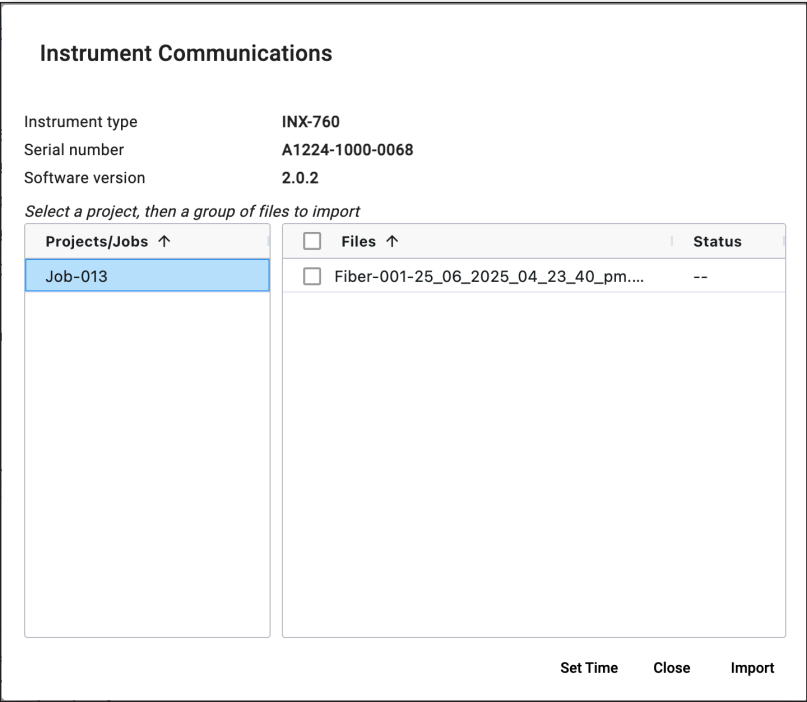
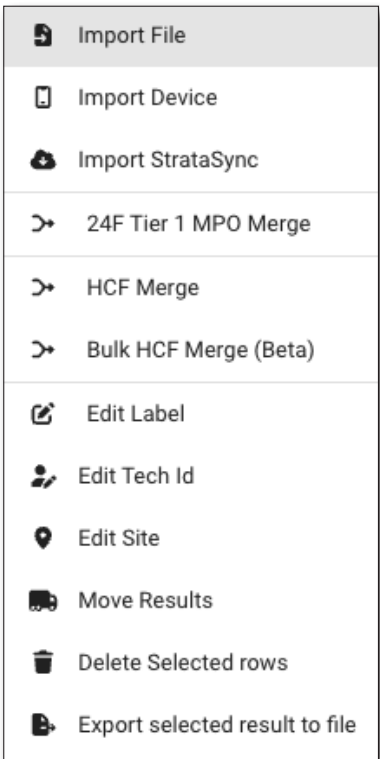
From the **Test Results** menu, select **Import File** and select the file you want to import. The results will import to the selected project or child.

You can also import a file from the upper right. Select **File**.

Instrument import

1. Connect your instrument to your computer via USB cable.
2. From the **Test Results** menu, select **Import Device**. The Instrument Communications screen is displayed.

You can also import from the upper right of the screen. Select **Device**.
3. Select a project, then a group of files to import. Finally, select **Import**. The results will be added to the test results list.



Importing files from an instrument

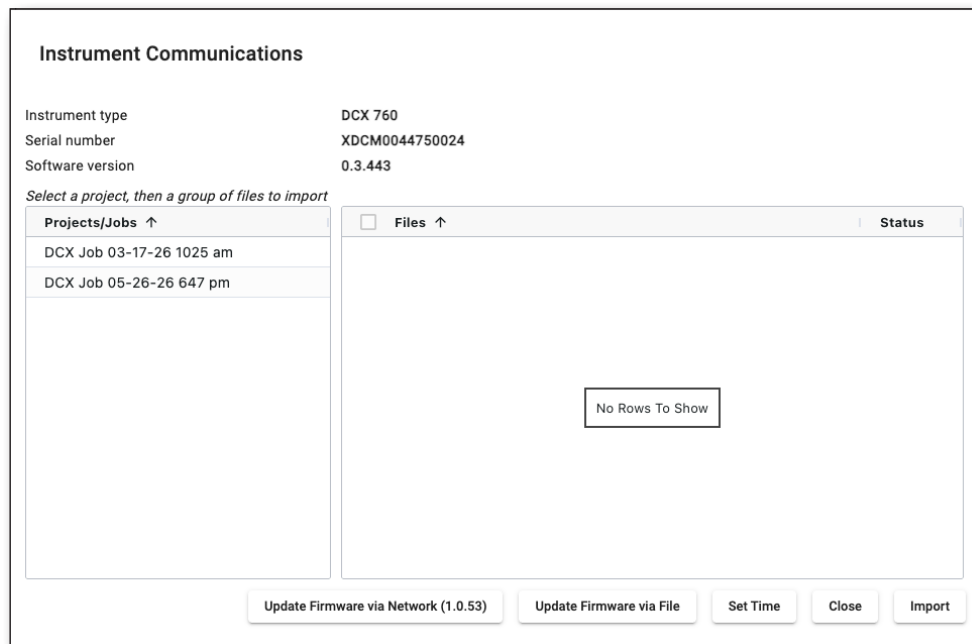
Updating instrument firmware

ReportPRO can update the firmware on a connected instrument directly from your computer, using the Instrument Communications dialog. You can update over the network — ReportPRO downloads the latest approved firmware from Update My Unit (UMU), the same service ReportPRO itself is distributed from — or install a firmware file you already have.

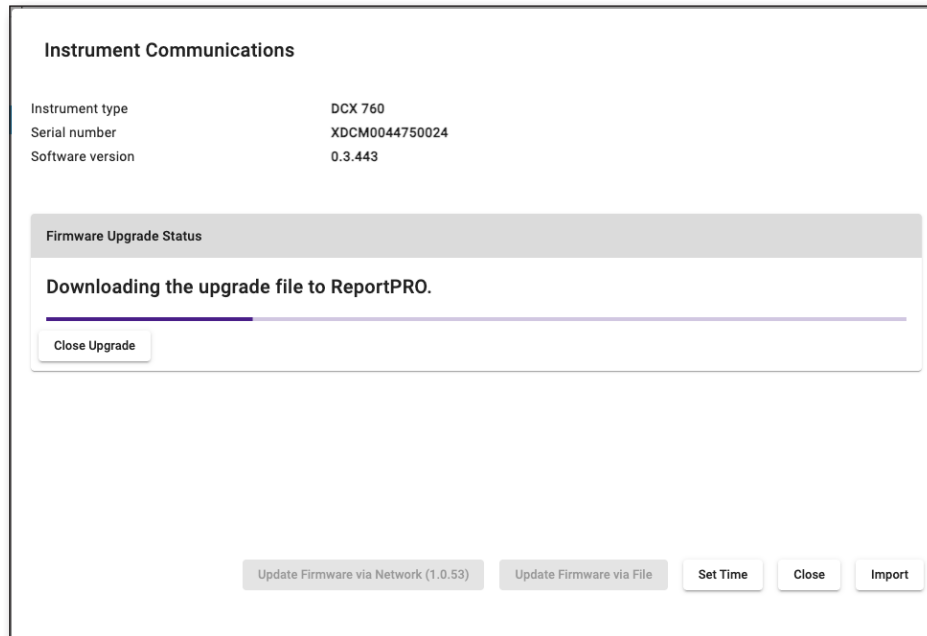
Note: Keep the instrument connected and powered throughout the update. Do not power off or operate the instrument until the upgrade is complete.

Updating over the network

1. In Instrument Communications, click **Update Firmware via Network**. When a newer approved version is available on UMU, that version appears in parentheses on the button — for example, Update Firmware via Network (1.0.53).
2. ReportPRO downloads the firmware. The Firmware Upgrade Status panel shows **"Downloading the upgrade file to ReportPRO."**

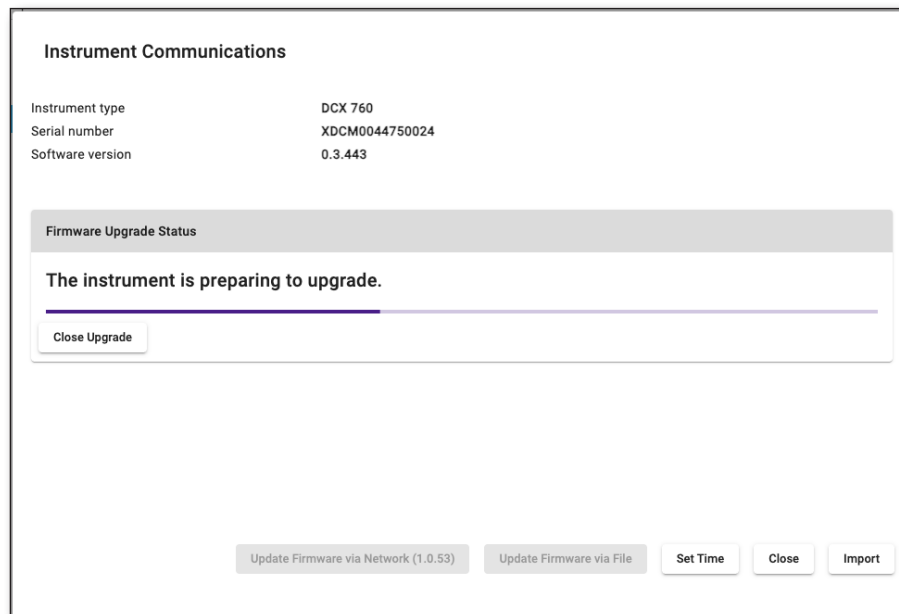


Instrument Communications dialog before update (Update Firmware via Network/File buttons)



Firmware Upgrade Status panel – Downloading the upgrade file to ReportPRO

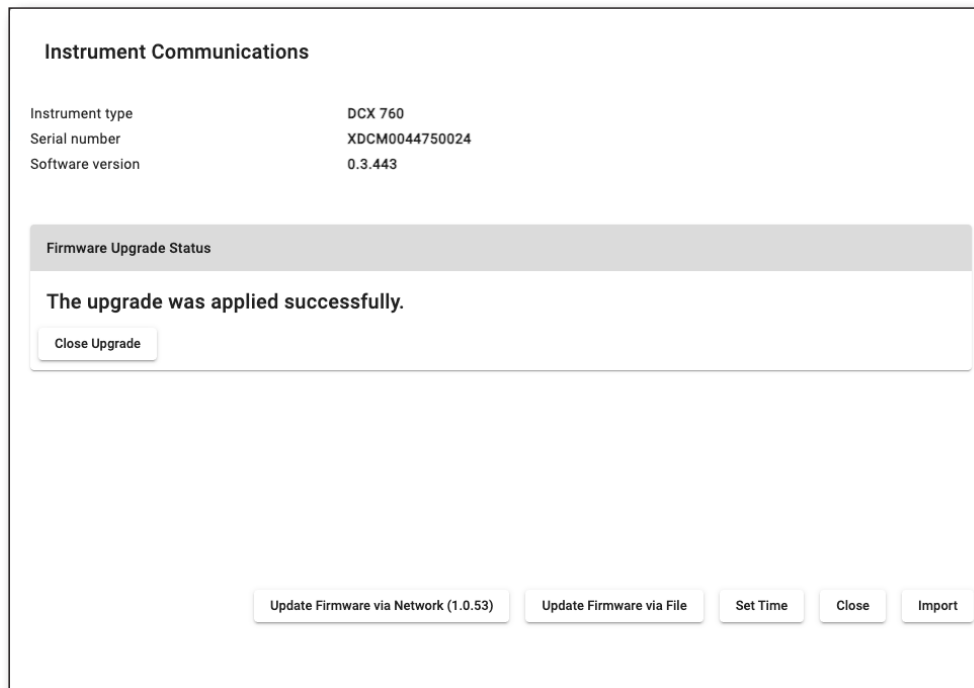
3. ReportPRO then sends the firmware to the instrument. The status shows ***"The instrument is preparing to upgrade."*** Wait for the progress bar to finish — do not power off or operate the instrument during this step.



Firmware Upgrade Status panel – The instrument is preparing to upgrade

- When the upgrade completes, the Firmware Upgrade Status panel shows **"The upgrade was applied successfully,"** and the instrument restarts on the new firmware. Click **Close Upgrade** (or **Close**) to exit.

The software version should show the new firmware number.



Firmware Upgrade Status panel– The upgrade was applied successfully

Updating from a file

- In Instrument Communications, click **Update Firmware via File**.
- Select the firmware file. ReportPRO installs it to the instrument and shows the same Firmware Upgrade Status progress. Do not power off the instrument until it completes.

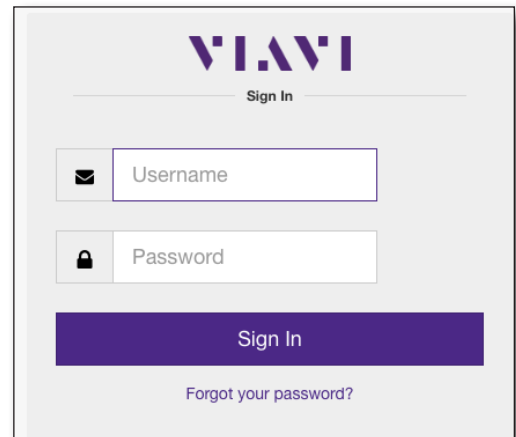
Related actions in the same dialog: **Set Time** syncs the instrument's clock with your computer; **Import** brings Projects/Jobs and their files from the instrument into ReportPRO.

StrataSync import

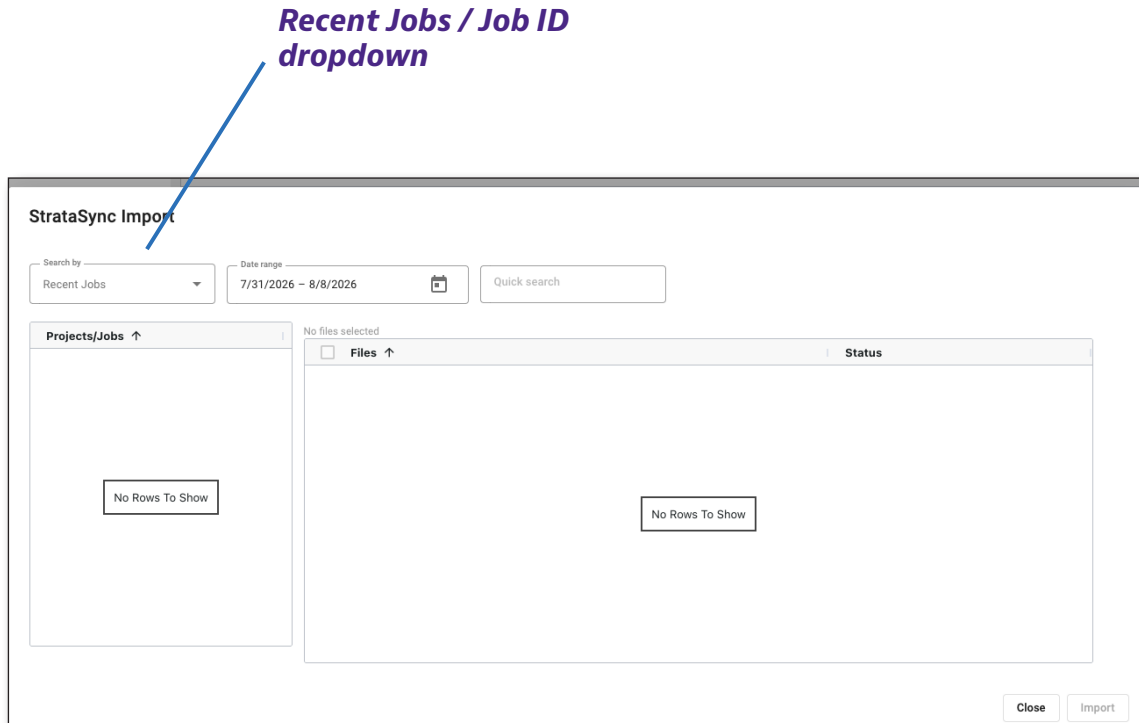
This feature requires the **SS-REPORTPRO-IMPORT -xYR** license.

1. From the **Test Results** menu, select **Import StrataSync**. The StrataSync login screen is displayed.
2. Log into StrataSync. The StrataSync Import screen is displayed.
3. Select a project, then a group of files to import. Finally, select **Import**. The results will be added to the test results list.

- Use the sort bars at the top to sort the files by name or status.
- You can also search by Recent Jobs or Job ID using the dropdown.
Recent Jobs are those from the last 7 days.
- If there are several recent jobs, search by Job ID.



The image shows the StrataSync login interface. At the top is the 'VIAVI' logo and a 'Sign In' header. Below this are two input fields: 'Username' (with an envelope icon) and 'Password' (with a lock icon). A large purple 'Sign In' button is positioned below the password field. At the bottom, there is a link that says 'Forgot your password?'.



The image shows the 'StrataSync Import' screen. At the top left, there is a 'Search by' dropdown menu with 'Recent Jobs' selected. Next to it is a 'Date range' field showing '7/31/2026 - 8/8/2026' with a calendar icon. To the right is a 'Quick search' text box. Below these are two main panels. The left panel is titled 'Projects/Jobs ↑' and contains a 'No Rows To Show' message. The right panel is titled 'No files selected' and contains a 'Files ↑' section with a 'Status' dropdown, also showing a 'No Rows To Show' message. At the bottom right, there are 'Close' and 'Import' buttons. A blue arrow points from the text 'Recent Jobs / Job ID dropdown' to the 'Search by' dropdown menu.

Importing files from StrataSync

Make sure you have the StrataSync role permissions as shown below to import test results.

Note that adding the **Job Management > View Jobs** permission will automatically add the **Test Data > View Test Data** permission. The administrator role will have these permissions by default.

This feature is only for TPA jobs and you will only be able to import test results that were associated to a TPA job.

For more details, see the [Cloud Services User Guide](#).

The screenshot shows a 'CREATE USER ROLE' dialog box. At the top, there is a 'Role name' field and a 'Landing Site' dropdown menu set to 'Administrat...'. Below this is a instruction: 'Move permissions to or from Permissions granted list to define this user role'. The dialog is divided into two main sections: 'Permissions available:' on the left and 'Permissions granted:' on the right. The 'Permissions available' list includes 'Configuration Management', 'Data Exchange', 'Firmware Management', 'Job Management' (with sub-items: 'Add Jobs', 'Approve Jobs', 'Assign Jobs', 'Delete Jobs', 'Edit Jobs', 'Import Jobs'), 'Job Template Management', 'License Management', 'Miscellaneous Permissions', and 'Options Management'. The 'Permissions granted' list shows 'Job Management' (with 'View Jobs' selected) and 'Test Data' (with 'View Test Data' selected). Between the two lists are two arrows: a right-pointing arrow and a left-pointing arrow. At the bottom right, there are 'Done' and 'Cancel' buttons.

StrataSync role permissions – Importing test results



NOTE:

For additional help, contact 1-844-GO-VIAVI /1-844-468-4284/ +1-855-275-5378 (outside the US and Canada) or TAC@viavisolutions.com.

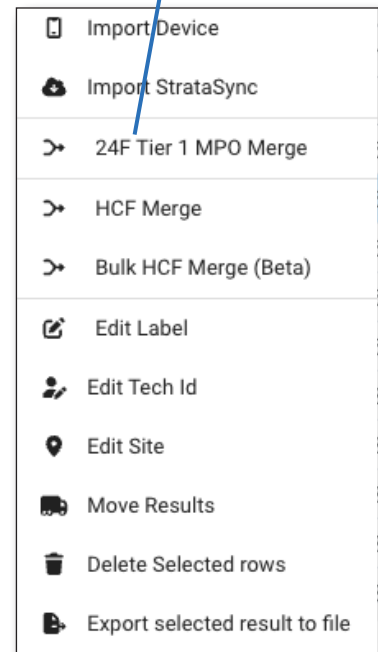
Merging 24F Tier 1 MPO results (MPOLx)

You can merge two 12-fiber Tier 1 MPO test results from the MPOLx—the matching @A and @B halves of the same set—into a single 24-fiber (@24) result.

1. In the Test results panel, select the two compatible results to merge – the corresponding @A and @B results from the same set (for example, A-03@A and A-03@B). Selecting the matching @A/@B pair is what produces a meaningful @24 merged result.
2. From the **Test Results** menu, select **24F Tier 1 MPO Merge**. The Merging files screen is displayed, showing the progress of the merge.
3. When the merge is complete, select **OK**. The merged 24-fiber result is added to the project (label ends with "@24").

Use the wavelength-specific tabs to view each wavelength – 850 and 1300 nm for multimode, or 1310 and 1550 nm for singlemode.

24F Tier 1 MPO Merge

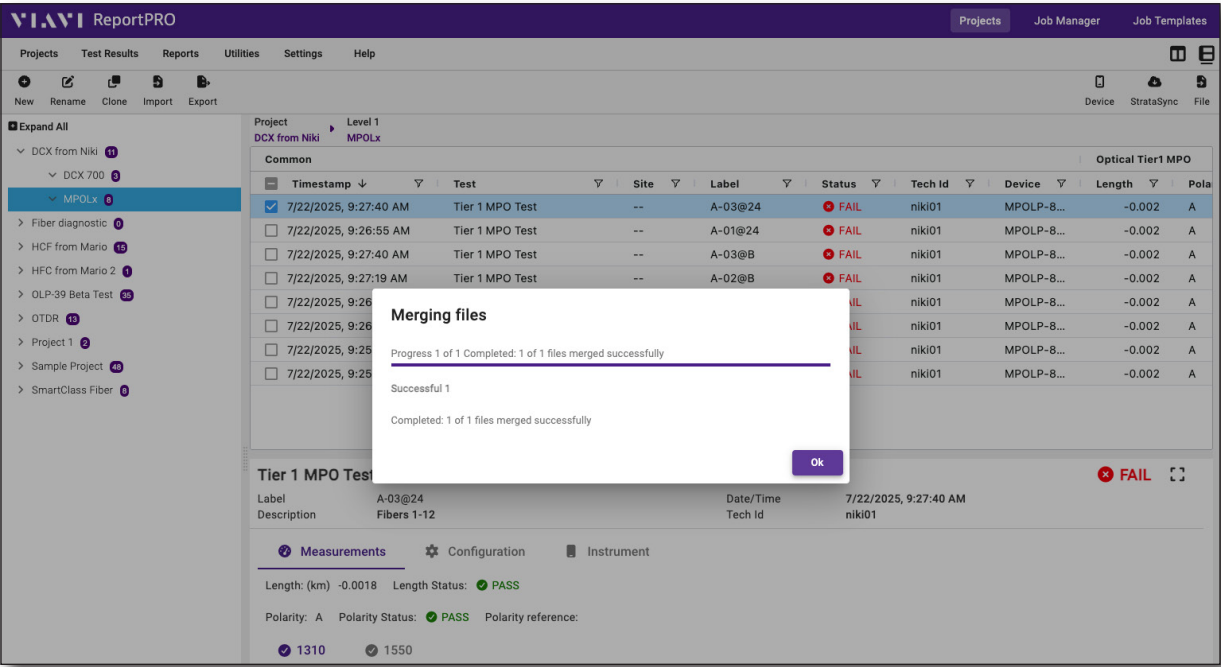


Note: The selected results must be compatible 12-fiber MPO test files. Results that cannot be merged are listed as **Invalid for Merge** in the Merging files screen.

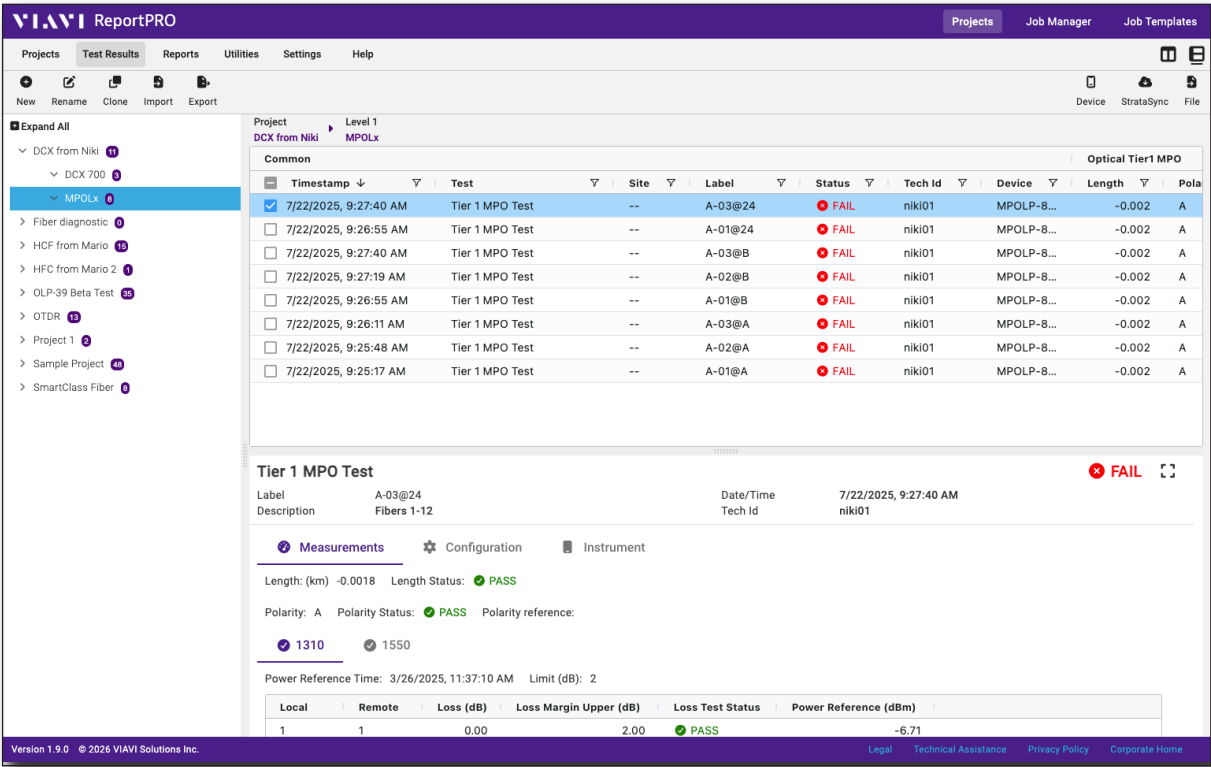
The screenshot shows the VIAVI ReportPRO interface. The 'Test Results' panel is expanded, showing a list of test results. Two results, 'A-01@A' and 'A-01@B', are selected for merging. The '24F Tier 1 MPO Merge' option is highlighted in the menu.

Timestamp	Test	Site	Label	Status	Tech Id	Device	Length	Pola
7/22/2025, 9:27:40 AM	Tier 1 MPO Test	--	A-03@24	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:27:40 AM	Tier 1 MPO Test	--	A-03@B	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:27:19 AM	Tier 1 MPO Test	--	A-02@B	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:26:55 AM	Tier 1 MPO Test	--	A-01@B	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:26:11 AM	Tier 1 MPO Test	--	A-03@A	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:25:48 AM	Tier 1 MPO Test	--	A-02@A	FAIL	niki01	MPOLP-8...	-0.002	A
7/22/2025, 9:25:17 AM	Tier 1 MPO Test	--	A-01@A	FAIL	niki01	MPOLP-8...	-0.002	A

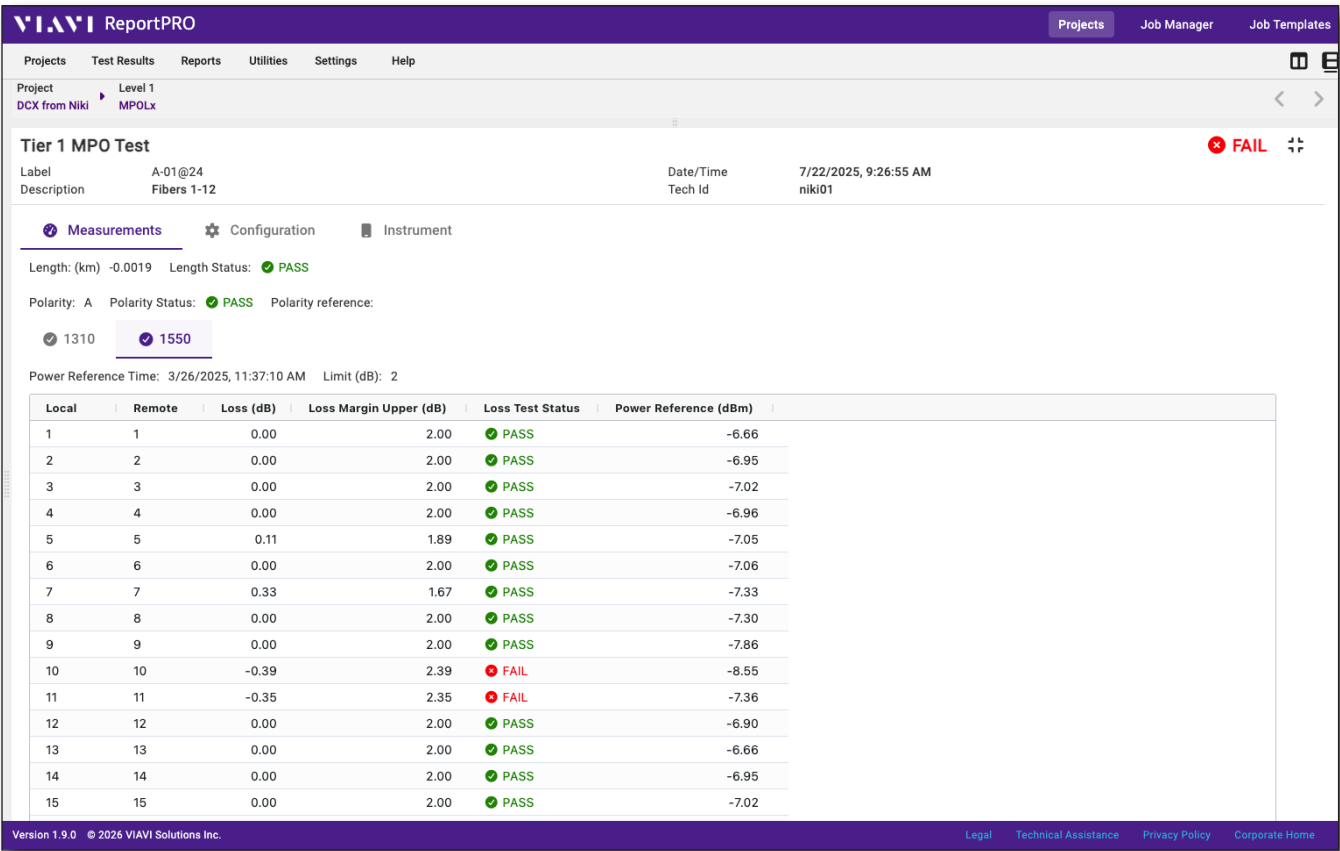
Merging 2 x 12F Tier 1 MPO files from the MPOLx, matching @A and @B halves selected



Tier 1 MPO files merged successfully



Merged result (A-03@24) in the results list, 1310 nm



Merged 24-fiber result, 1550 nm

Hollow-core Fiber (HCF) workflow — overview

The complete HCF workflow has four parts:

- Obtain the HCF license
- Import your HCF result files and merge them
- Add or remove events as needed
- Generate a report and export the data as a Loss Profile file (JSON).

The merge step is described in “Merging Hollow-core Fiber results”; the other steps are covered in this chapter.

All HCF features require the HCF license (**RP-HCF-LP**).

Merging Hollow-core Fiber results

You can merge Hollow-core Fiber (HCF) results. Requires the HCF license (**RP-HCF-LP**).

1. In the Test results panel, select the compatible test results you want to merge.
2. From the **Test Results** menu, select **HCF Merge** or **Bulk HCF Merge (Beta)**. The Merging files screen is displayed, showing the progress of the merge.

Bulk HCF Merge (Beta) auto-matches and merges multiple forward/reverse pairs at once (matched by wavelength/pulse/resolution, then HCF length proximity, filename similarity, and opposite direction).

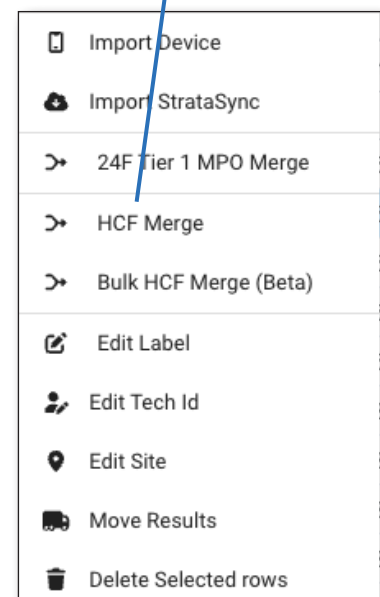
3. When the merge is complete, select **OK**. The merged HCF results are added to the project.

Tip: For best auto-match, put the cable or span ID at the START of the filename (early tokens carry the most weight), and mark forward vs. reverse with a clear direction indicator such as **OE / EO** or **AB / BA**.

Keep the paired filenames otherwise identical — for example, *CableA_OE.sor* and *CableA_EO.sor* — and avoid plain numeric suffixes like **trace1** / **trace2**, which give the matcher no directional signal.

Note: The selected results must be compatible HCF test files. Results that cannot be merged are listed as **Invalid for Merge** in the Merging files screen.

HCF Merge



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Bulk HCF Merge

5 pair(s) auto-matched · 0 unmatched · 5 selected

☒	FILE A	WAVELENGTH	PULSE (NS)	RESOLUTION	DIR	HCF LENGTH	BEST MATCH (FILE B)	RESOLUTION	DIR	HCF LENGTH	Δ HCF LENGTH	Δ %	SCORE	STATUS
☒	C...	1550	200	7.494811	—	27.026 km	C...	7.494811	—	27.026 km	0.000 m	0.000%	90%	
☒	C...	1550	200	7.494811	—	27.026 km	C...	7.494811	—	27.034 km	7.495 m	0.028%	90%	
☒	C...	1625	200	7.494811	—	27.026 km	C...	7.494811	—	27.034 km	7.495 m	0.028%	90%	
☒	C...	1550	300	7.494811	—	27.476 km	C...	7.494811	—	27.566 km	89.938 m	0.327%	82%	
☒	C...	1625	200	7.494811	—	27.026 km	C...	7.494811	—	27.034 km	7.495 m	0.028%	90%	

Bulk HCF Merge: pairs auto-matched, merged

Auto-Match Help

⚠ This auto match feature is currently still in Beta.

How matching works

Files are first filtered so that only traces with identical wavelength, pulse width, and resolution are considered as potential pairs. Within those candidates, each pair is scored on three factors:

- **HCF fiber length proximity (60%)** – pairs whose measured HCF lengths are within ~20% of each other score highest. This is the strongest signal that two traces are the forward and reverse sweeps of the same fiber.
- **Filename similarity (30%)** – tokens at the beginning of the filename carry more weight than tokens at the end, so a shared cable or span identifier near the front of the name will strongly boost the score.
- **Opposite direction (10%)** – if the direction fields differ (e.g. AB vs BA) a small bonus is applied.

Each file can only appear in one pair. The algorithm always picks the highest-scoring candidate first, then moves on to the next unmatched files.

Tips for better matching

- Put the cable or span identifier at the **start** of the filename – early tokens carry more weight (e.g. *Span5_1550_FWD.sor* rather than *FWD_1550_Span5.sor*).
- Use a consistent, clear direction indicator such as **OE / EO** or **AB / BA** so the direction bonus is applied.
- Keep forward and reverse filenames as similar as possible – ideally differing only in the direction token (e.g. *CableA_OE.sor* and *CableA_EO.sor*).
- Avoid purely numeric suffixes to distinguish directions (e.g. *trace1.sor / trace2.sor*) – there is no directional signal and all files look equally similar, making it harder to find the correct pair.

Close

Auto-Match Help (scoring)

Viewing OTDR and Hollow-core Fiber result details

When you open an OTDR or HCF result, the Measurements view provides three tabs:

Trace — The trace, plotted as loss (dB) over distance. Use the Zoom controls (right side) to zoom, and the A/B (and a/b/c) cursors to measure a section. Select **5pt Loss cursors** for five-point loss, or **Add Event** to add an event to the trace manually.

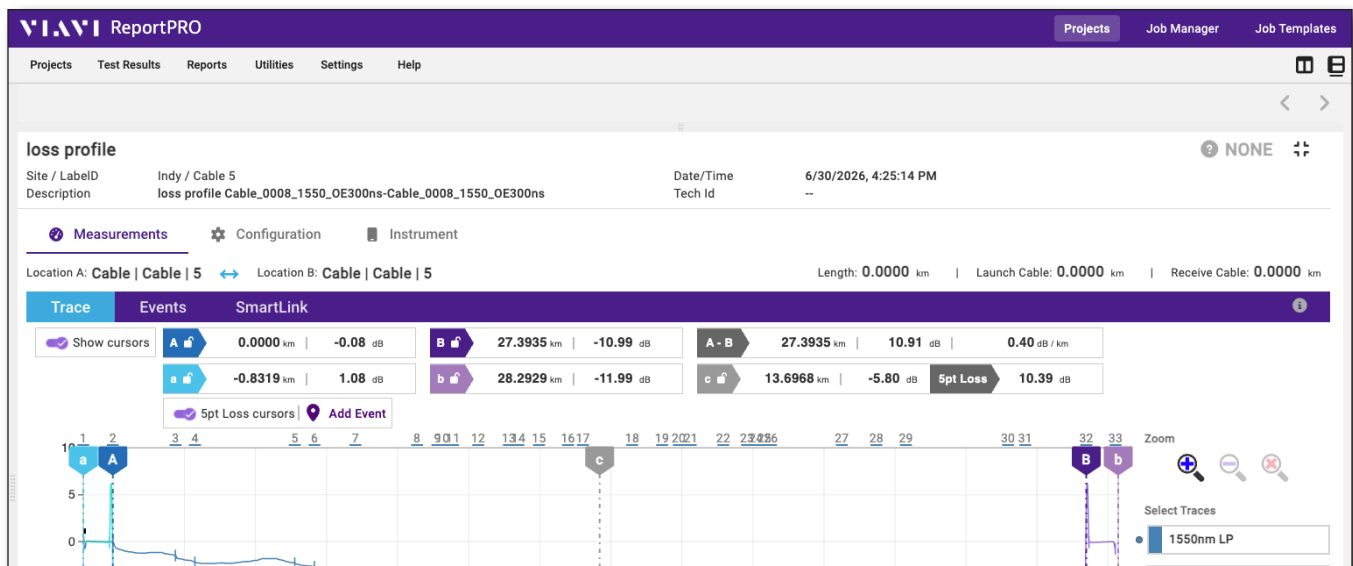
For an HCF loss profile, the graph overlays three traces — the loss profile and its forward and reverse sweeps, labeled 1550nm LP, 1550nm A>B, and 1550nm B->A (inverted) — listed in the **Select Traces** legend (right side) and color-matched to the graph.

Select a trace in the legend to make it the active one for cursor measurements; all traces stay plotted, and the active-marker dot shows which one the cursors are measuring.

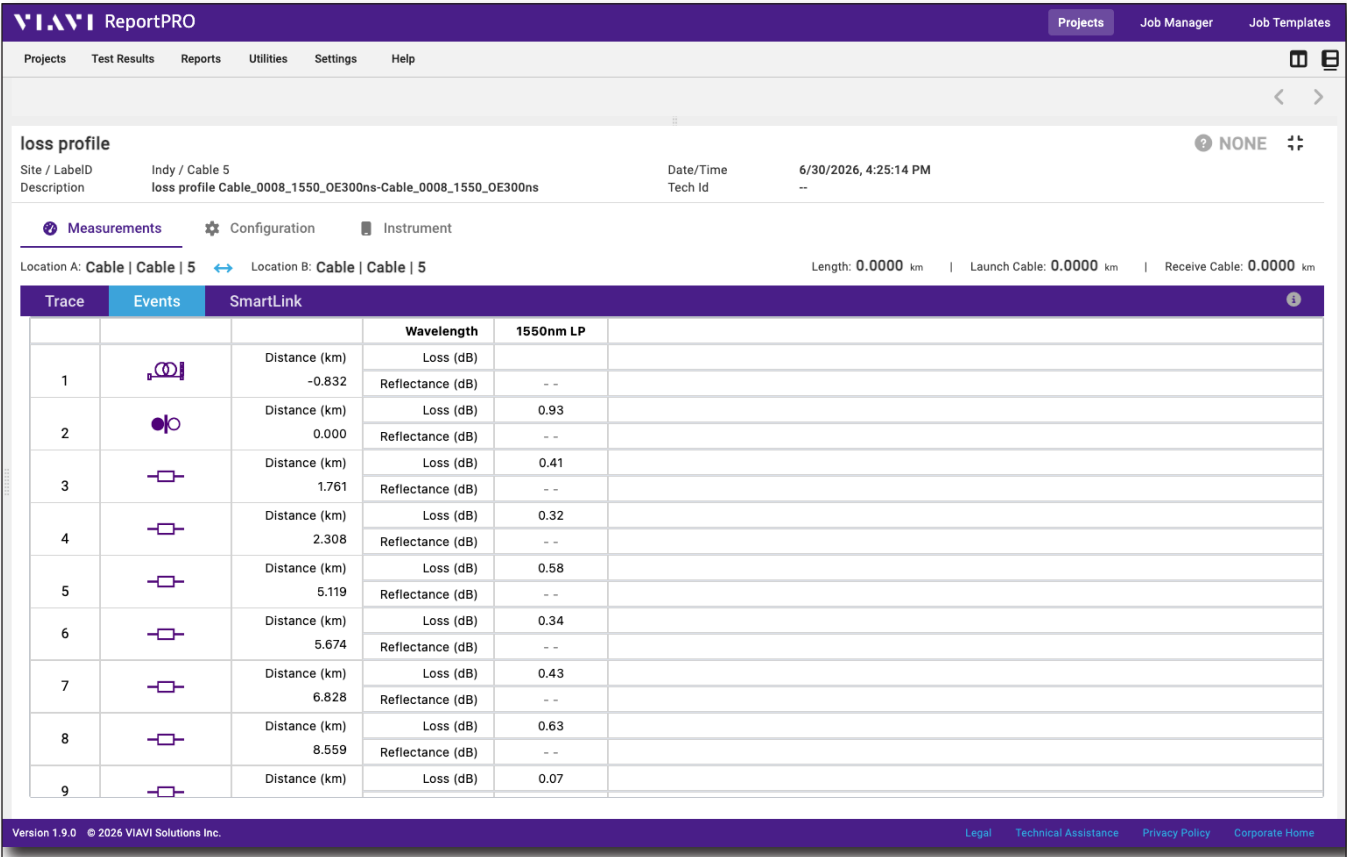
Events — A table of detected events; each lists Distance, Loss (dB), and Reflectance (dB) per wavelength.

SmartLink — An icon-based link map of each event in sequence with its distance, plus an OTDR Measurements summary (Wavelength, Link Loss, Link ORL, Avg Loss).

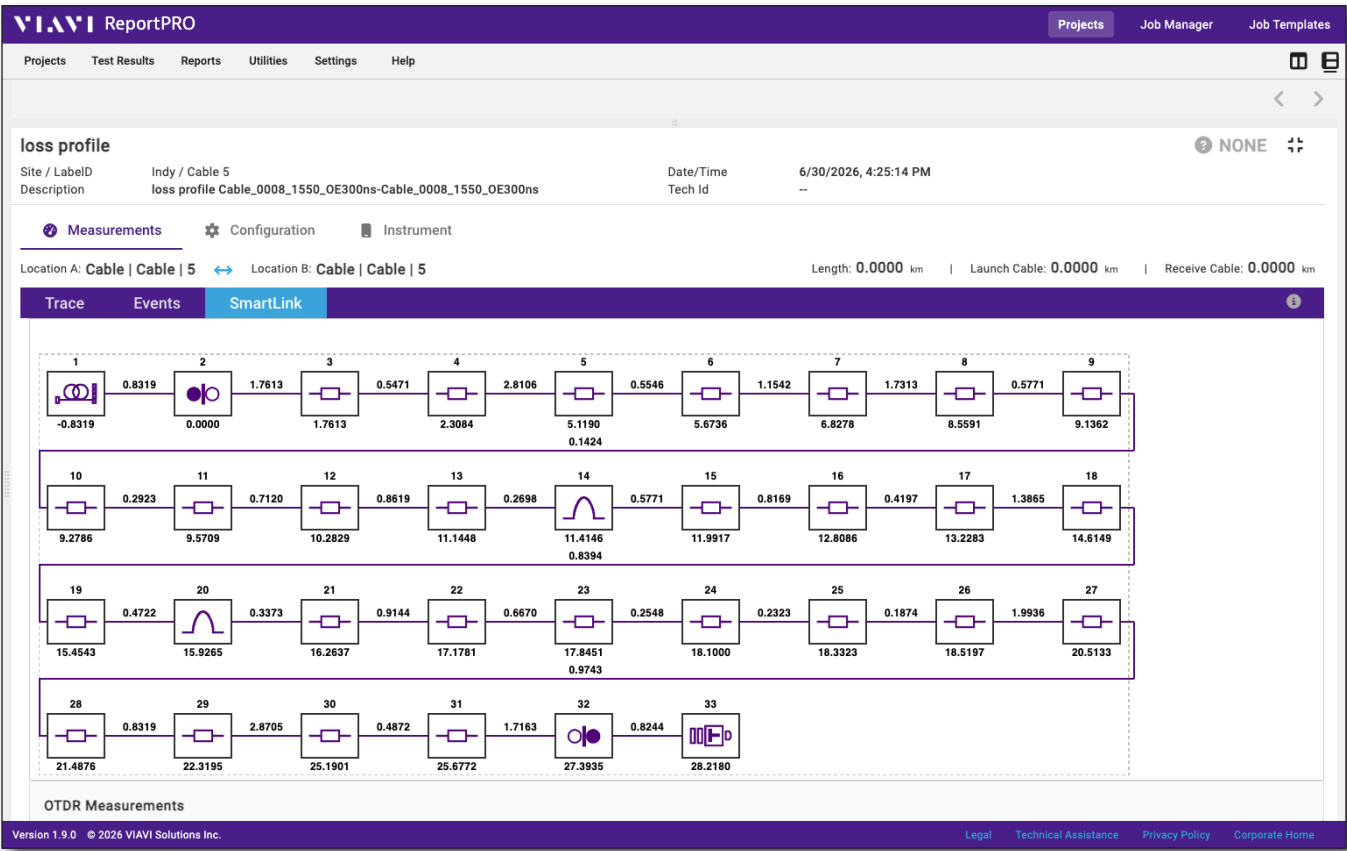
Note: Distance and slope values reflect your selected distance unit. *See "Global Settings" on page 20.*



Trace tab – Cursors, 5pt Loss cursors, Add Event, and Zoom and Select Traces on the right



Events tab

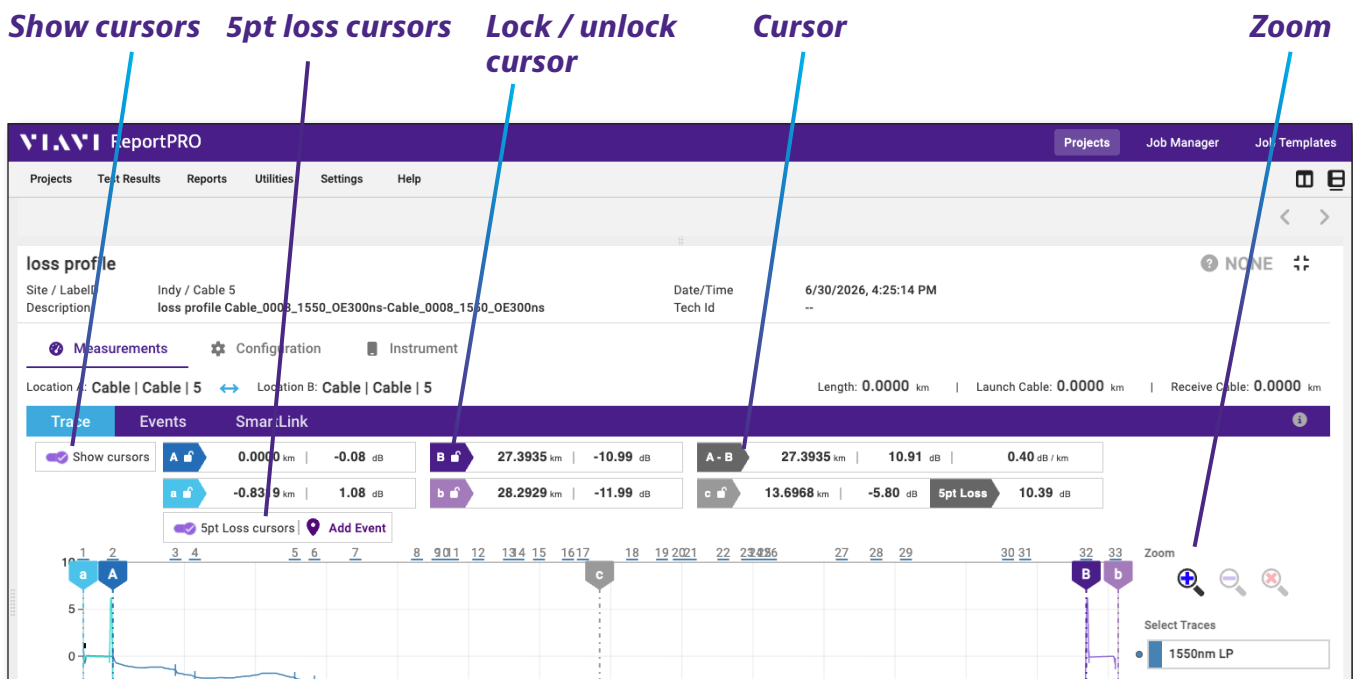


SmartLink tab

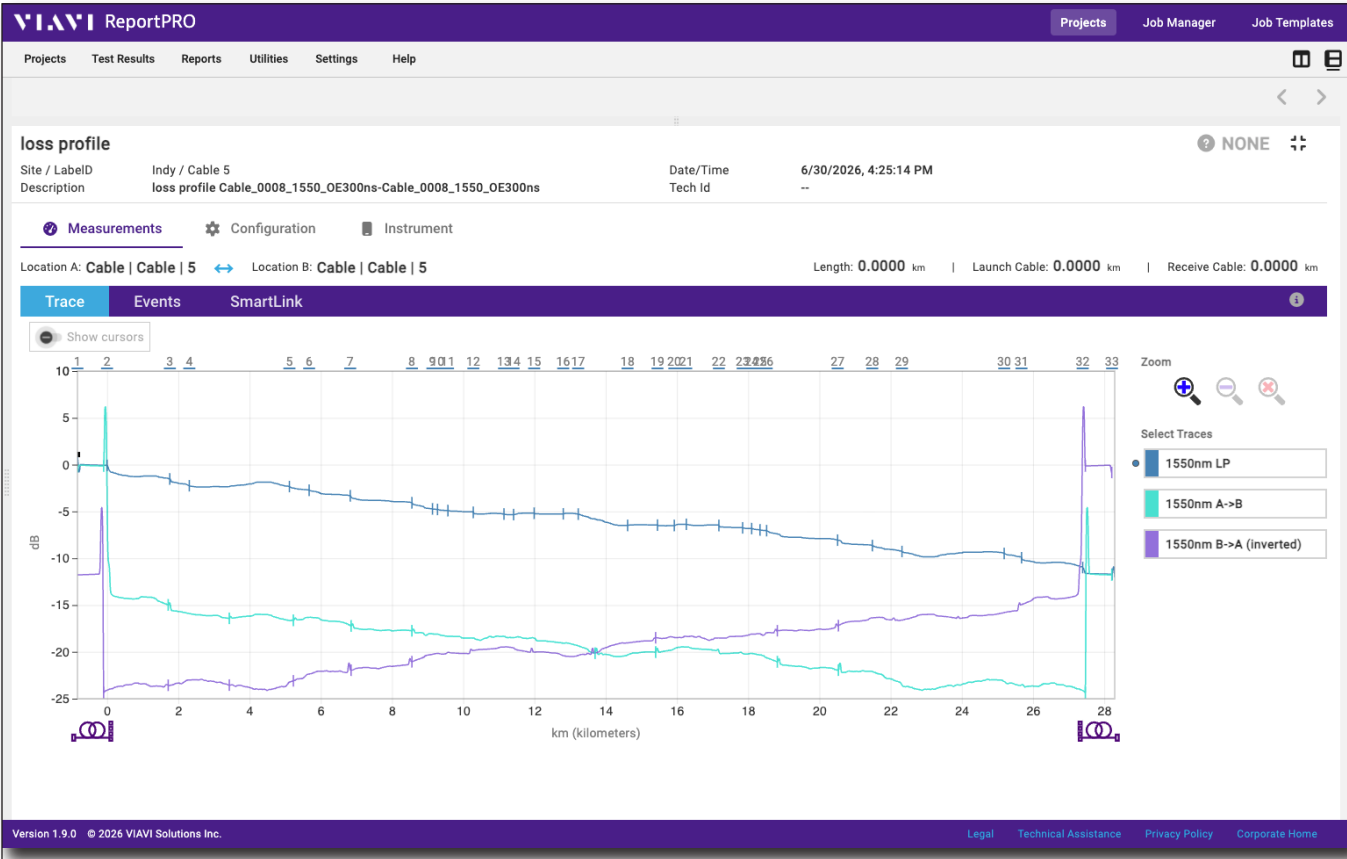
Using the Trace cursors

The Trace plots loss (dB) over distance with measurement cursors (A, B, a, b, c).

- **Show or hide cursors** — Select the **Show cursors** toggle above the trace
- **5pt Loss cursors** — Toggle to show the five-point loss measurement
- **Move a cursor** — Select and drag, or arrow keys. Shift+arrow/drag moves all; Alt+arrow/drag is fine adjustment. Values at the top update (distance, loss, A–B span, loss per distance).
- **Lock or unlock a cursor** — Select the lock icon in the value bar
- **Zoom** — Magnifier controls (in/out/reset) on the right side of the graph



Trace tab, showing cursors and traces



Trace tab, with Show cursors off

Marking events real or false

ReportPRO automatically detects and classifies events. To change a detected event's classification, right-click it in the Events tab or the SmartLink view and select:

- **Set to false event** — Greys it out, labels it **False**, and excludes it from the link results (not deleted)
- **Set to real event** — Keeps/restores it as real (default; green check)

The screenshot shows the ReportPRO interface with the 'loss profile' section. The 'Events' tab is selected, displaying a table of events. A context menu is open over event 2, showing the options 'Set to false event' and 'Set to real event'.

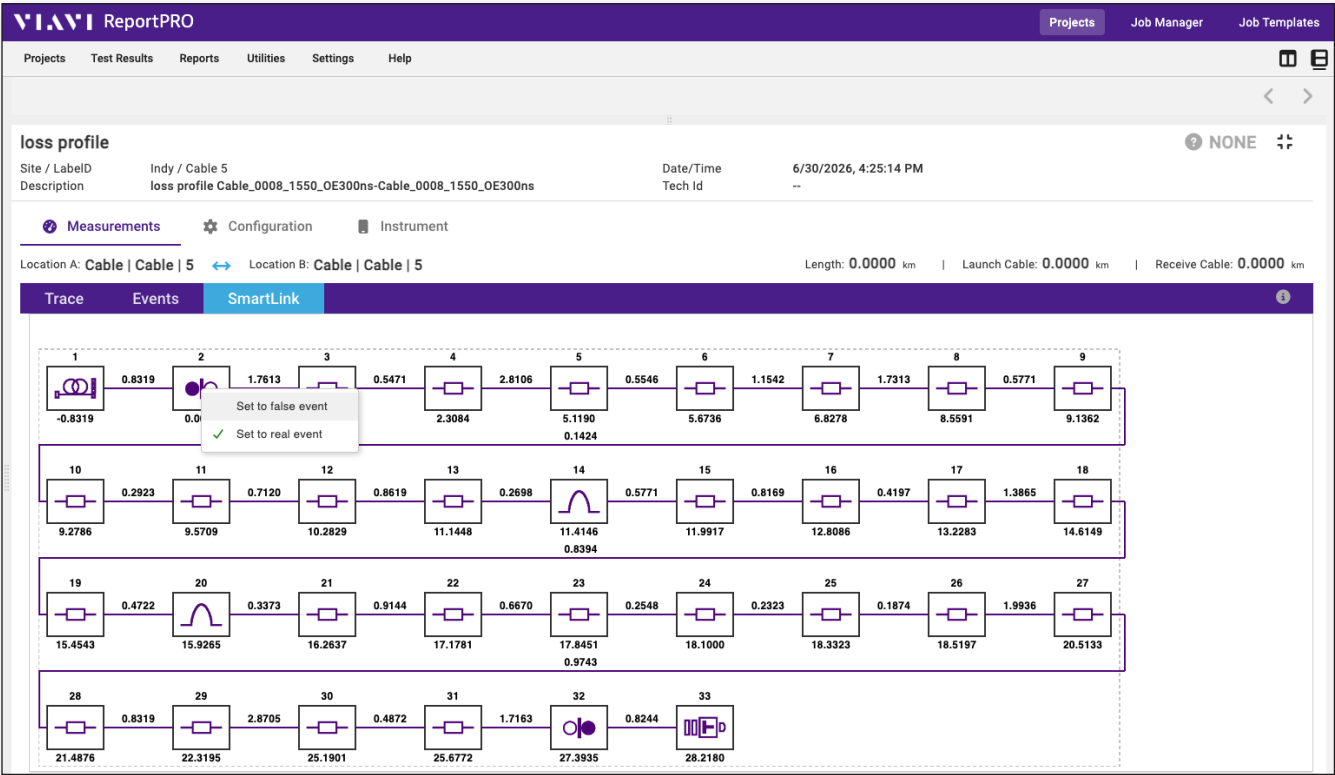
Trace	Events	SmartLink	Wavelength	1550nm LP
1		Distance (km) -0.832	Loss (dB) Reflectance (dB)	--
2		Distance (km) 0.000	Loss (dB) Reflectance (dB)	0.93 --
3		Distance (km) 1.761	Loss (dB) Reflectance (dB)	0.41 --
4		Distance (km) 2.308	Loss (dB) Reflectance (dB)	0.32 --
5		Distance (km) 5.119	Loss (dB) Reflectance (dB)	0.58 --
6		Distance (km) 5.674	Loss (dB) Reflectance (dB)	0.34 --
7		Distance (km) 6.828	Loss (dB) Reflectance (dB)	0.43 --
8		Distance (km)	Loss (dB) Reflectance (dB)	0.63 --

Events tab – Setting an event to a false or real event

The screenshot shows the ReportPRO interface with the 'loss profile' section. The 'Events' tab is selected, displaying a table of events. Event 2 is marked as 'False' and is greyed out.

Trace	Events	SmartLink	Wavelength	1550nm LP
1		Distance (km) -0.832	Loss (dB) Reflectance (dB)	--
2	False	Distance (km) 0.000	Loss (dB) Reflectance (dB)	0.93 --
3		Distance (km) 1.761	Loss (dB) Reflectance (dB)	0.41 --
4		Distance (km) 2.308	Loss (dB) Reflectance (dB)	0.32 --

Events tab – Event marked False (greyed, excluded)



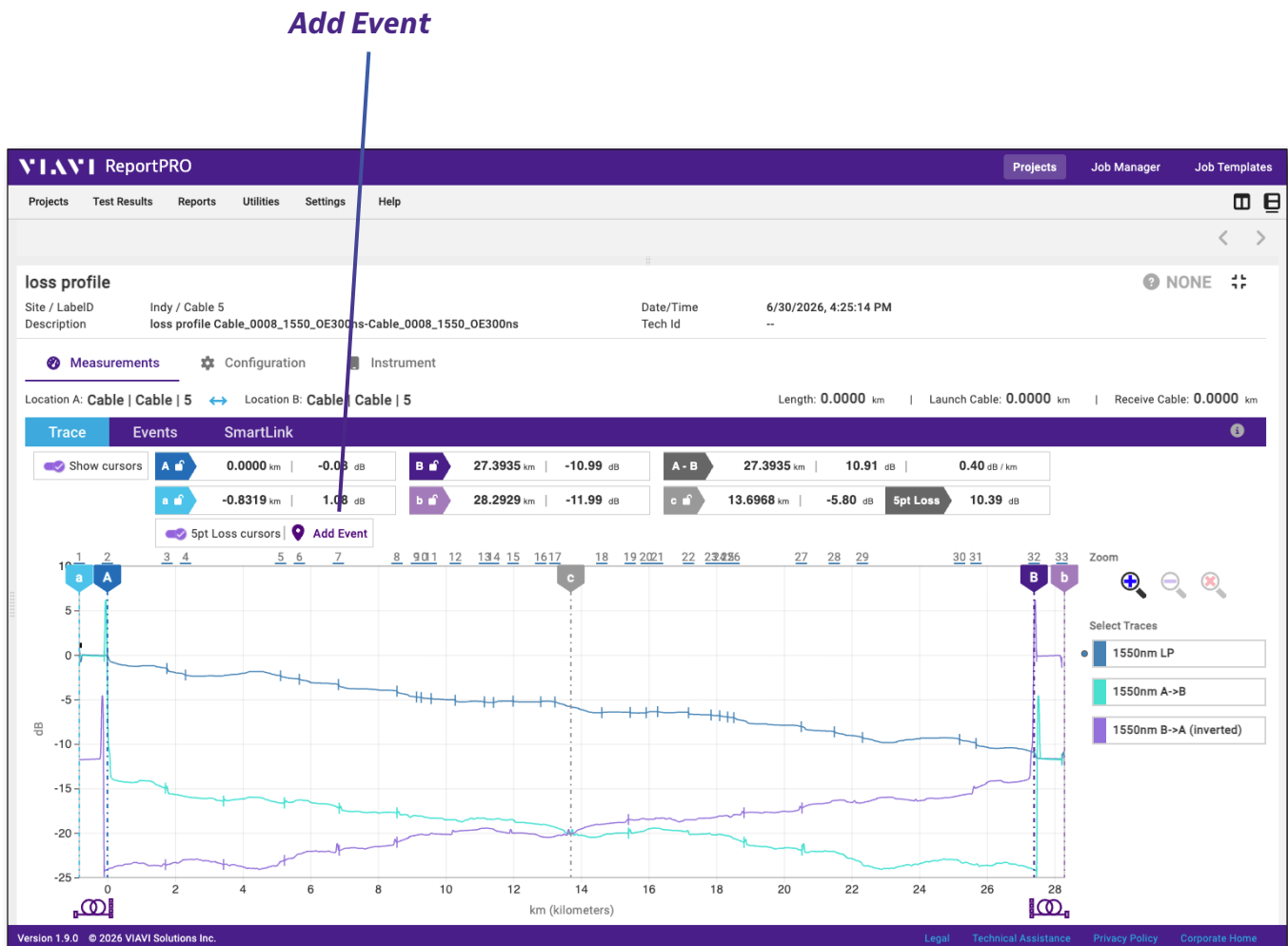
SmartLink tab – Setting an event to a false or real event

Adding and managing manual events

In addition to auto-detected events, you can add your own manual events on the trace.

1. On the trace, position a cursor at the target point — it must fall in a gap between existing events.
2. Select **Add Event**. The event is added, labeled **Manual**.
 - To set its type, from the **Events** or **SmartLink** tabs, right-click the manual event. Set event type to **Splice** or **Connector** (a checkmark shows the current type).
 - To delete it, right-click and select **Delete this event** (or click the X on the row).

Note: Position the cursor in a clear gap between existing events before selecting **Add Event**.



Trace tab, adding an event

ReportPRO

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loss profile

Site / LabelIDIndy / Cable 5
Descriptionloss profile Cable_0008_1550_OE300ns-Cable_0008_1550_OE300ns

Date/Time6/30/2026, 4:25:14 PM
Tech Id--

2 NONE

MeasurementsConfigurationInstrument

Location A: Cable | Cable | 5Location B: Cable | Cable | 5Length: 0.0000 kmLaunch Cable: 0.0000 kmReceive Cable: 0.0000 km

Trace	Events	SmartLink						
26		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.6</td></tr><tr><td>18.520</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.6	18.520	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.6						
18.520	Reflectance (dB)	--						
27		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.42</td></tr><tr><td>20.513</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.42	20.513	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.42						
20.513	Reflectance (dB)	--						
28		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.3</td></tr><tr><td>21.488</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.3	21.488	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.3						
21.488	Reflectance (dB)	--						
29		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.57</td></tr><tr><td>22.320</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.57	22.320	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.57						
22.320	Reflectance (dB)	--						
30		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>1.69</td></tr><tr><td></td><td>Reflectance (dB)</td><td></td></tr></table>	Distance (km)	Loss (dB)	1.69		Reflectance (dB)	
Distance (km)	Loss (dB)	1.69						
	Reflectance (dB)							
31		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.28</td></tr><tr><td></td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.28		Reflectance (dB)	--
Distance (km)	Loss (dB)	0.28						
	Reflectance (dB)	--						
32		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.44</td></tr><tr><td>25.677</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.44	25.677	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.44						
25.677	Reflectance (dB)	--						
33		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td>0.95</td></tr><tr><td>27.394</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)	0.95	27.394	Reflectance (dB)	--
Distance (km)	Loss (dB)	0.95						
27.394	Reflectance (dB)	--						
34		<table><tr><td>Distance (km)</td><td>Loss (dB)</td><td></td></tr><tr><td>28.218</td><td>Reflectance (dB)</td><td>--</td></tr></table>	Distance (km)	Loss (dB)		28.218	Reflectance (dB)	--
Distance (km)	Loss (dB)							
28.218	Reflectance (dB)	--						

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Events tab – Setting the event type

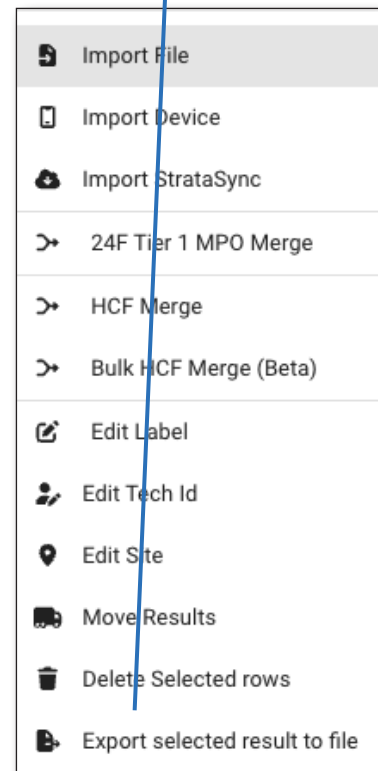
Generating a report and exporting the Loss Profile (JSON)

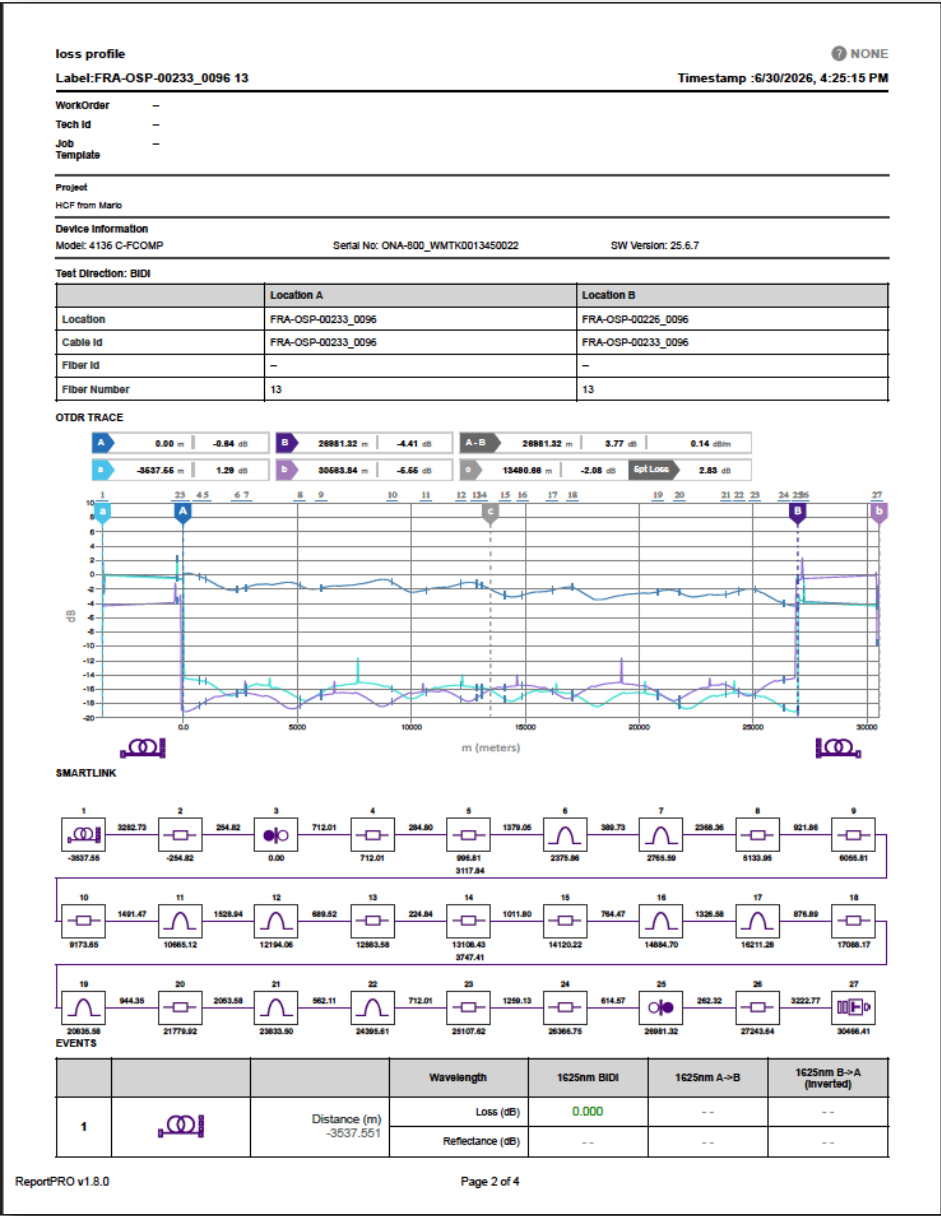
Once your HCF results are merged and events are finalized, you can generate a report and/or export the Loss Profile data.

Loss Profiles and the JSON export are Hollow-core Fiber features and require the HCF license (**RP-HCF-LP**).

1. Generate a report. *See "Reports" on page 81.*
2. To export the Loss Profile data, select the loss-profile result, then from the Test Results menu, choose **Export Selected Results to File** (or right-click and choose it). The loss-profile result is exported as a JSON (Loss Profile) file.
3. Choose a destination and select **Save**.

Export to file





Example HCF Loss Profile report

			Wavelength	1625nm BIDI	1625nm A→B	1625nm B→A (Inverted)
2		Distance (m) -254.824	Loss (dB)	0.211	0.134	0.134
			Reflectance (dB)	--	--	--
3		Distance (m) 0.000	Loss (dB)	-0.974	--	--
			Reflectance (dB)	--	--	--
4		Distance (m) 712.007	Loss (dB)	0.227	0.134	0.134
			Reflectance (dB)	--	--	--
5		Distance (m) 906.810	Loss (dB)	1.582	0.134	0.134
			Reflectance (dB)	--	--	--
6		Distance (m) 2375.855	Loss (dB)	-0.345	--	--
			Reflectance (dB)	--	--	--
7		Distance (m) 2765.585	Loss (dB)	-0.379	--	--
			Reflectance (dB)	--	--	--
8		Distance (m) 5133.948	Loss (dB)	0.848	0.134	0.134
			Reflectance (dB)	--	--	--
9		Distance (m) 8055.808	Loss (dB)	-0.080	0.134	0.134
			Reflectance (dB)	--	--	--
10		Distance (m) 9173.649	Loss (dB)	1.088	0.005	0.005
			Reflectance (dB)	--	--	--
11		Distance (m) 10865.117	Loss (dB)	-0.153	--	--
			Reflectance (dB)	--	--	--
12		Distance (m) 12194.058	Loss (dB)	-0.482	--	--
			Reflectance (dB)	--	--	--
13		Distance (m) 12883.581	Loss (dB)	0.133	-0.123	-0.123
			Reflectance (dB)	--	--	--
14		Distance (m) 13108.425	Loss (dB)	1.395	-0.123	-0.123
			Reflectance (dB)	--	--	--
15		Distance (m) 14120.225	Loss (dB)	0.289	0.244	0.244
			Reflectance (dB)	--	--	--
16		Distance (m) 14884.696	Loss (dB)	-0.464	-1.949	-1.949
			Reflectance (dB)	--	--	--
17		Distance (m) 16211.277	Loss (dB)	-0.195	-1.949	-1.949
			Reflectance (dB)	--	--	--
18		Distance (m) 17088.170	Loss (dB)	2.214	0.244	0.244
			Reflectance (dB)	--	--	--
19		Distance (m) 20835.578	Loss (dB)	-0.206	-1.949	-1.949
			Reflectance (dB)	--	--	--

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Editing labels

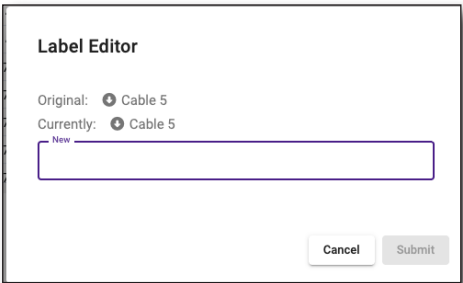
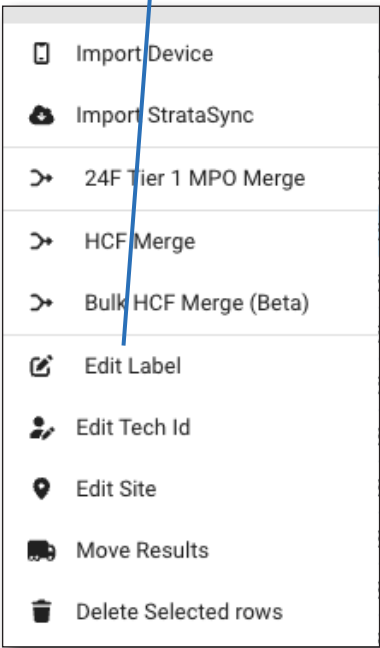
You can edit the cable ID labels for test results to include in your reports.

1. From the Test Results summary list panel, select the results you want to edit.
2. From the **Test Results** menu, select **Edit Label** (or right click the results and choose it from the dropdown). The Edit Label screen is displayed.
3. Enter the new label and select **Submit**. The label in the list will be updated.

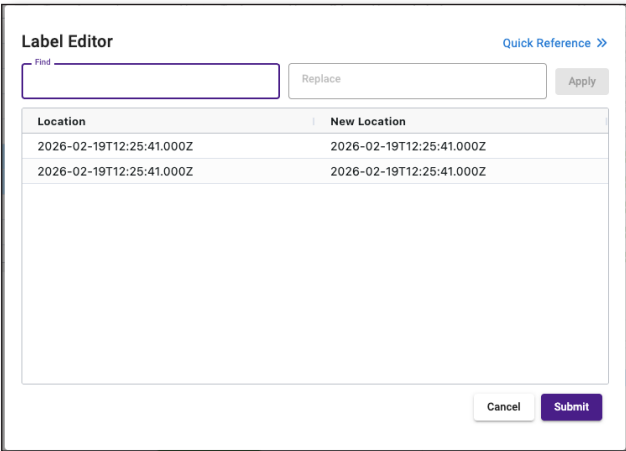
For bulk edits, use the find and replace fields as necessary. Select **Apply** to update the labels.

When finished, select **Submit**.

Edit Label



Edit Label



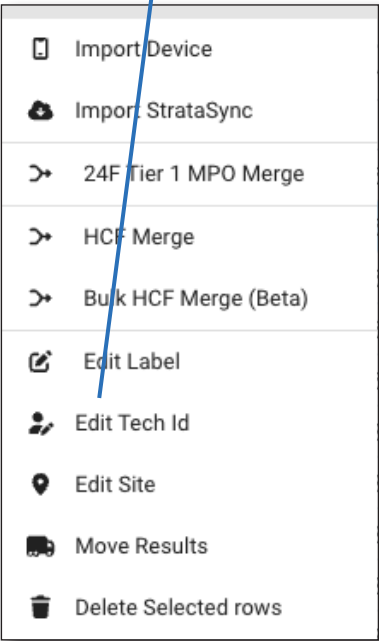
Edit Label — Bulk find/replace

Editing tech IDs

You can edit tech IDs for test results to include in your reports.

1. From the Test Results summary list panel, select the results you want to edit. You can select multiple results, even if there are multiple tech IDs.
2. From the **Test Results** menu, select **Edit Tech ID** (or right click the results and choose it from the dropdown). The Edit Tech ID screen is displayed.
3. Enter the new tech ID and select **Submit**. The tech ID(s) in the list will be updated.

Edit Tech ID



Replace Technician With

Replace

Cancel

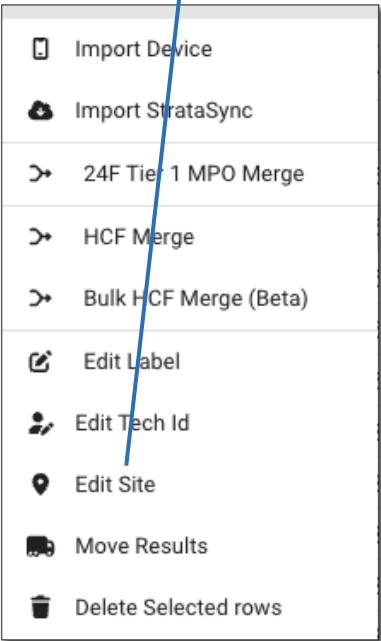
Submit

Editing sites

You can edit sites for test results to include in your reports.

- 1. From the Test Results summary list panel, select the results you want to edit. You can select multiple results, even if there are multiple sites.
- 2. From the **Test Results** menu, select **Edit Site** (or right click the results and choose it from the dropdown). The Edit Site screen is displayed.
- 3. Enter the new site and select **Submit**. The site(s) in the list will be updated.

Edit Site



Replace Site With

Replace

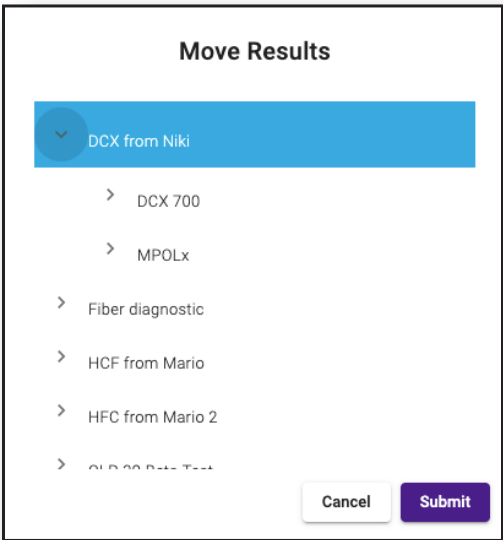
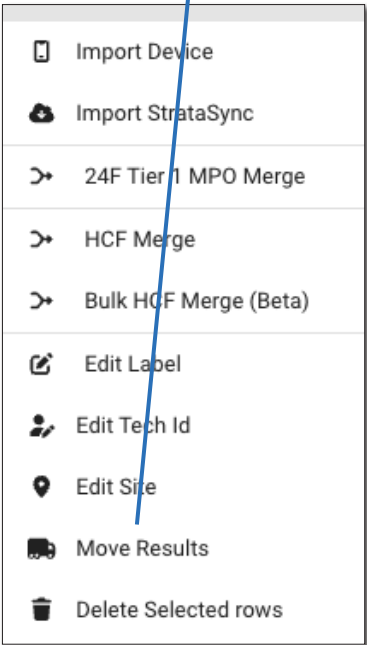
CancelSubmit

Moving results

Once test results have been imported from a file, the instrument, or StrataSync, you can move the results to organize them better.

- 1. From the Test Results summary list panel, select the results you want to move to a project.
- 2. From the **Test Results** menu, select **Move Results** (or right click the results and choose it from the dropdown). The Move Results screen is displayed.
- 3. Select a project or child project. Select **Submit**. The results will be moved to the project.

Move Results

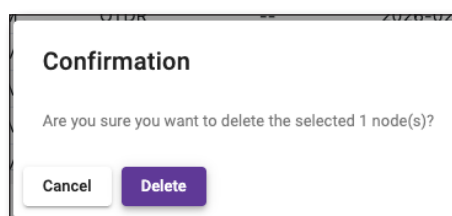
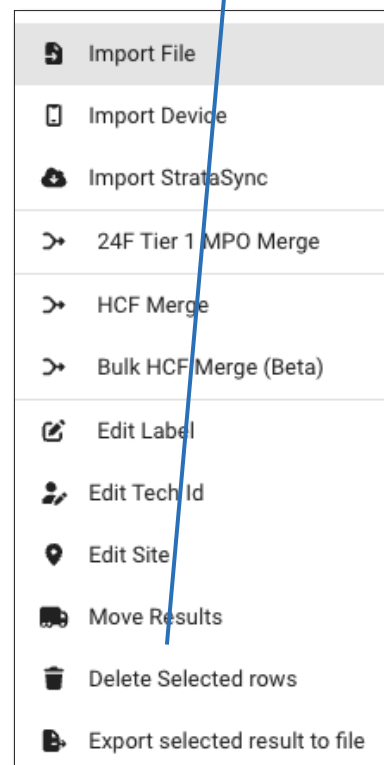


Deleting selected test results rows

You can delete test results from your projects.

1. From the Test Results summary list panel, select the results you want to delete.
2. From the **Test Results** menu, select **Delete selected rows** (or right click the results and choose it from the dropdown).
3. A popup will ask you to confirm. Select **Submit**. The results will be removed from the project permanently.

Delete selected rows



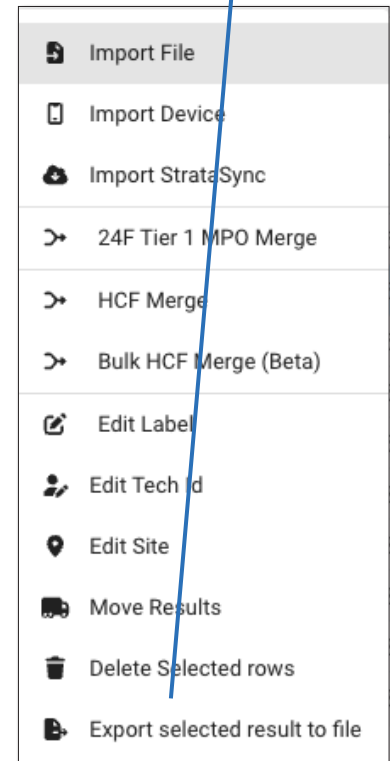
Exporting selected results to files

You can export test results as files to archive or share with someone else. Files are exported in .JSON format within a compressed (.ZIP) file.

Again, this is a great way to share test results with someone who doesn't have the instrument itself for reporting or troubleshooting.

1. From the Test Results summary list panel, select the results you want to export to a file.
2. From the **Test Results** menu, select **Export selected result to file** (or right click the results and choose it from the dropdown).
3. Name the file, select where to save it, and then **Save**. The results will be saved as file. You can then share the file to be imported by someone else or archive it.

Export Selected results



Sorting and filtering test results

You can easily sort and filter test results.

Sorting

From the Test Results summary list panel, select the column you want to filter at the top. It sorts the results alphabetically, forward and reverse, each time you click it.

Keep toggling the sort to clear it.

Sort results

Common		
☐	Timestamp ↓	Test
☒	2/14/2024, 5:53:23 PM	OTDR
☐	2/14/2024, 5:37:01 PM	OTDR

Filtering

1. From the Results summary list panel, click the filter options icon on the column you want to filter.
The Filter options will appear in the column.
2. Adjust the filter options as needed and select **Apply**.
The results summary list will show the filtered results, with the filter icon at the top of the column.
3. When finished, select the **Filter options** again, then select **Reset** to clear the filter.

Filter options

Common		
☐	Timestamp ↓	Test
☒	2/14/2024, 5:53:23 PM	OTDR
☐	2/14/2024, 5:37:01 PM	OTDR

Contains

Link

☒ AND ☐ OR

Contains

001

Reset

Apply

Reports

This chapter covers the Reports features of ReportPRO, including the following:

- ["Reports" on page 82](#)

Reports

You can easily create summary or detailed reports in ReportPRO, including the following:

- Fiber inspection (simplex and MPO)
- Tier 1 test
- Tier 1 MPO test
- OTDR
- FiberComplete PRO

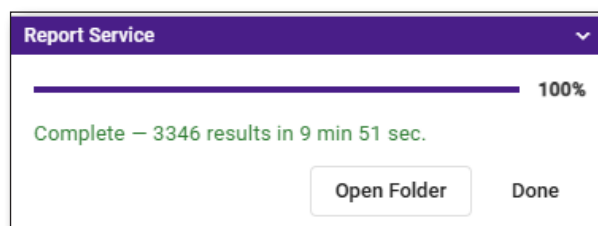
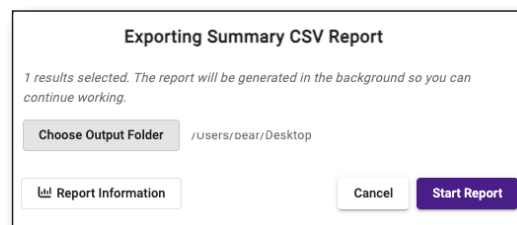
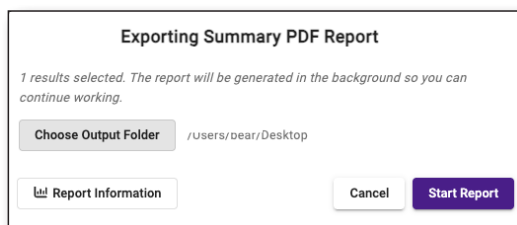
- ▣ Detailed Report by test type PDF
- ▣ Detailed Report by label PDF
- ▣ Detailed Report CSV
- ▣ Summary Report PDF
- ▣ Summary Report CSV
- ▣ Tier1 MPO Summary Report CSV

For detailed reports, the first page includes a summary of all the reports, and then individual detailed reports for each test, including work order, tech ID, device information, images, and pass/fail detail.

Reports will reflect the sorts and filters that are applied.

1. Select the results you want to include in the Test results panel.
2. From the **Reports** menu, select the type of report (**Detailed Report by test type PDF**, **Detailed Report by label PDF**, **Detailed Report CSV**, **Summary Report PDF**, **Summary Report CSV**, and **Tier1 MPO Summary Report CSV**). The Export options popup is displayed
3. Select **Choose Output Folder** and pick a destination. (Optional: **Report Information** adds title, company, logo, and contact details to the header.)
4. Select **Start Report**. The report generates in the background; a Report Service panel shows progress and, when finished, "Complete — [N] results in [time]."
5. Select **Open Folder** to see the report.

Note: Summary reports are generated in landscape orientation.





Company:

Company

Email:

operator@company.com

Phone:

+1 888-555-1212

City:

city

State/Province:

state

Title



07/01/2026 12:22:00 PM

loss profile

Timestamp	Site	Label	Status	Tech Id	Device	Wavelength	Direction	Filename
2026-06-30 16-25-15	--	FRA-OSP-00233_0096 13	NONE	--		1625		loss profile Cable1_F1_1625_OE-Cable1_F1_1625_OE

Cable ID	Fiber No	Acquisition Time	Pulse (ns)	Range (km)	Total loss (OTDR) (dB)	Link ORL (dB)	Splice Max Loss (dB)	Connector Max Loss (dB)
FRA-OSP-00233_0096					6.73	75.82		27.77

Reflectance Max Refl. (dB)	Number of Events	Launch Cable	Receive Cable	Length
-57.23	29			0.03

Loss profile report, landscape orientation

Summary page

Timestamp: 2/20/2024, 3:29:15 PM



Report Name

Title

Name

Project

Company Name

Company

e-mail

operator@company.com

phone

888-555-1212

Address

Report Statistics

Test description	Total	Pass	Fail	None	Other
Fiber Inspection	2	1	1	0	0
Totals	2	1	1	0	0

Fiber Inspection

Label: Cable-001

Timestamp: 2/20/2024, 3:14:09 PM

WorkOrder

123-456-789

Is Ad-hoc Job

true

Technician

ib001

Test Label Base Name

Cable

Template

job template

Test Label Start Number

1

Project

simplex

Device Information

Model: INX-760

Serial No: J1023-1000-0302

SW Version:

1.0.2RC10

Measurement Configuration:

Analysis Profile

SM UPC (IEC-61300-3-35 Ed. 2.0)

Optical Setting

FPT-SC

Measured results:

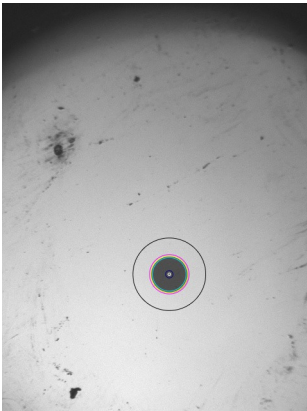
Test Description:

Zone	Passes All	Defects	Scratches
Zone A	 true	 true	 true
Zone B	 true	 true	 true
Zone C	 true	 true	 true
Zone D	 true	 true	 true

Fiber And Overlays Image

High Magnification

Low Magnification



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VIAXI

Fiber inspection report – Simplex

Summary page

Timestamp: 2/20/2024, 3:31:05 PM



Report Name

Title

Name

Project

Company Name

Company

e-mail

operator@company.com

phone

888-555-1212

Address

Report Statistics

Test description	Total	Pass	Fail	None	Other
Fiber Inspection	7	1	6	0	0
Totals	7	1	6	0	0

Fiber Inspection

Label: Cable-005

Timestamp: 2/20/2024, 3:23:29 PM

FAIL

WorkOrder

123-456-789

Is Ad-hoc Job

true

Technician

ib001

Test Label Base Name

Cable

Template

job template

Test Label Start Number

1

Project

mpo

Device Information

Model: INX-760

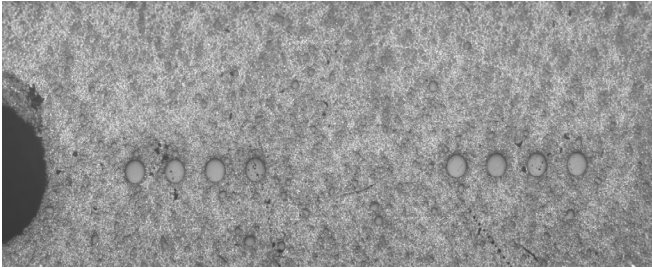
Serial No: J1023-1000-0302

SW Version: 1.0.2RC10

Measurement Configuration:

Measured results:

Test Description:



1

2

3

4

5

6

Zone A

Defects

Pass

Fail

Pass

Fail

Scratches

Pass

Pass

Pass

Fail

Zone B

Defects

Pass

Fail

Pass

Pass

Scratches

Pass

Pass

Pass

Pass

7

8

9

10

11

12

Zone A

Defects

Fail

Pass

Fail

Pass

Scratches

Fail

Pass

Pass

Pass

Pass

Zone B

Defects

Fail

Pass

Fail

Pass

Scratches

Pass

Pass

Pass

Pass

Pass

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Fiber inspection report – MPO

Aug 2026

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22185899

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Fiber Inspection

Label: Cable-006

Timestamp: 2/20/2024, 3:25:42 PM

WorkOrder123-456-789

Technicianib001

Templatejob template

Projectmpo

Is Ad-hoc Jobtrue

Test Label Base NameCable

Test Label Start Number1

Device Information

Model: INX-760

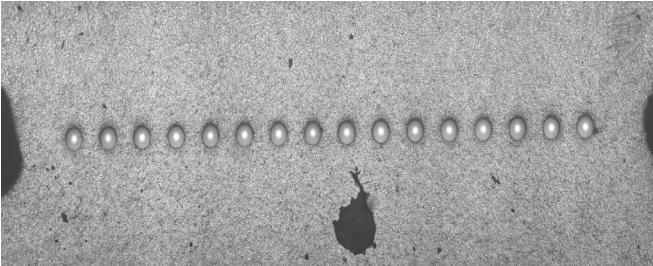
Serial No: J1023-1000-0302

SW Version: 1.0.2RC10

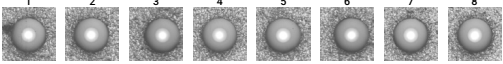
Measurement Configuration:

Measured results:

Test Description:



12345678

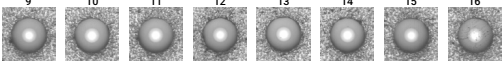


Zone A

Defects

Scratches

910111213141516



Zone A

Defects

Scratches

Zone B

Defects

Scratches

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Fiber inspection report – MPO (continued)

Utilities

This chapter covers the Utilities features of ReportPRO, including the following:

- "Using the Label List Utility" on page 88
- "Using the INX Profile Manager" on page 94
- "Using the License Manager" on page 97

Using the Label List Utility

You can add labels to your test locations using the Label List Utility. This allows you to customize location naming conventions, including building number, rack, fiber, etc.

From the **Utilities** menu, select **Label List Utility**. The Label List Utility screen is displayed.

Label List Utility

Label List Utility
INX Profile Manager
License Manager

Import Export

Label List Utility

Label Count: 0

Import

Export

Add Label

Delete

Generate Labels

Auto-generate labels

Label Start*

×

Label End*

×

☐ Replace all existing labels

☐ Export only selected labels

☐

Label

No Rows To Show

Close

Label List Utility

Importing labels

You can import test location labels to all your test plans or per test location (if test locations are different for each test step) from a CSV file.

1. In the **Label List Utility**, select **Import**. A screen appears to choose the CSV file you want to import. Once imported, the labels will be added to the label list.
2. Labels can be added to a job or template, see *"Adding test locations to jobs" on page 114*.
 - If you already have labels added, uncheck **Replace all existing labels** to add to the existing list.
 - To move labels, click and drag up or down.
 - To rename a label, select it and rename it.

	A	B
1	Label	
2	Fiber Id 0	
3	Fiber Id 1	
4	Fiber Id 2	
5	Fiber Id 3	
6	Fiber Id 4	
7	Fiber Id 5	
8	Fiber Id 6	
9	Fiber Id 7	
10	Fiber Id 8	
11	Fiber Id 9	
12	Fiber Id 10	
13	Fiber Id 11	
14		

Sample CSV file – Importing test location labels

Exporting labels

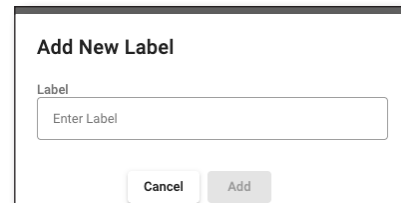
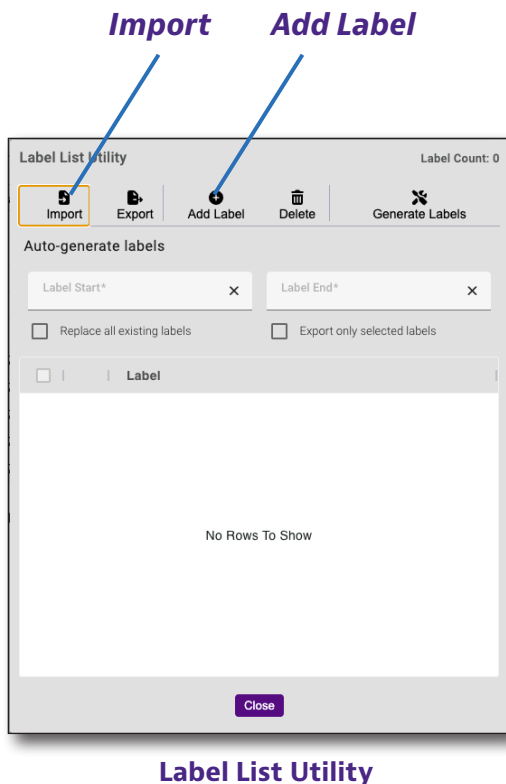
You can export test location labels to a CSV file to archive or share with someone else.

You can also use this to export and customize your own template to import later.

1. In the **Label List Utility**, select **Export**.
2. Name the file, select where to save it, and then **Save**. The labels will be saved as a CSV file.

Adding labels

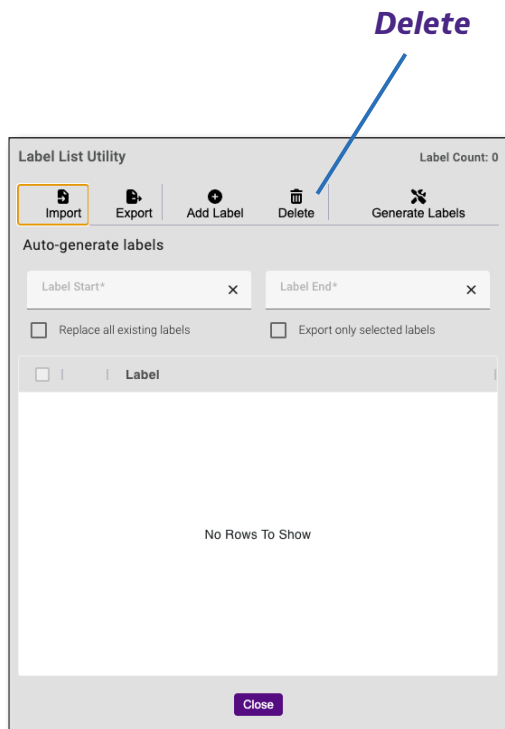
1. In the **Label List Utility**, select **Add Label**. The Add New Label screen is displayed.
2. Enter the name for the label and select **Add**. The label will be added to the list.
 - To move labels, click and drag up or down.
 - To rename a label, select it and rename it.



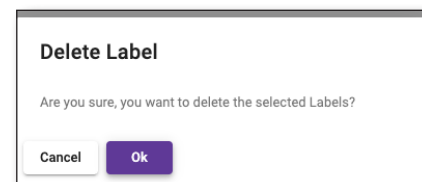
Adding labels

Deleting labels

1. In the **Label List Utility**, select the checkbox next to the label(s) you want to delete.
2. Select **Delete Label**. A confirmation pop-up is displayed, select **OK**. The label(s) will be removed.



Label List Utility



Deleting labels

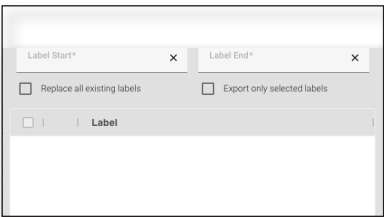
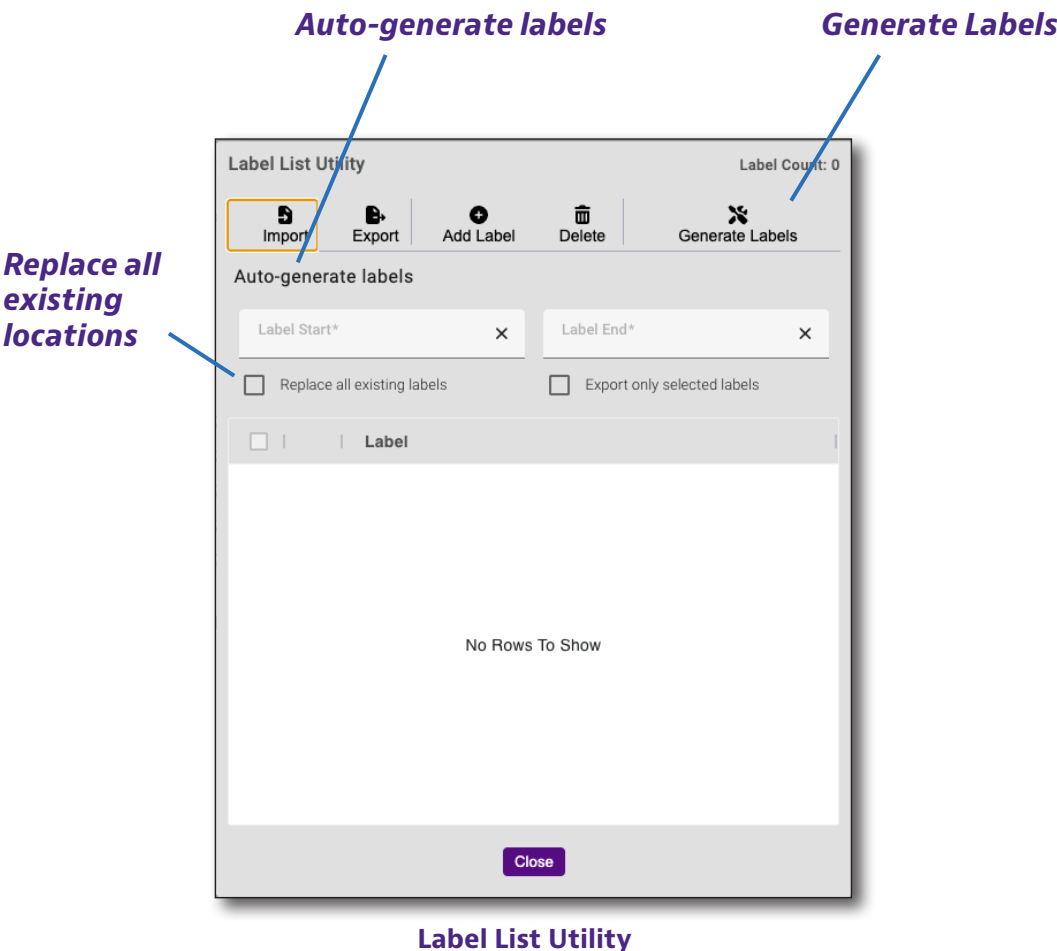
Auto-generating labels

You can also auto-generate test location labels.

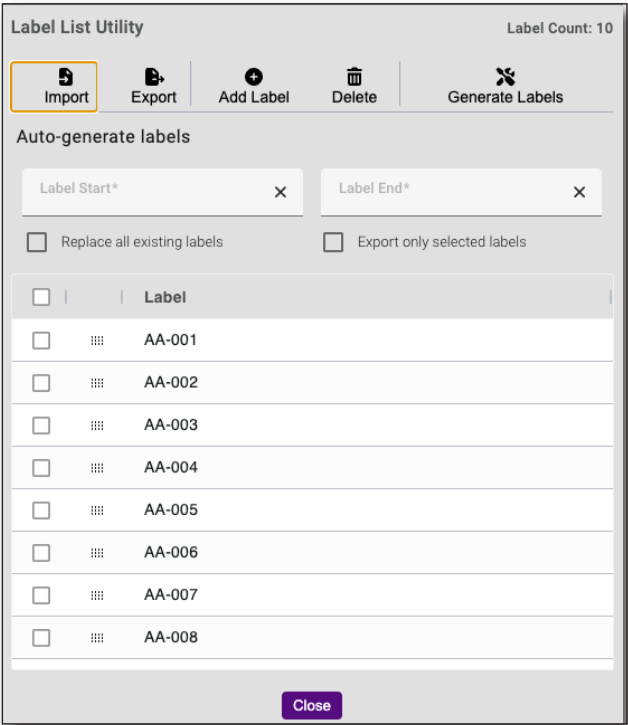
In the **Label List Utility**, enter the details for the start/end numbering and select **Generate Labels** to create the labels. The labels will be added to the list.

See the label criteria below.

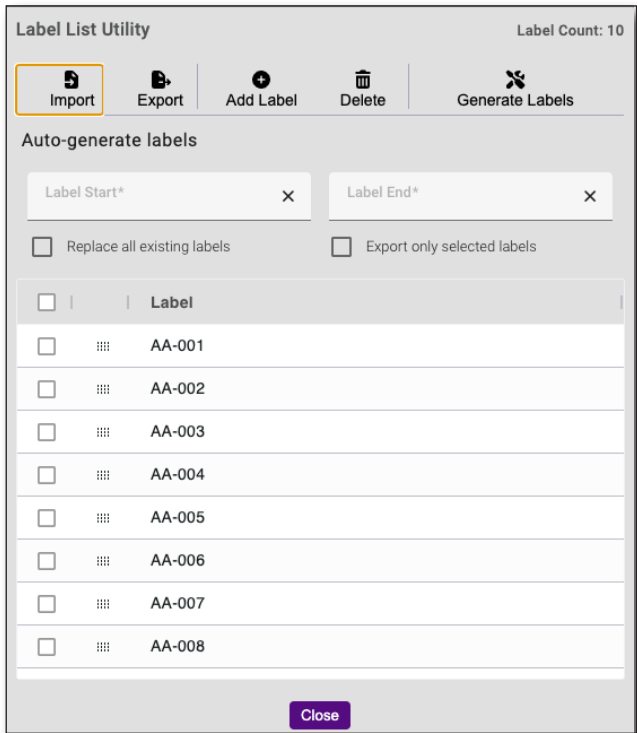
- If you already have labels added, uncheck **Replace all existing test locations** to add to the existing list.



Label criteria



Auto-generating labels, using AA-01 to AA-010



Labels added to the list

Using the INX Profile Manager

The INX Profile Manager lets you manage the fiber-inspection profiles (IEC-61300-3-35) on your INX probe microscopes from ReportPRO.

Profiles are created in FiberChekULTRA; ReportPRO then lets you copy them onto your connected INX microscopes, or from one INX to another, and remove profiles you no longer need.

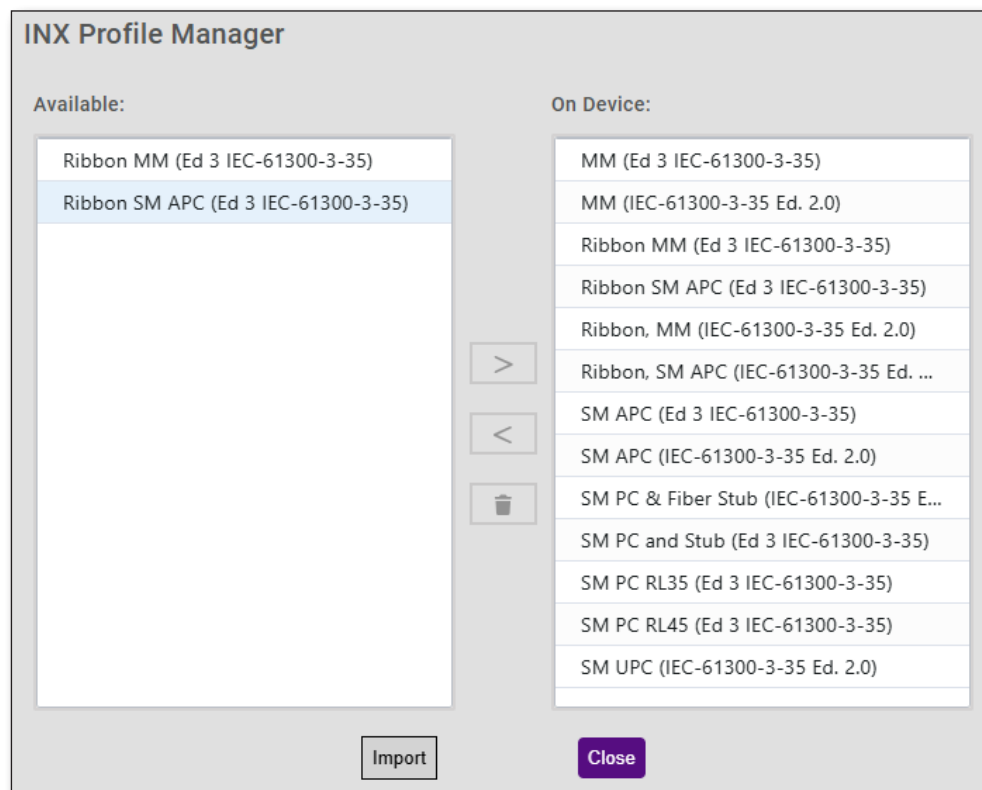
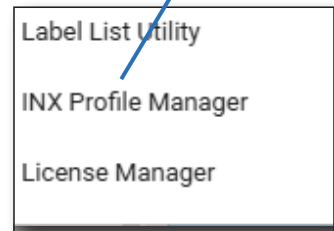
From the **Utilities** menu, select **INX Profile Manager**. The INX Profile Manager screen is displayed.

The **Available** list (left) shows the profiles you can load from ReportPRO; the **On Device** list (right) shows the profiles currently on the connected INX.

- To load a profile onto the device, select it under **Available** and click the right-arrow (> **Copy to device**).
- To copy a profile to ReportPRO, select it under **On Device** and click the left-arrow (< **Copy to local**).
- To delete a profile, select it in either list and click the trash icon.
- To add more profiles, select **Import** and add the profile(s) you need.

When finished, select **Close**.

INX Profile Manager



INX Profile Manager

**NOTE:**

Inspection profiles are created in FiberChekULTRA, VIAVI's PC software for fiber-inspection microscopes. For details on creating profiles in FiberChekULTRA, see the user guide for your fiber-inspection instrument.

Copying a profile from one INX to other INX microscopes (Method A)

Use this method to replicate a custom profile that already exists on one INX across your other INX microscopes.

1. Create a custom profile using FiberChekULTRA and upload it to the first INX.
2. Open ReportPRO and connect the INX.
3. From the **Utilities** menu, select **INX Profile Manager**.
4. In the **On Device** list, select the custom profile, then click **Copy to local**. The profile is added to the **Available** list in ReportPRO.
5. Connect the next INX microscope.
6. In the **Available** list, select the custom profile, then click **Copy to device**.
7. Repeat steps 5–6 for any additional INX microscopes.

Importing a profile from FiberChekULTRA (Method B)

Use this method to copy a profile directly from FiberChekULTRA onto your INX microscopes. FiberChekULTRA and ReportPRO must be installed on the same PC.

1. Create a custom profile using FiberChekULTRA and save it to the FiberChekULTRA profiles folder (users > public > FiberChekULTRA > profiles).
2. Open ReportPRO and connect the INX.
3. From the **Utilities** menu, select **INX Profile Manager**.
4. Click **Import**, navigate to the FiberChekULTRA profiles folder, and open the custom profile. The profile is added to the **Available** list in ReportPRO.
5. In the **Available** list, select the custom profile, then click **Copy to device**.
6. Repeat steps 2–5 for any additional INX microscopes.

Removing a profile from an INX

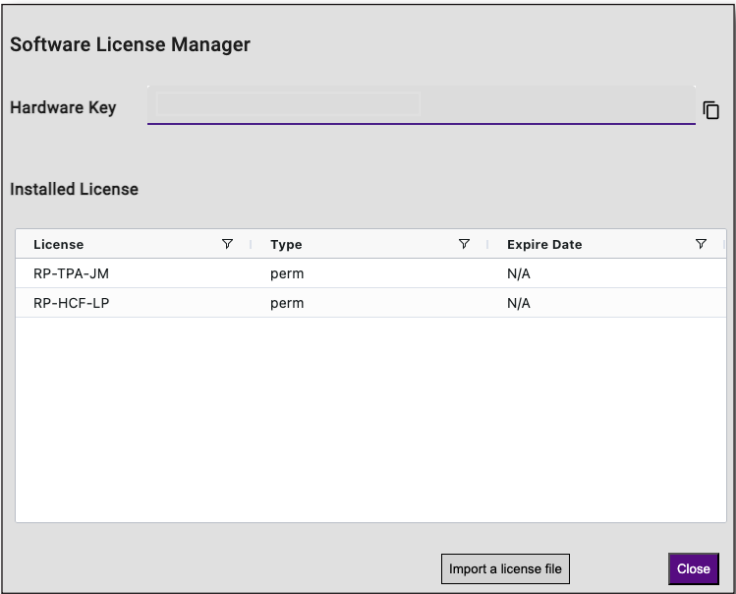
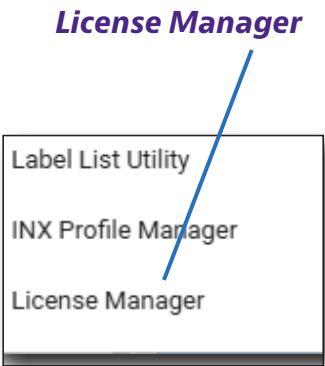
1. Open ReportPRO and connect the INX.
2. From the **Utilities** menu, select **INX Profile Manager**.
3. In the **On Device** list, select the profile(s) you want to remove, then click the trash icon.

Using the License Manager

ReportPRO allows you to manage your software licenses.
Job Manager and Job Templates require the **RP-TPA-JM** license.
Hollow Core Fiber features required the **RP-HCF-LP** license.
Each license is per-PC. Contact **TAC@viavisolutions.com**.

From the **Utilities** menu, select **License Manager**. The License Manager screen is displayed.

- When you buy a license, you'll need to supply the hardware key for your machine. Select the **Copy** button to the right of the Hardware Key section. The key will be copied to your clipboard. Send this key to VIAVI for the license.
- To import a license, select **Import a license file**. A screen appears to choose the file you want to import. Once imported, the license will be added to the list, including type and date.



License Manager

Settings

This chapter covers the Settings features of ReportPRO, including the following:

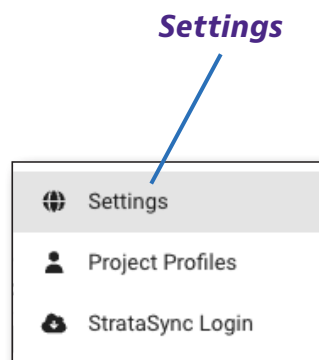
- "Customizing global settings" on page 100
- "Managing project profiles" on page 101
- "Logging into StrataSync" on page 103

Customizing global settings

With global settings, you can set the language, distance units, optical power units, display theme, and automatic updates for the application.

These settings apply to all projects and children. You can change these at any time.

1. From the **Settings** menu, select **Settings**. The Global Settings screen is displayed.
2. Select the language from the dropdown. A restart of the application is required to adjust, and a pop-up appears to confirm.
3. Change the default distance units, and default optical power units as necessary.
4. Select a theme – dark or light.
5. Set Automatic updates on or off (turn off to stay on your current version).
6. When finished, select **Save**.

A screenshot of the "Global Settings" screen. The title "Global Settings" is at the top. Below it are four dropdown menus: "Language" (set to "English"), "Default distance units" (set to "Kilometers"), "Default Optical power units" (set to "dBm"), and "Theme" (set to "Dark"). Below these is a toggle switch for "Automatic updates" which is currently turned off. At the bottom right are two buttons: "Cancel" and "Save".

Global Settings

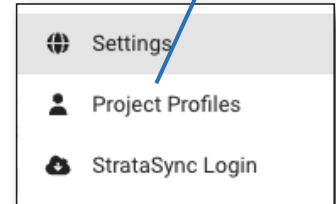
Managing project profiles

In **Project Profiles**, you can customize the initial project profiles or create your own.

Project profiles allow you to set the project level hierarchy to match the workflow at your organization.

Project Profiles

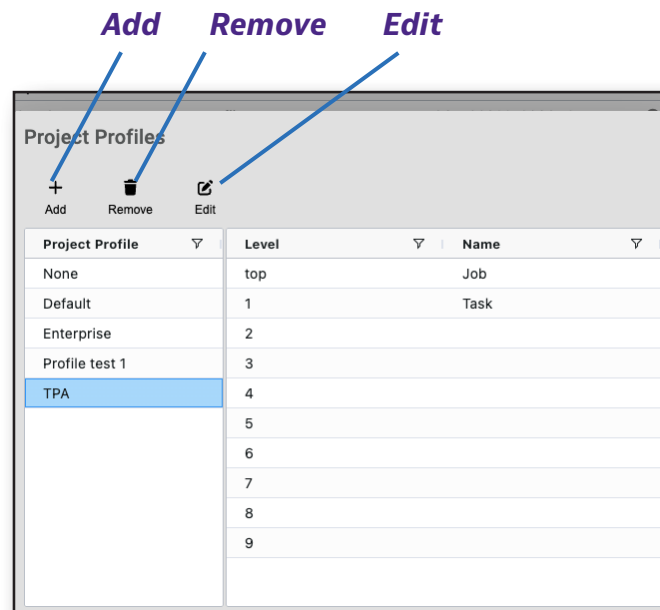
1. From the **Settings** menu, select **Project Profiles**. The Project Profiles screen is displayed.
2. Select the profile you want to customize (**TPA**, **Default**, or **Enterprise**).



The existing name and project levels are shown. The max level is 9. For example, the Default profile includes levels 1-9.

- To add a profile, select **Add**
 - To rename a profile, select **Edit** and rename it.
 - To delete a profile, select **Remove**.
 - To rename a label, select the label and rename it.
3. When finished, select **Save**.

You can now apply the profile to your project, see *"Customizing project settings" on page 31*.



TPA profile – Job, task

Project Profiles

+

Remove

Edit

Project Profile	Level	Name
None	top	Project
Default	1	Level 1
Enterprise	2	Level 2
Profile test 1	3	Level 3
TPA	4	Level 4
	5	Level 5
	6	Level 6
	7	Level 7
	8	Level 8
	9	Level 9

Cancel

Save

Default profile – Levels 1-9

Project Profiles

+

Remove

Edit

Project Profile	Level	Name
None	top	Project
Default	1	Site
Enterprise	2	Building
Profile test 1	3	Floor
TPA	4	Room
	5	Rack
	6	Panel
	7	
	8	
	9	

Cancel

Save

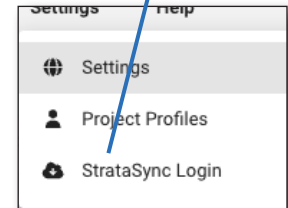
Enterprise profile – Site, Building, Floor, Room, etc.

Logging into StrataSync

You can also log into StrataSync from the Settings menu.

1. From the **Settings** menu, select **StrataSync Login**. The StrataSync settings screen is displayed.
2. Select the StrataSync server (**US** or **Europe**), then select **Login in**. The StrataSync login screen is displayed.
3. Log into StrataSync and select **Sign In**.
4. When finished, select **Save**.

StrataSync Login



StrataSync server

A screenshot of a 'StrataSync' settings dialog box. It has a title bar with 'StrataSync'. Inside, there is a dropdown menu labeled 'StrataSync server' with 'United States' selected. Below the dropdown is a 'Log in' button. At the bottom right are 'Cancel' and 'Save' buttons. A blue arrow points from the 'StrataSync server' text above to the dropdown menu.

StrataSync settings

A screenshot of a 'StrataSync' login screen. It has a title bar with the 'VIANT' logo and a 'Sign In' button. Below the title bar, there are two input fields: 'Username' with an envelope icon and 'Password' with a lock icon. Below these fields is a large purple 'Sign In' button. At the bottom, there is a link that says 'Forgot your password?'.

StrataSync log in

Help

This chapter covers the Help features of ReportPRO, including the following:

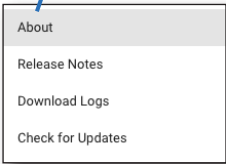
- ["About" on page 106](#)
- ["Release notes" on page 106](#)
- ["Download logs" on page 107](#)

About

From the **Help** menu, select **About** to show the ReportPRO version.

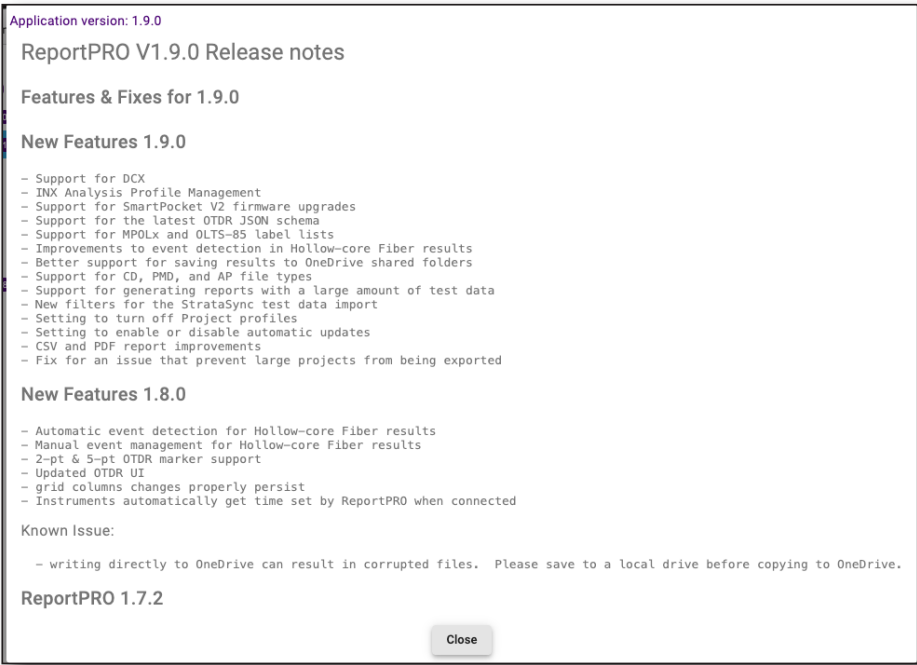


About



Release notes

From the **Help** menu, select **Release Notes** to show the current release notes.



Download logs

From the **Help** menu, select **Download Logs** to show the logs to share for diagnostics and troubleshooting.

Job Manager

This chapter covers the Job Manager features of ReportPRO, including the following:

- "Job Manager" on page 110
- "Creating jobs from a template" on page 111
- "Importing jobs" on page 115
- "Exporting jobs" on page 115
- "Renaming jobs" on page 116
- "Deleting jobs" on page 117
- "Sending jobs to your device" on page 118

Job Manager

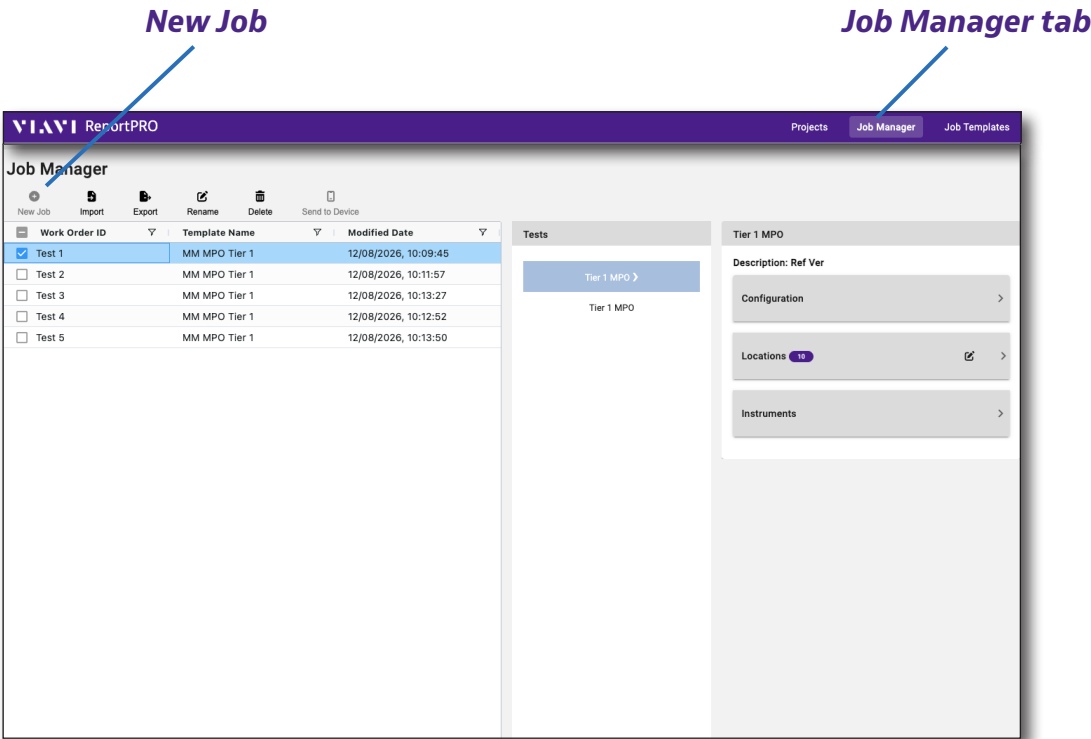
The ReportPRO Job Manager works in tandem with the StrataSync TPA Job Manager to use templates created in StrataSync to create jobs in ReportPRO and then deploy to your instruments.

Job Manager and Job Templates require the **RP-TPA-JM license**, and is per-PC. Contact TAC@viavisolutions.com.

For details on creating and exporting job templates, see the *Cloud Services User Guide, TPA chapter*. For a sample template file, contact us at TAC@viavisolutions.com.

Before you get started creating jobs, you'll need to import a job template. See "*Job Templates*" on page 120.

To bring up the Job Manager dashboard, select the **Job Manager** tab at the top.

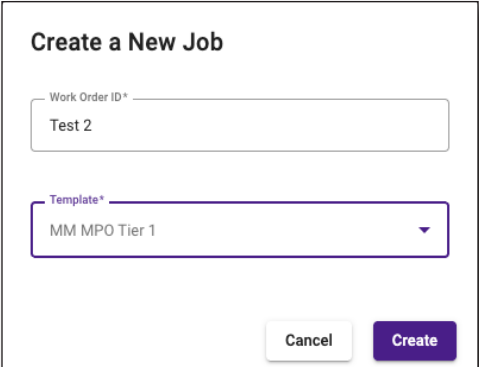


Job Manager – Adding jobs

Creating jobs from a template

Creating jobs in ReportPRO requires a job template and unique Work Order ID.

1. Select **New Job**. The New Job screen appears.
2. Enter a unique Work Order ID.
3. From the **Template** dropdown, choose the template you want to use. This is required. For details, see *"Job Templates" on page 120*.
4. When done, select **Create**. The job will be created and added to the list.



Create a New Job

Work Order ID*
Test 2

Template*
MM MPO Tier 1

Cancel Create

Creating jobs

Once a job has been created, the Work Order ID, template name, and modified date are shown. Also included are columns for the tests, and details for each test, including configuration, test locations, and instruments used.

You can select each test to toggle the details for that test.

Job Manager

New Job

Import

Export

Rename

Delete

Send to Device

Work Order ID	Template Name	Modified Date
☒ Test 1	MM MPO Tier 1	12/08/2026, 10:09:45
☐ Test 2	MM MPO Tier 1	12/08/2026, 10:11:57
☐ Test 3	MM MPO Tier 1	12/08/2026, 10:13:27
☐ Test 4	MM MPO Tier 1	12/08/2026, 10:12:52
☐ Test 5	MM MPO Tier 1	12/08/2026, 10:13:50

Tests

Tier 1 MPO

Tier 1 MPO

Tier 1 MPO

Description: Ref Ver

Configuration

Locations 10

Instruments

Job detail

Tests

Test details

Job Manager – Job detail

Tier 1 MPO

Description: Ref Ver

Configuration ▾

Configuration

Length Limit (max) : 100

Test Cord Length :

Length Unit : m

Reference Method : 1-cord

Test Standard : link-validation

Expected Polarity : A

Cable Settings

Fiber Type : mm

Test Details – Configuration

Locations 10 ▾

AB001

AB002

AB003

AB004

AB005

AB006

AB007

Test Details – Locations

Instruments ▾

SmartClass Fiber MPOLP-85 (2329/01)

SmartClass Fiber MPOLP-85P (2330/01)

Test Details – Instruments

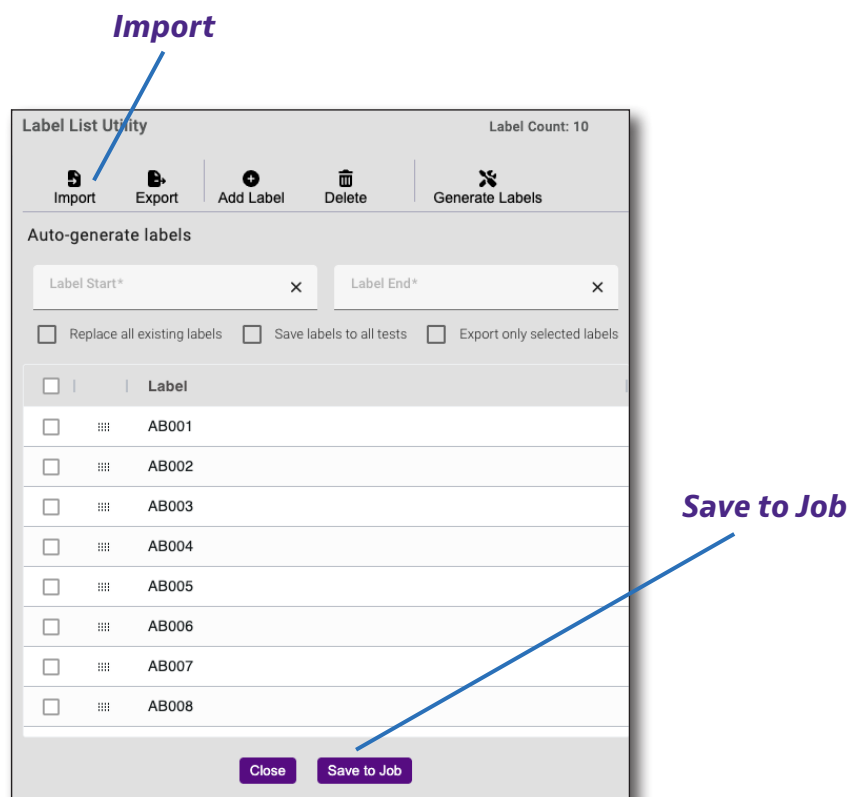
Adding test locations to jobs

You can add test locations to a template or from within StrataSync, but if you need to add additional locations to the job itself, you can do that in the Job Manager.

1. From the Job Manager, select the job and test you would like to add location labels.
2. In the Test Details panel, select **Edit Locations**. The Label List Utility appears.
3. In the Label List Utility, you can import/export a CSV file of labels, edit them, add individual ones, or auto generate them. For details, see *"Using the Label List Utility" on page 88*.
 - To replace existing labels in the list, select **Replace all existing labels**.
 - To add labels to all tests of the job, select **Save labels to all tests**.
4. When done, select **Save to Job** to add them to the job. The labels will appear in the Locations section of the Test Details panel.



Test Details –Locations



Label List Utility – Saving location labels to job

Importing jobs

You can import jobs from a JSON file.

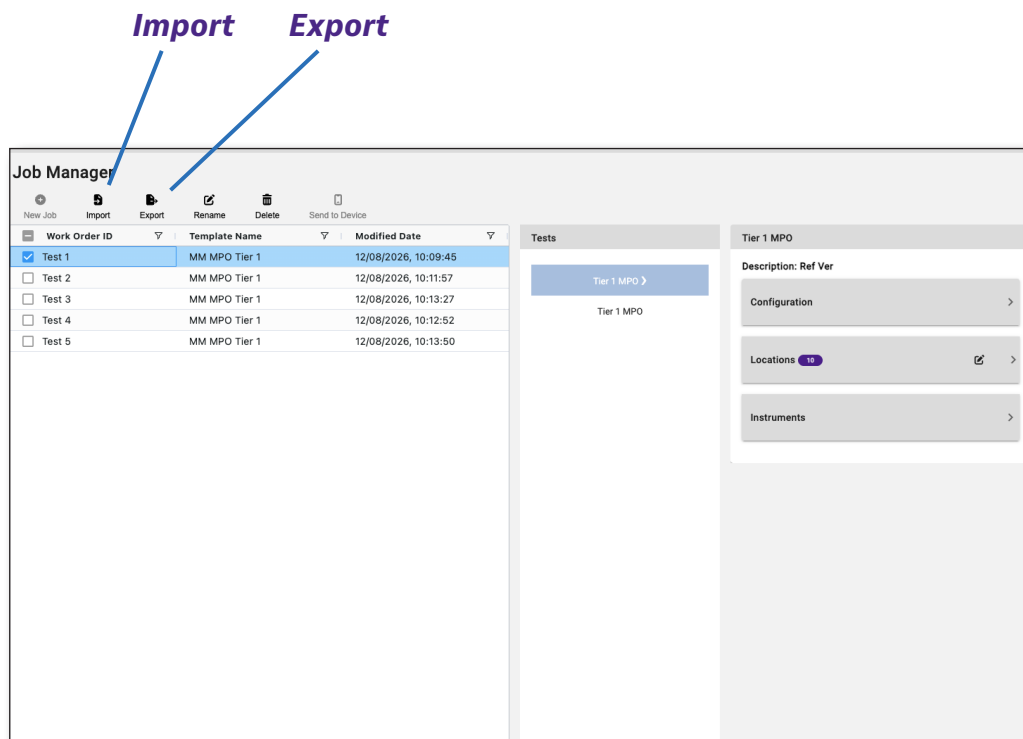
Select **Import**. A screens appears to choose the file you want to import. Once imported, the job(s) will be added to the jobs list.

Exporting jobs

You can export jobs to a file to archive or share with someone else.

You can also use this to export and customize your own job to import later.

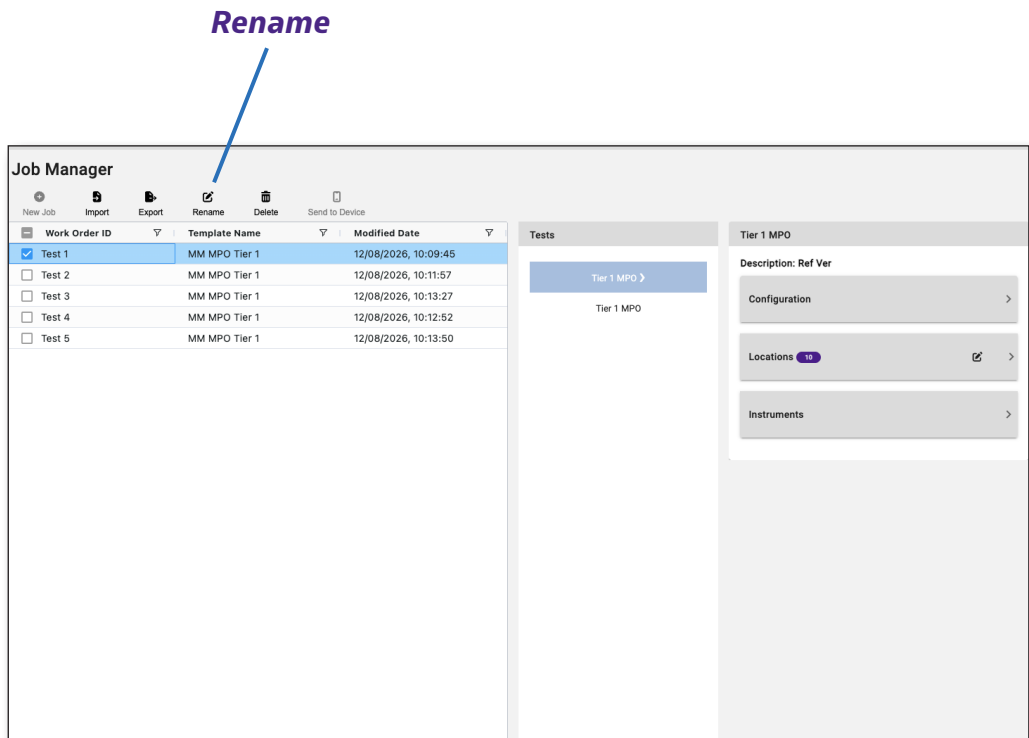
1. Select **Export**.
2. Name the file, select where to save it, and then **Save**. The job(s) will be saved as a JSON file.



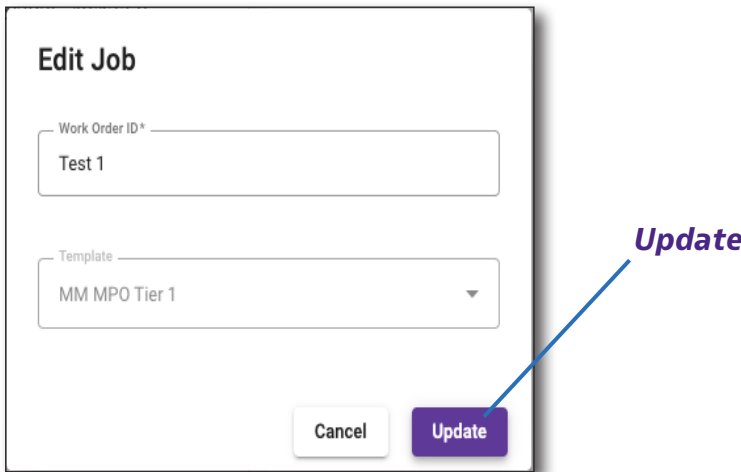
Job Manager – Importing and exporting jobs

Renaming jobs

- 1. Select the job you want to rename in the jobs list.
- 2. Select **Rename**. A pop-up appears to rename it.
- 3. Rename the Work Order ID, and select **Update**. The job will be renamed in your list.



Job Manager – Renaming jobs



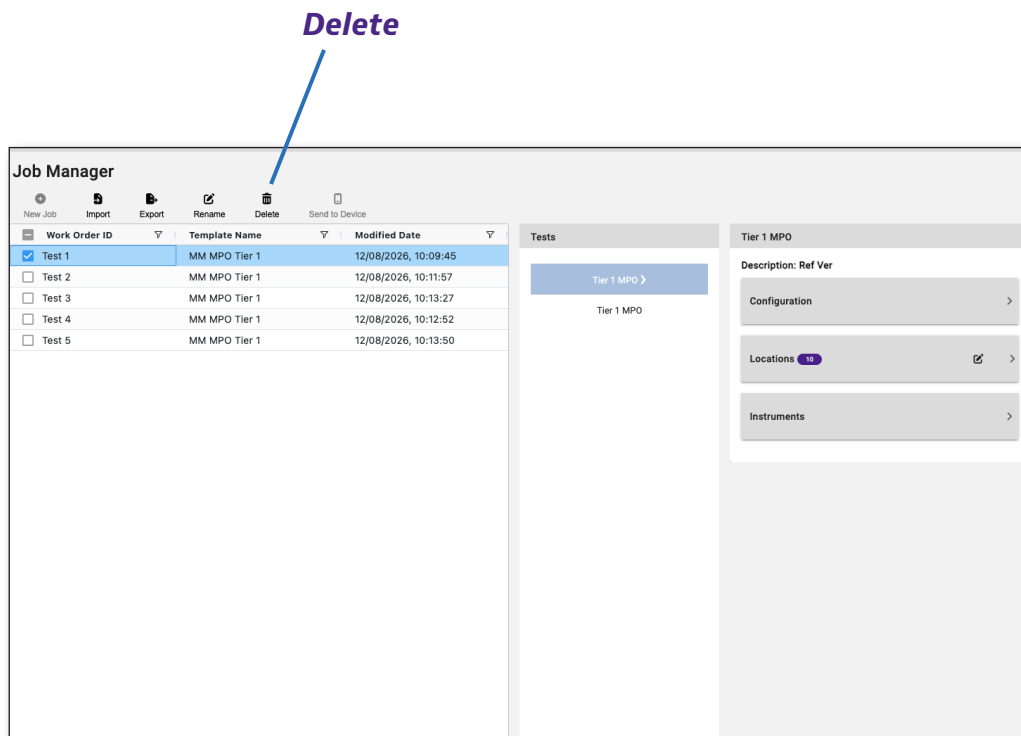
Renaming a job

Deleting jobs

You can delete jobs from your jobs list.

Important: This will completely remove the job and all test results associated to it.

1. Select the job you want to delete in the jobs list.
2. Select **Delete**.
3. A popup will ask you to confirm. Select **OK**. The job will be removed from the jobs list.

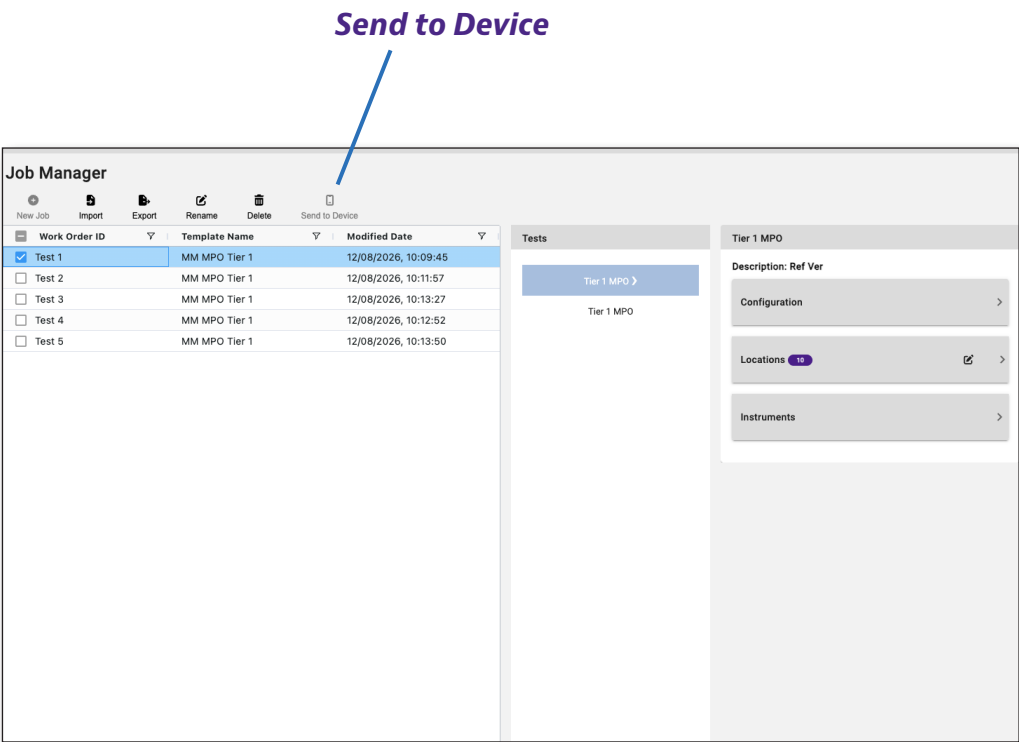


Job Manager – Deleting jobs

Sending jobs to your device

You can send jobs to your instrument when connected via USB.

- 1. Connect your device to your computer via USB.
- 2. Select **Send to Device**. The jobs in the list will be sent to your instrument.



Job Manager – Sending jobs to your device

Job Templates

This chapter covers the Job Templates features of ReportPRO, including the following:

- "Job Templates" on page 120
- "Importing job templates" on page 121
- "Creating jobs from a template" on page 121
- "Exporting templates" on page 122
- "Renaming templates" on page 123
- "Deleting templates" on page 124

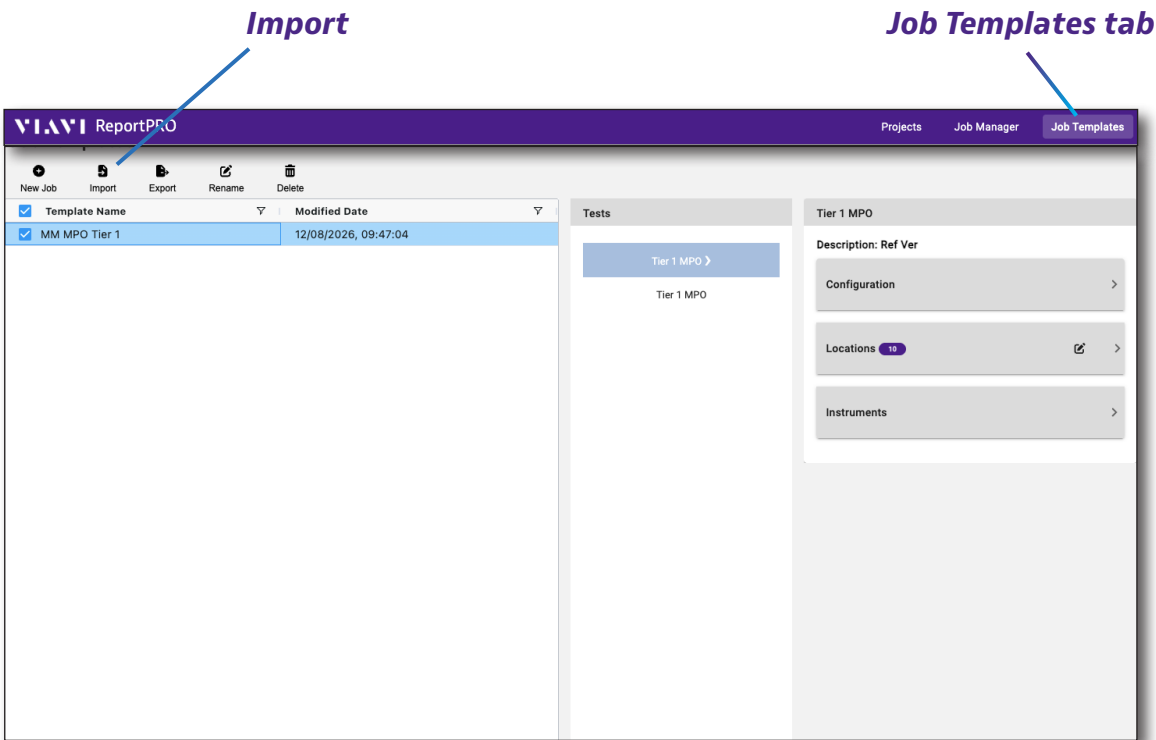
Job Templates

The ReportPRO Job Templates work in tandem with the StrataSync TPA Job Manager to use templates created in StrataSync to create jobs in ReportPRO and then deploy to your instruments.

Job Manager and Job Templates require the **RP-TPA-JM license**, and is per-PC. Contact TAC@viavisolutions.com.

For details on creating and exporting job templates, see the *Cloud Services User Guide, TPA chapter*. For a sample template file, contact us at TAC@viavisolutions.com.

To bring up Job Templates dashboard, select the **Job Templates** tab at the top.



Job Templates – Importing templates

Importing job templates

Before you can create jobs, you need to import a job template.

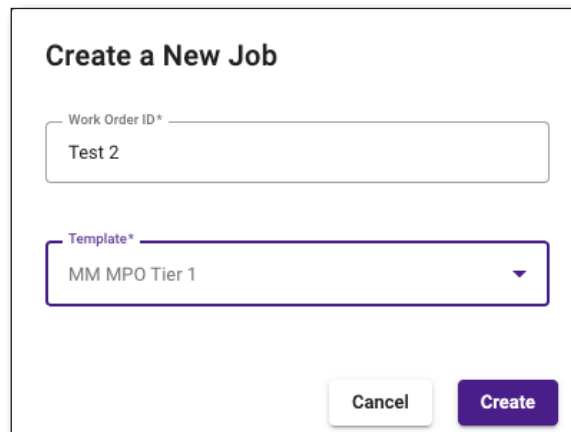
From the Job Templates screen, select **Import**. A screens appears to choose the file you want to import. Once imported, the template(s) will be added to the list.

Creating jobs from a template

Creating jobs in ReportPRO requires a job template and unique Work Order ID.

1. Select **New Job**. The New Job screen appears. (You can do this from the Job Manager or Job Templates tabs).
2. Enter a unique Work Order ID.
3. From the **Template** dropdown, choose the template you want to use.
4. When done, select **Create**. The job will be created and added to the jobs list.

For additonal details, including adding test locations to your jobs, see *"Creating jobs from a template" on page 111* in the Job Manager chapter.



Create a New Job

Work Order ID*
Test 2

Template*
MM MPO Tier 1

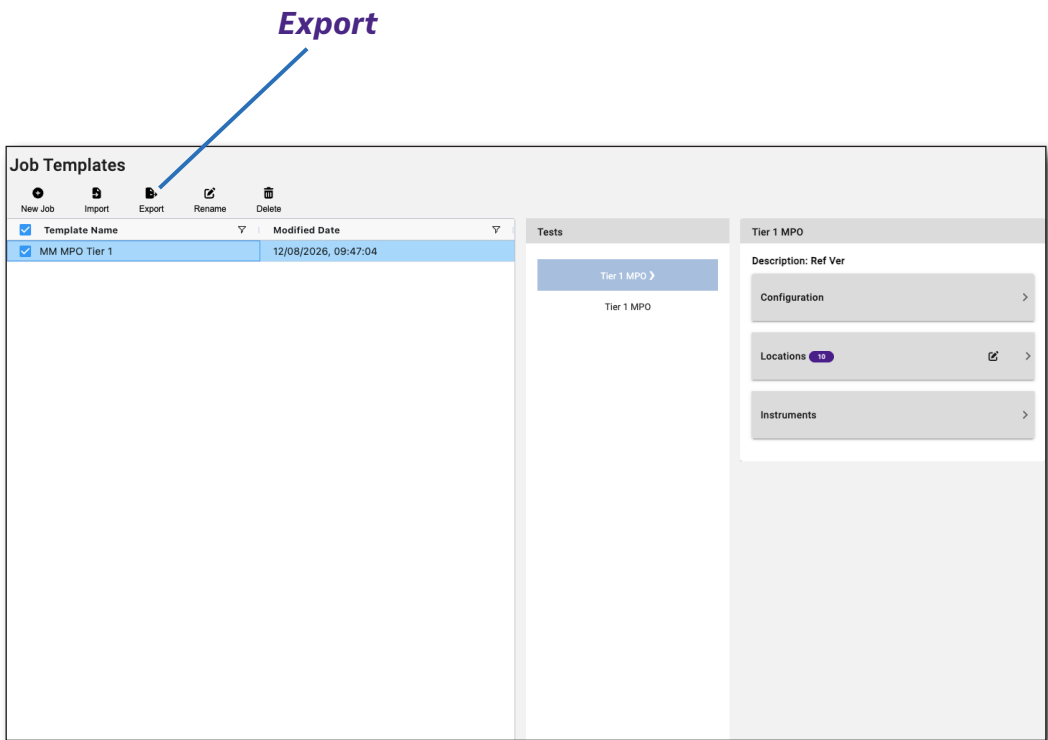
Cancel Create

Creating jobs

Exporting templates

You can export templates to a file to archive or share with someone else.

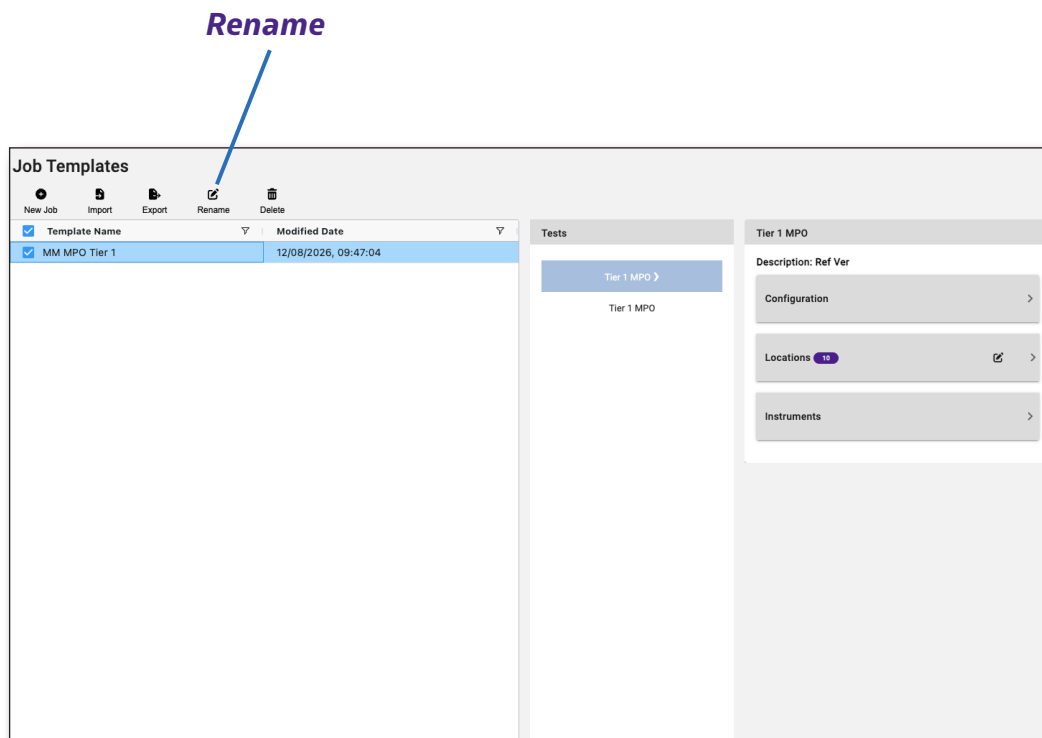
- 1. Select **Export**.
- 2. Name the file, select where to save it, and then **Save**. The template(s) will be saved as a JSON file.



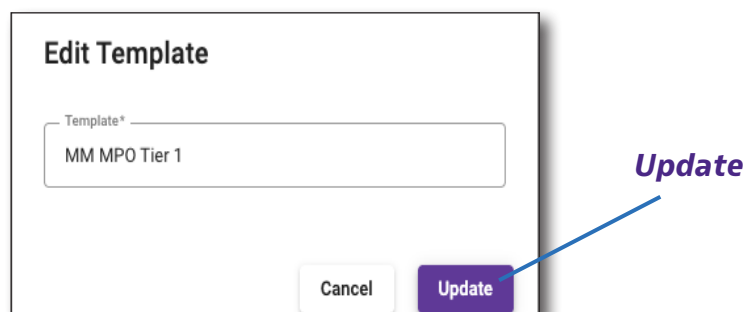
Job Templates – Exporting templates

Renaming templates

1. Select the template you want to rename in the templates list.
2. Select **Rename**. A pop-up appears to rename it.
3. Rename the template, and select **Update**. The template will be renamed in your list.



Job Templates – Renaming templates



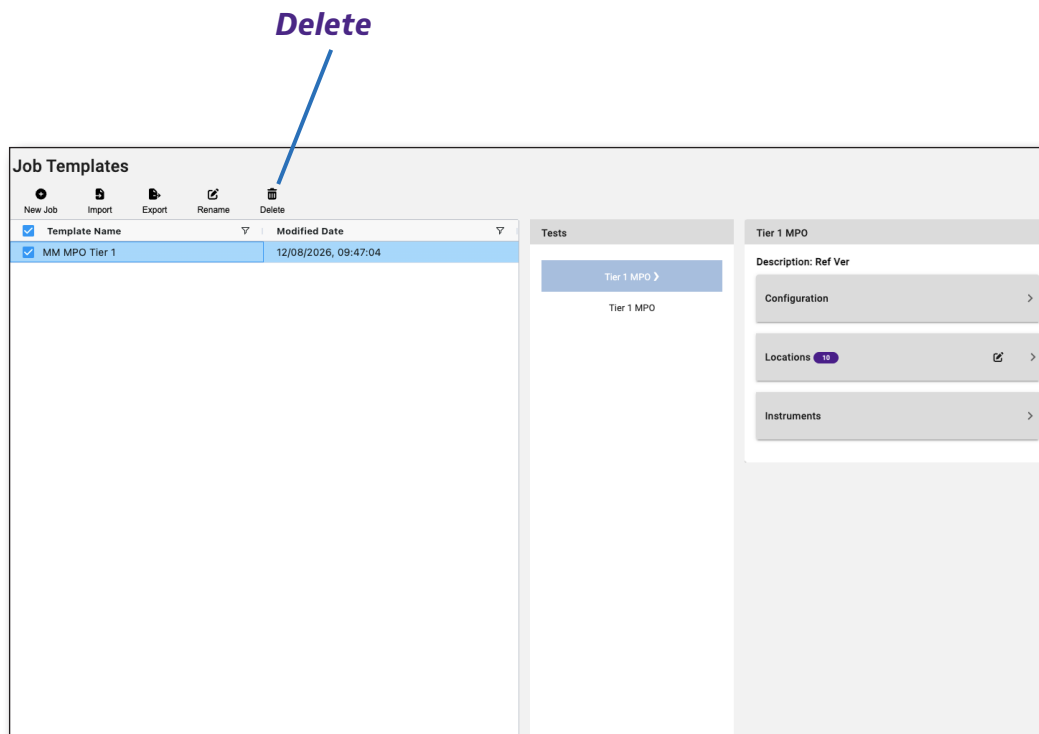
Renaming a template

Deleting templates

You can delete templates from your list.

Important: This will completely remove the template.

1. Select the template you want to delete in the list.
2. Select **Delete**.
3. A popup will ask you to confirm. Select **OK**. The template will be removed from the list.



Job Templates – Deleting templates



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VIAVI Solutions

North America

1.844.GO VIAVI / 1.844.468.4284

Latin America

+52 55 5543 6644

EMEA

+49 7121 862273

APAC

+1 512 201 6534

All Other Regions

viavisolutions.com/contacts

email

TAC@viavisolutions.com