EXFO EXCHANGE — Results Management

Centralized, streamlined test result collection for greater visibility and efficiency

What is results management?

Results management in EXFO Exchange refers to the automatic centralization of field test results into one cloud-based platform. It replaces manual collection methods—such as USB drives or emailed files—by automatically synchronizing data from connected test units in real time. This is the first step toward a fully connected and automated fiber testing environment.

Key benefits

- Centralize all your test results in one place—no more looking for USB keys or emails.
- Automated synchronization from anywhere—results are pushed to the cloud immediately after test execution.
- Search and export any test result with ease—by user, device, verdict, job name, or according to labels.
- Simplify closeout package generation—avoid manual cleanup or renaming by using structured jobs.

Why it matters?

Without EXFO Exchange, technicians must manually send in results—a slow and error-prone process. With EXFO Exchange, the following are possible:

- Test units sync automatically to the cloud platform.
- Results are instantly available under the "Results" tab.
- Filters and searches make it easy to find what you need.
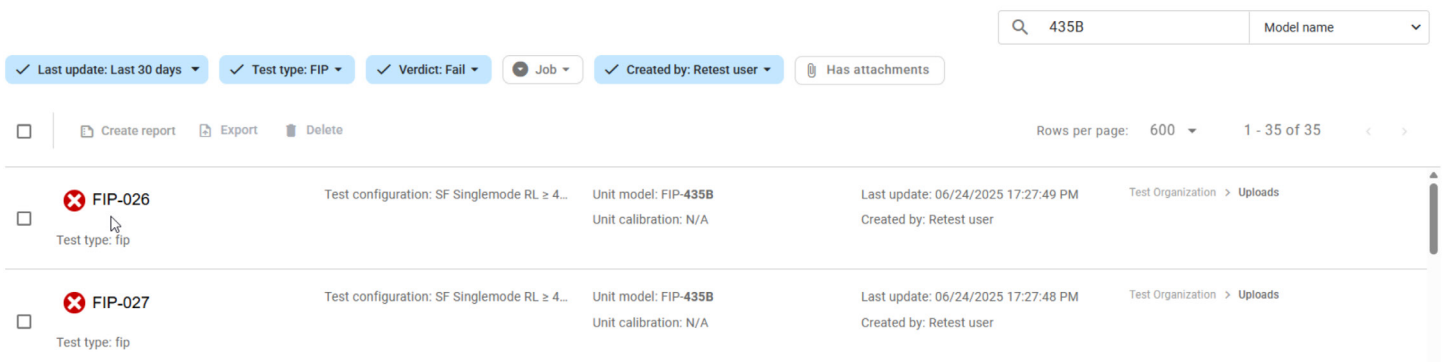

Figure 1. Example of the EXFO Exchange "Results" tab with filter/search options.

Better data starts with structure

EXFO Exchange offers two flexible approaches for capturing and managing test results, depending on your operational needs:

1. Ad-hoc testing with result labeling

Ideal for quick tests or exploratory work without a predefined structure.

- Add meaningful labels (e.g., location, device, technician) directly on the mobile app before or after testing.
- Customize fields at the organization level to align with your operational taxonomy.
- Filter, search, and analyze your data more efficiently—whether via web app, reports, API, or data mart.

Advanced capabilities with an Exchange subscription

- Make fields mandatory to enforce data capture discipline.
- Use dropdowns or predefined value sets for consistency.
- Validate user entries with regex-style rules (e.g., format constraints).

Example: A technician in the field can select "Building A, Floor 2" and "Technician ID" before running a test—without needing a job pre-assigned.

2. Orchestrated testing with job management

For large-scale deployments or structured projects where consistency and traceability are critical.

- Predefine test plans with expected test points, locations, and parameters.
- Ensure that all tests are executed with the right setup and naming conventions.
- Automatically associate all results to the job and workspace for seamless project-level reporting.

Benefits of job orchestration

- Results are automatically classified and grouped under the right job.
- File naming follows project standards—no more "final_test123_OK" chaos.
- Full export compatibility with third-party tools like FastReporter.

Example: A job might define a fiber inspection plan for "Cable1_Fiber5_Port12" with pre-set test parameters. Every result from the field is auto-tagged and aligned with that structure.
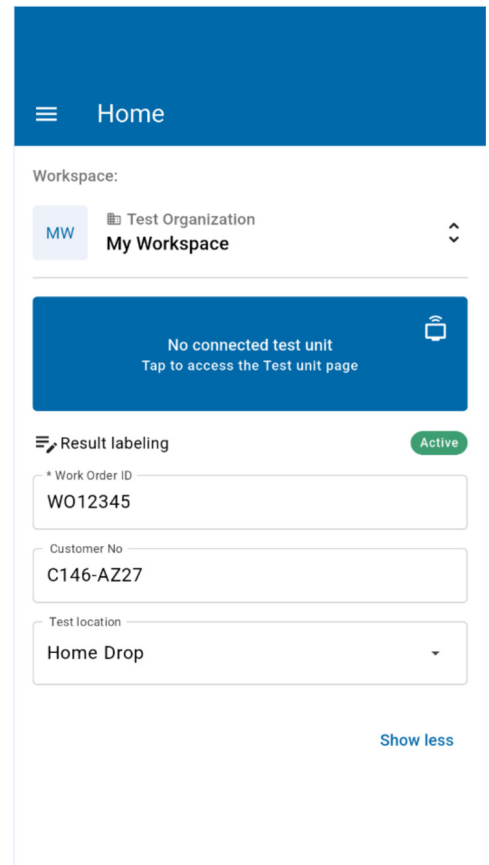
Figure 2. View of result labeling on the EXFO Exchange mobile app.

Job management enhances structure even further

Simply labeling results isn't enough. With results management as part of job management:

- Test names, locations, and parameters are defined by user in advance.
- Tests are executed with the correct settings and structure.
- Results are correctly labeled and grouped for project-level reporting.

For example, rather than seeing inconsistent filenames like *Test1234_final_OK*, you'll get standardized labels like *Cable1_Fiber5_Port12* or *Floor1_Room3_Cabinet9_Rack11_Unit15*, consistently tied to a specific job and technician.

Manual review of every test file is time-consuming, especially when clients require strict formats. With structured jobs:

- All results are grouped in the correct workspaces.
- File naming conventions are automatically applied.
- All results can be exported and reviewed in third-party applications, such as FastReporter.

Conclusion

Results management is more than just collecting test files. It's about controlling data quality, improving traceability, and eliminating repetitive manual work—giving you confidence that every test is accounted for, properly labeled, and ready for reporting.

FEATURES	AD HOC (RESULT PROPERTIES)	ORCHESTRATED (JOB MANAGEMENT)
Structure	Technician-defined	Predefined by admin/project manager
Setup time	Minimal	Upfront planning required
Field flexibility	High	Medium
Data consistency	Moderate (custom fields help)	High (automated through job structure)
Use cases	Spot tests, troubleshooting	Projects, mass testing, deployments
Integration with reporting, API and data mart	Yes	Yes

Ready to centralize your field test results?

EXFO Exchange's free account includes **basic results management** to support essential deployment needs.

For **advanced features and scalable operations**, contact us to discover how a full EXFO Exchange subscription can help you scale operations with efficiency.

EXFO serves over 2000 customers in more than 100 countries.
To find your local office contact details, please go to **EXFO.com/contact.**