

What's new in RelayHelper 3.0

1. User accounts and subscriptions

RelayHelper now requires user registration. Three subscription plans are available: FREE, BASE, and PRO, allowing you to choose the option that best fits your workflow.

2. CEV file support

Added support for CEV files, enabling analysis of disturbance records from a well-known American manufacturer.

3. Trajectory visualization for protection calculators

Trajectory plotting is now available for all protection calculators. Protection analysis is now straightforward and visual.
(Available in BASE and PRO plans)

4. Spectrogram visualization

Spectrogram view provides an intuitive way to analyze how frequency components evolve over time, making transient phenomena and non-stationary signals clearly visible.
(Available in the PRO plan)

5. Power Protection module

A new Power Protection section has been added to the Protection menu. It allows visualization of power variations captured in disturbance records. For example, you can overlay a generator capability curve and verify whether the generator output exceeded its permissible limits.
(Available in the PRO plan)

6. Fault location module

A new single-ended algorithm for complex grid configuration that supports mutual coupling between lines and tap transformers.
(Available in the PRO plan)

7. Transition to CFF file format

RelayHelper has moved to the CFF file format. Opening legacy COMTRADE (CFG & DAT) files is still supported, however, saving is now performed exclusively in CFF format.

8. Personal cloud storage

Each PRO user now has dedicated storage within their account for files and analysis results.
(Available in the PRO plan)

9. OneDrive integration

Added direct integration with OneDrive for file access and storage.
(Available in the PRO plan)

10. Saving and loading project data in INF section of CFF file

Added the ability to save and load:
COMTRADE files
protection settings
markers and annotations
(Available in the PRO plan)

11. Improved mobile device support

Enhanced usability and performance on mobile devices.

12. Improved design and workflow

General improvements to the user interface and overall workflow for more efficient analysis.

13. UTF-8 character support

Full support for UTF-8 symbols has been added, improving compatibility with international channel names and annotations.