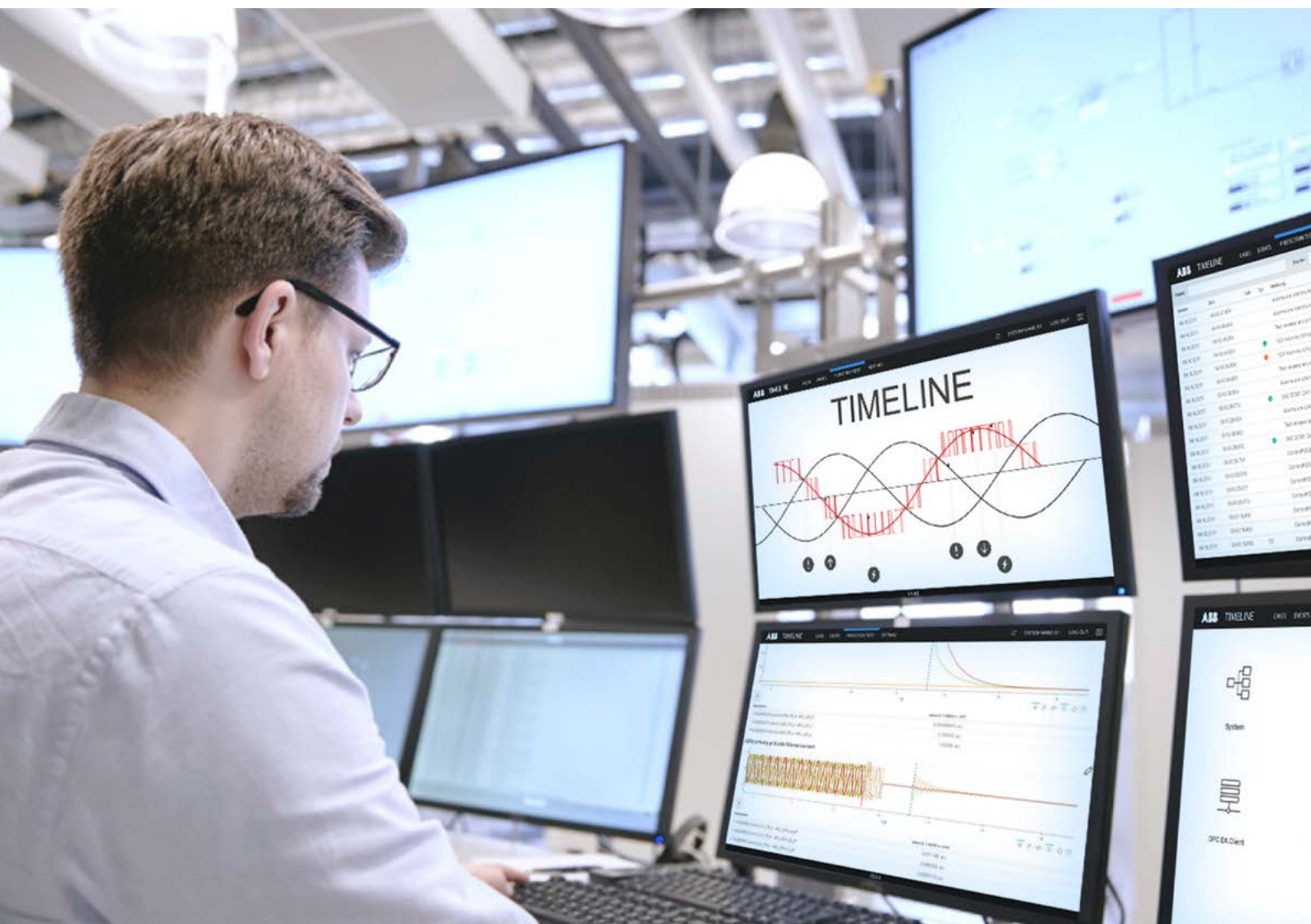


PRODUCT NOTE

TIMELINE Tool – Focus on your system essentials

Easy access to saved and timed converter system data



ABB's TIMELINE Tool is an advanced failure and diagnostic software for converter systems, based on AC 800PEC controllers.

Benefits

- All converter events and measurements sorted and timed at a glance, ensuring maximum productivity at all times
- Reduced data conditioning time ensures higher availability
- Minimized and easy fault analysis enhances site maintenance skills
- Safe, fast and user-guided reverification of system protection tests and settings
- Easy access through a common web browser
- Intuitive interface design allows target-oriented approach
- Simple forward of recorded data as a html or csv export through browser download

The TIMELINE Tool records and synchronizes system data, such as events and trending, from AC 800PEC controllers to a database, using time as the common reference. Data can be accessed through the latest web-based browser with tailored functionalities allowing the plant operators to focus on essential content.

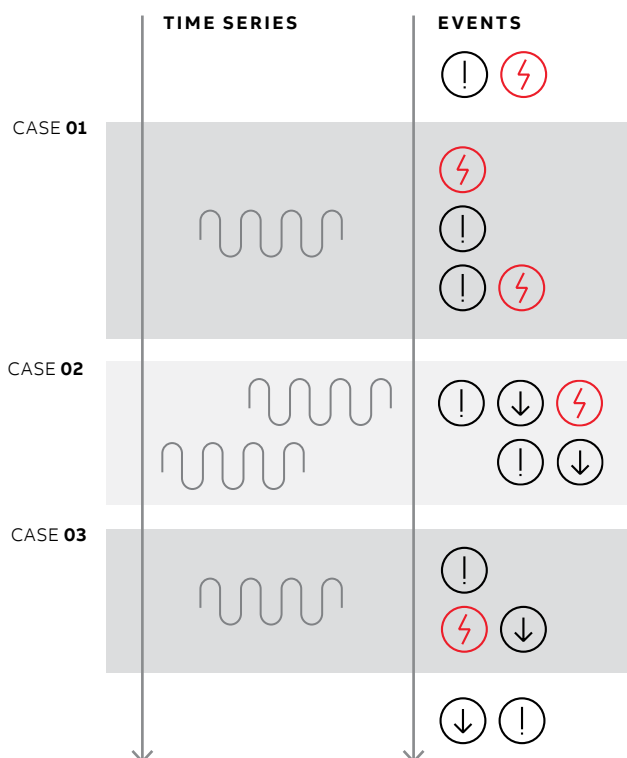
The complete converter system data is useful for identifying the root cause of an event. Long-term monitoring functions deliver important information on equipment status, upcoming service routines, trends and input for suggested performance improvements.

Users can access stored data and more easily and efficiently guide the maintenance engineer through the fault-finding procedure and the implementation of corrective actions.

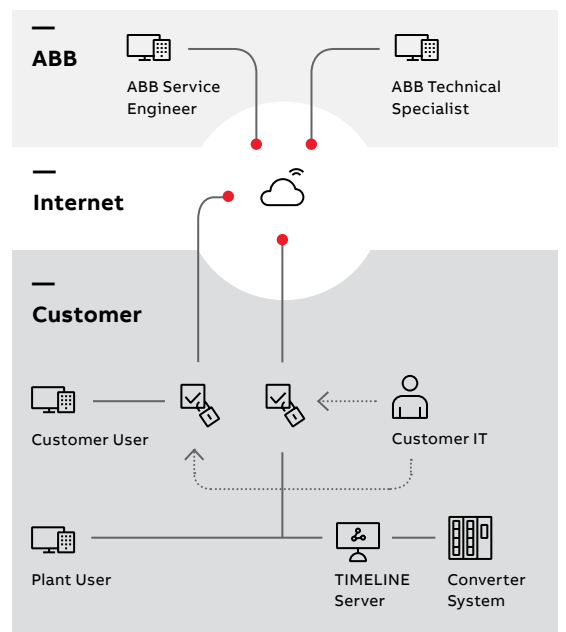
TIMELINE Tool server

Installed on the system's service computer, the server collects all data, conditions them and stores everything to a local database. Any device with Internet access, which is allowed to communicate with the TIMELINE Tool server, can login to the tool using a local plant network or remote access. The use of an Internet browser as an interface, lowers the hurdle for occasional users and offers multiple access at the same time.

Case concept



Remote access



Case manager

Data loggers are triggered in the converter system and record transiently high resolved time series, including pre-trigger information. The case manager combines the relevant time series and events to a case. All cases are sorted and listed for the user and can be analyzed in the case viewer. Groups and subgroups can set-up the case dashboard for the respective needs. Each case is assigned by an identification number supporting proper documentation.

Event list

All converter system events are recorded and listed in a table. A dynamic database search allows specific and fast analysis of this entire list. Events that are within a case's time are marked with its case number. Shortcuts enable the respective case to be opened directly.

Protection tests

Preloaded protection test patterns are available for users. The conditions to perform the tests are

set and allow re-verifications according to the needs of the plant operator guidelines. TIMELINE Tool records, in real-time, the individual defined set of data as protection test measurements. Similar to the case manager, all performed tests can be recalled and analyzed at anytime.

Customer access

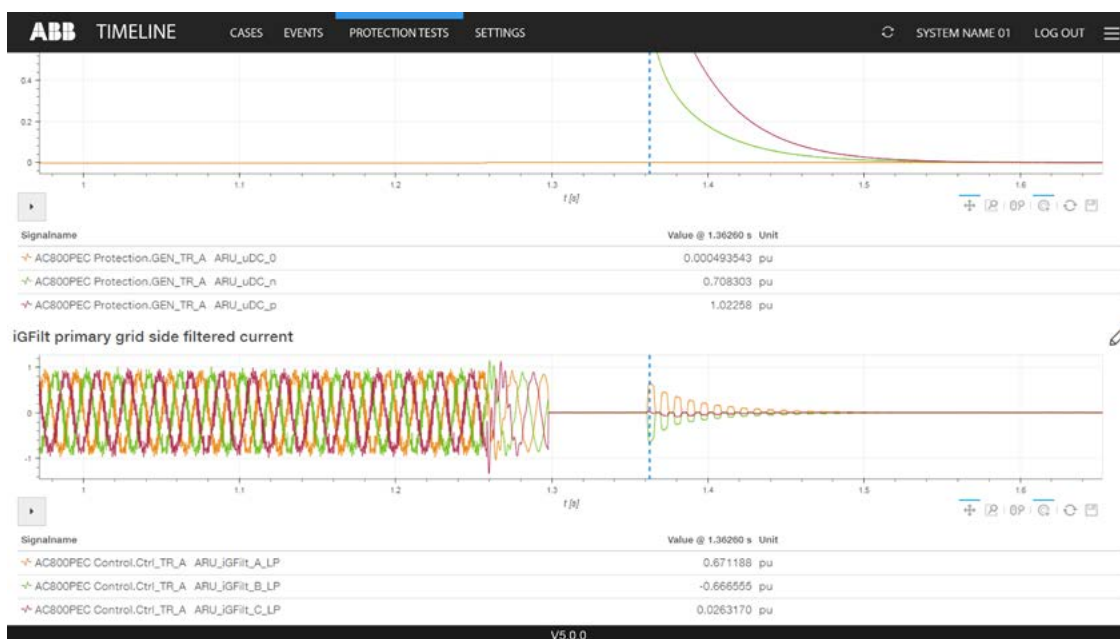
Customers have unlimited access to their assets, allowing them to check the status of the converter remotely at anytime. The data can be easily accessed through a common web browser by using an individual customer login.

Security

Remote access is only possible with the proprietor's explicit permission. The access rights for each user are set by the asset owner.

TIMELINE Tool is available as part of a service agreement with an ABB FACTS service site or provider.

Case viewer



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www.abb.com/facts
www.abb.com/converters-inverters

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Note

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