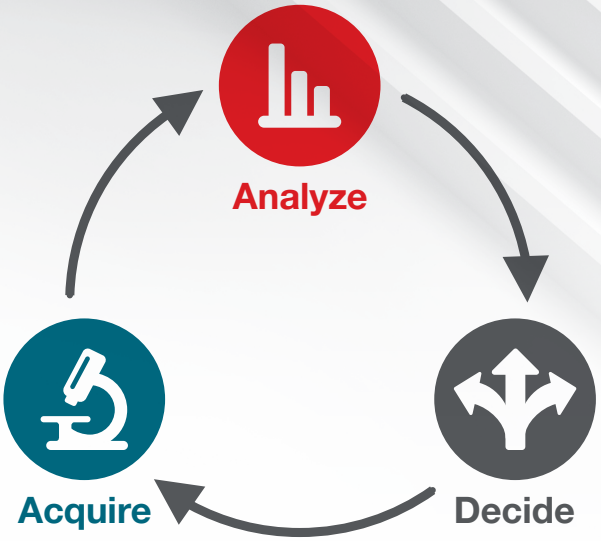
ThermoFisher SCIENTIFIC

Standardize your best microscopy workflows. Scale them everywhere.

Turn proven microscopy methods into repeatable, automated workflows that can be used consistently across operators, instruments, and sites. With Maps Discover—available within Thermo Scientific™ Maps Software—analysis can run during acquisition and guide what happens next while your team remains in control of the decisions that require scientific and engineering expertise.

Available for SEM, FIB-SEM, and TEM.



Standardize proven workflows

Capture your best acquisition and analysis methods in repeatable workflows that can be used consistently across operators, instruments, and sites. Reduce dependence on individual experience while improving reproducibility and process consistency.

Reduce manual effort and variability

Automate repetitive detection, measurement, acquisition, and documentation. Increase throughput while reducing the manual steps that introduce operator-to-operator variability.

Scale expertise, not dependence on experts

Put expert knowledge into the workflow, not only in the expert. Automate routine work while experienced scientists and engineers focus on interpretation, exceptions, and decisions requiring their expertise.

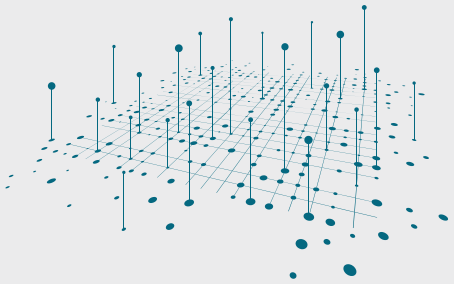
Build on what already works

Extend existing Maps Software workflows with Python libraries, computer vision, or your own AI models. Start with processes you already trust and add automation without rebuilding around a new software environment.

From standardized workflows to adaptive microscopy

Start by automating processes you need to run consistently today. As needs evolve, Maps Discover can go beyond predefined automation: real-time analysis can determine what the microscope does next during acquisition.

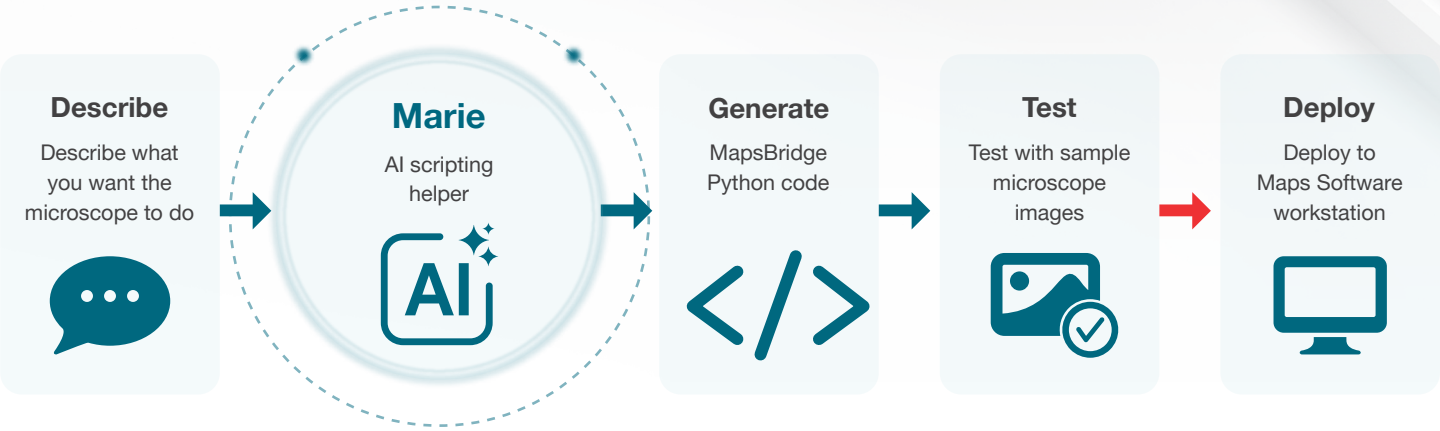
Standardize. Automate. Adapt. Scale.



thermo scientific

Go from workflow idea to microscope automation

You bring the microscopy expertise. Marie helps with Python coding.



Maps Discover Studio

Create and test automation without starting from a blank script.

Maps Discover Studio provides a browser-based environment for building and testing adaptive microscopy workflows.

At its center is Marie, the AI scripting assistant. Simply describe your workflow in natural language and Marie generates Maps Software–compatible Python code that you can review, test with sample microscope images, refine, and deploy directly to a Maps Software workstation.

This makes sophisticated automation accessible to more of your microscopy team, not only experienced Python programmers.

Designed to evolve with your operation

Start with workflow standardization and automation. Add computer vision, adaptive acquisition, and AI/ML as your applications and requirements evolve.

Your team stays in control of interpretation and scientific decision-making while Maps Software handles repetitive detection, measurement, and workflow execution.

It helps drive greater consistency, reduce manual effort, increase throughput, and a create scalable foundation for future automation.

Talk with us about standardizing and automating your microscopy workflows.

Find out more at **thermofisher.com/maps**

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