



ABB OY DISTRIBUTION SOLUTIONS

ADAM – fleet management for protection and control devices

Product presentation



ADAM

Fleet management for protection and control devices

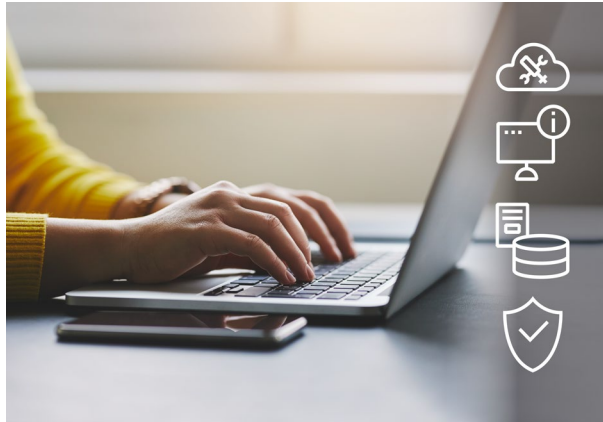
Easy-to-use, cybersecure and cloud-based, ADAM provides you with the full view of your devices, complete visibility of your data, and easy device management.

This digital solution is fully hosted in a cloud environment and secure communication from the site to the cloud can be managed, for example, with ABB's Arctic family of wireless communication products.



ADAM

In a nutshell



ADAM is a new fleet management service.

ADAM is used for monitoring and managing ABB protection and control devices.



The service is fully hosted in a cloud environment and secure communication from the site to the cloud is managed with VPN, for example ABB's Arctic wireless communication products.



The cloud-based offering provides users the full view of their protection and control devices in their substations.

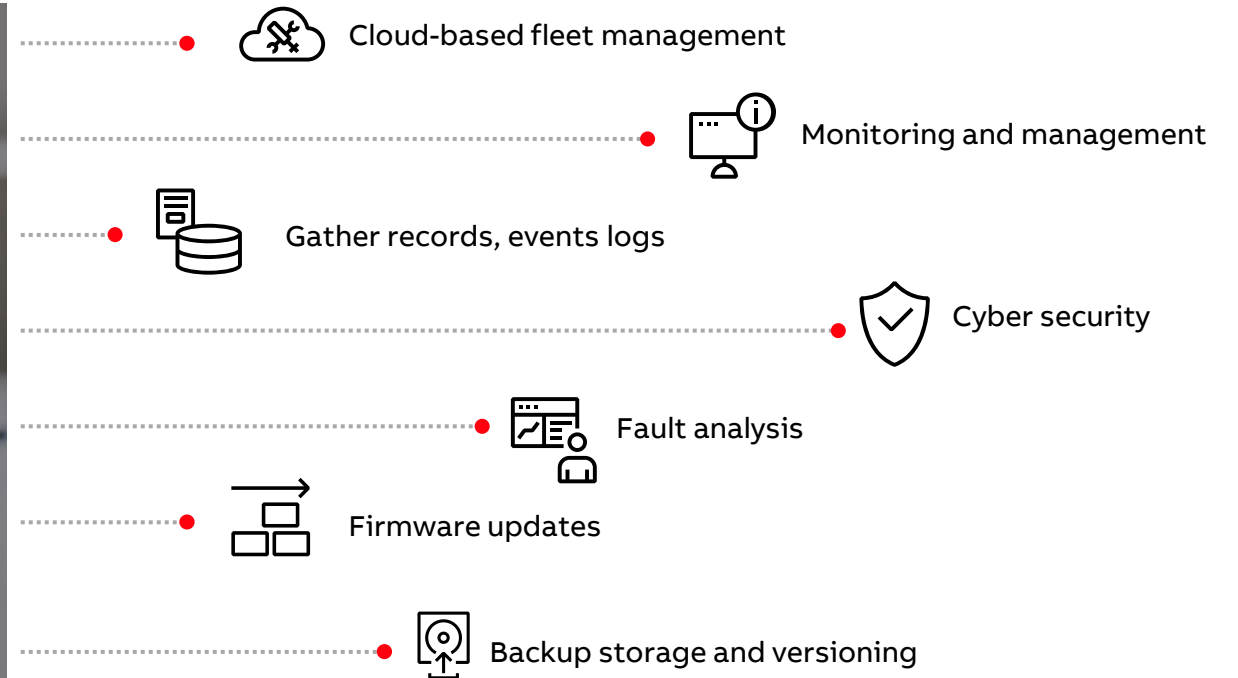


ADAM can be used in combination with ABB's Smart Substation Control and Protection SSC600/SSC600 SW.

ABB will gradually increase support for also other protection and control devices in upcoming releases.

ADAM

At a glance



ADAM

Benefits



Cost-efficient management of protection and control devices



Full visibility of substation status
Unique possibility for fault analysis covering the complete installation



Easy for end-user to use, just log in to the cloud service



Reliable storage for configurations and logs
Ensure protection and control devices are updated with the latest firmware

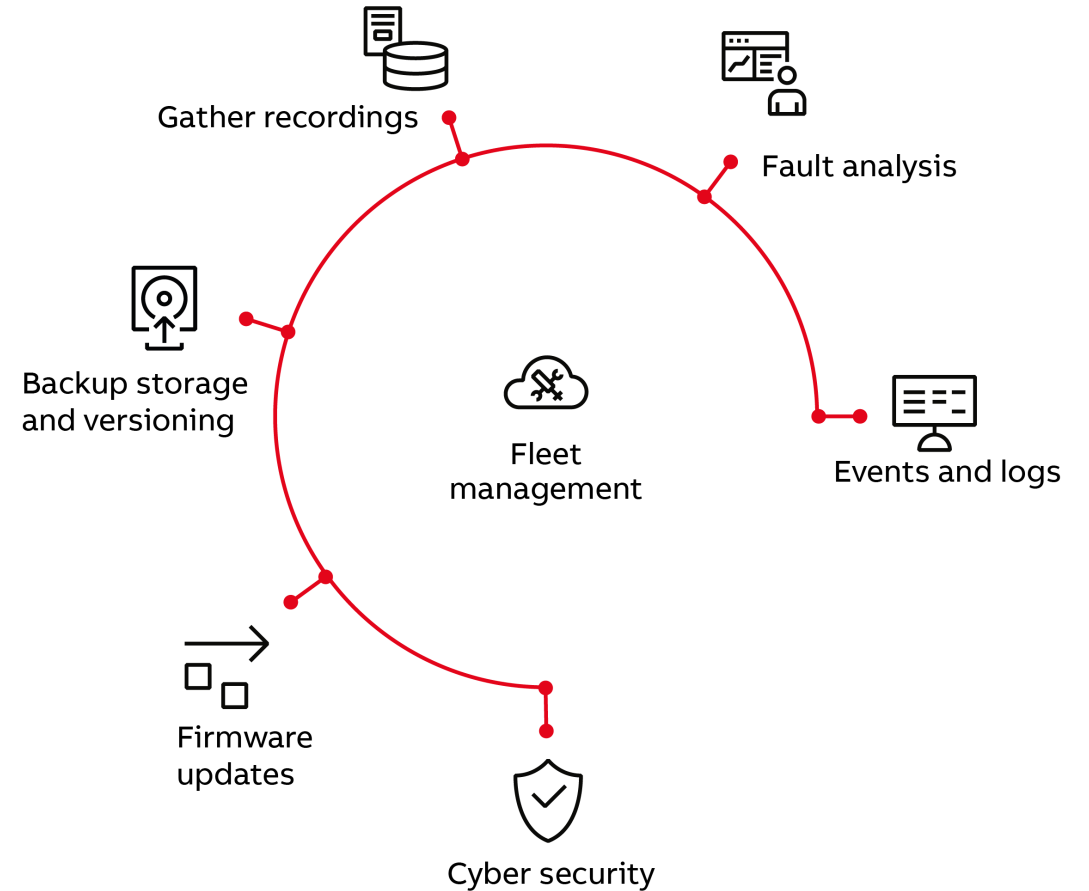


Cybersecure end-to-end ABB solution

ADAM

Features and functionalities

- Storage and backup
 - Configurations
 - Recorded data
- Data driven apps
 - Monitor ABB protection and control devices
 - Visualization of records, events and logs
 - Condition monitoring
 - System optimization
- Fleet management
 - Firmware updates
 - Settings management



ADAM

Secure communication system

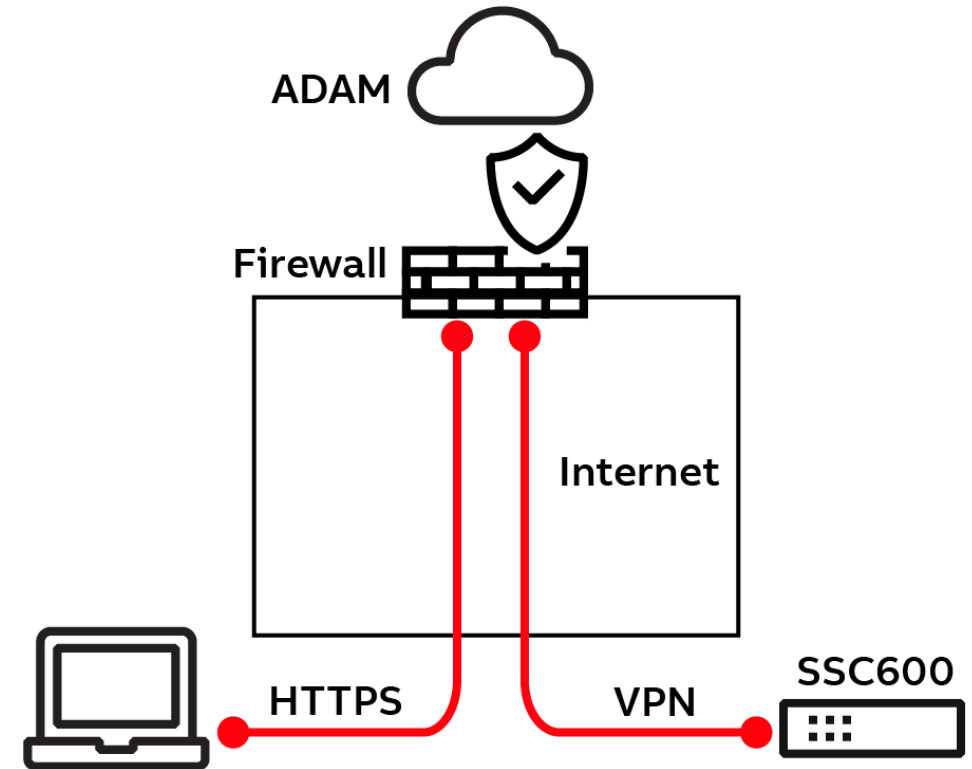
SSC600 connects to ADAM via VPN tunnel.

You can freely choose your preferred VPN-based network infrastructure for connectivity.

A complete ABB connectivity solution can be done with, for example, Arctic family of wireless communication products.

The end user connects to ADAM with a web browser

- Encrypted secure connection with HTTPS
- Single sign-on with multi-factor authentication
- Role-based access control possibility



ADAM

Subscription-based service

ADAM is a subscription-based service that can be purchased via ABB Relays-Online. Go to:

<https://relays.protection-control.abb/>

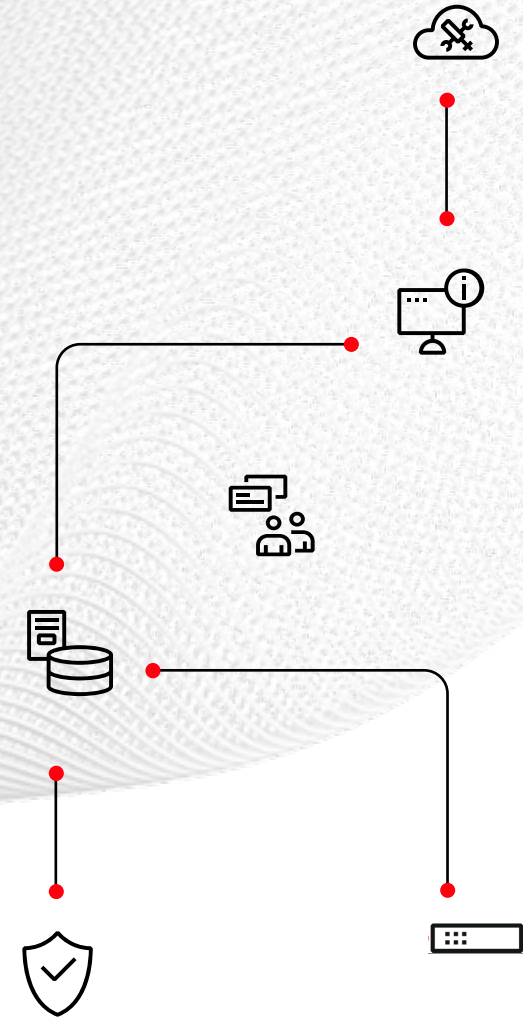
Learn more about ABB Relays-Online:

go.abb/relaysonline



ADAM

Main functionalities



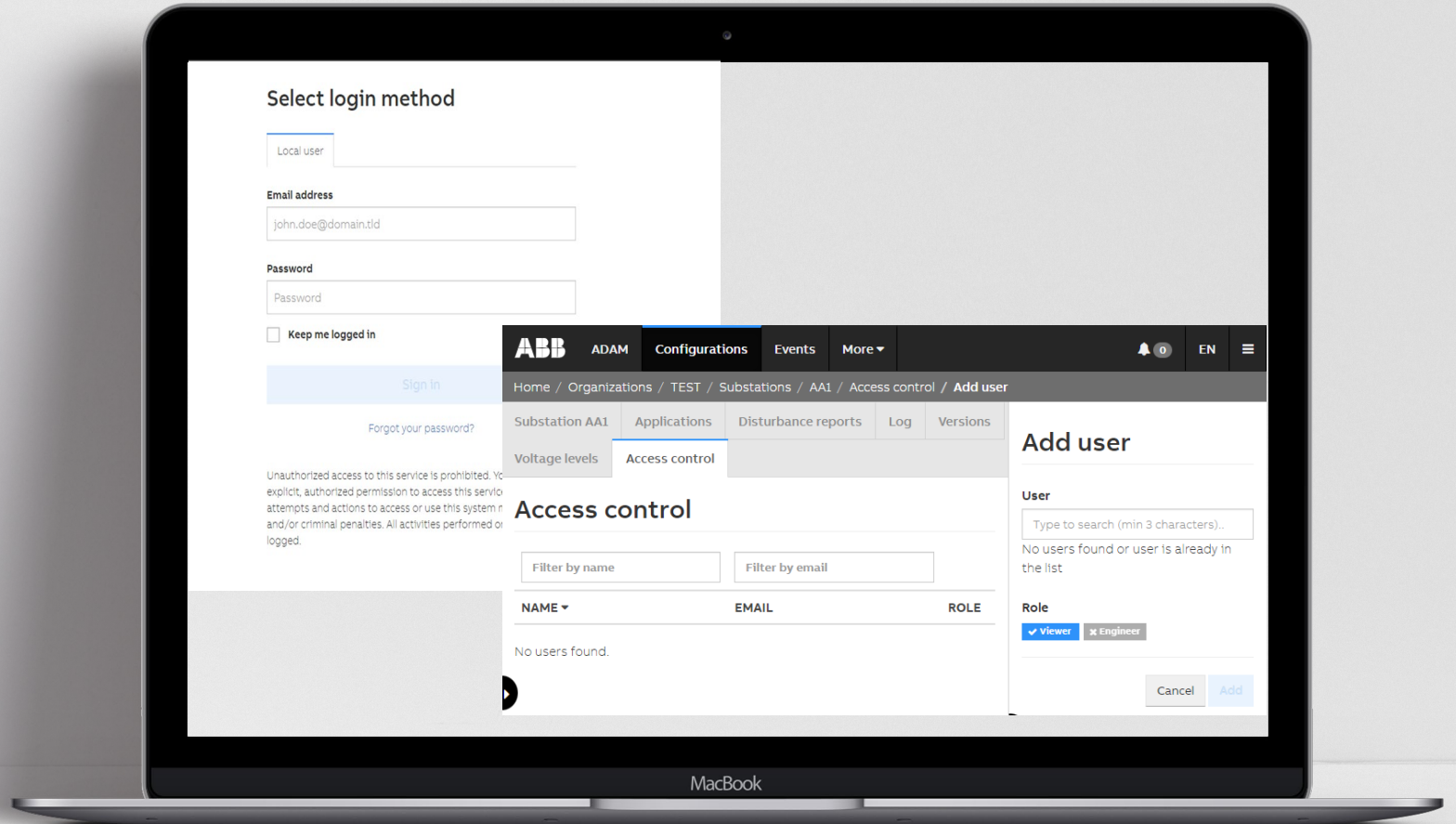
ADAM

User Management

Single Sign-On with MyABB credentials. You can use the same login information as on ABB Relays-Online and other ABB services.

It is possible to manage user rights differently for every substation.

Management is done by your organization, not ABB.



ADAM

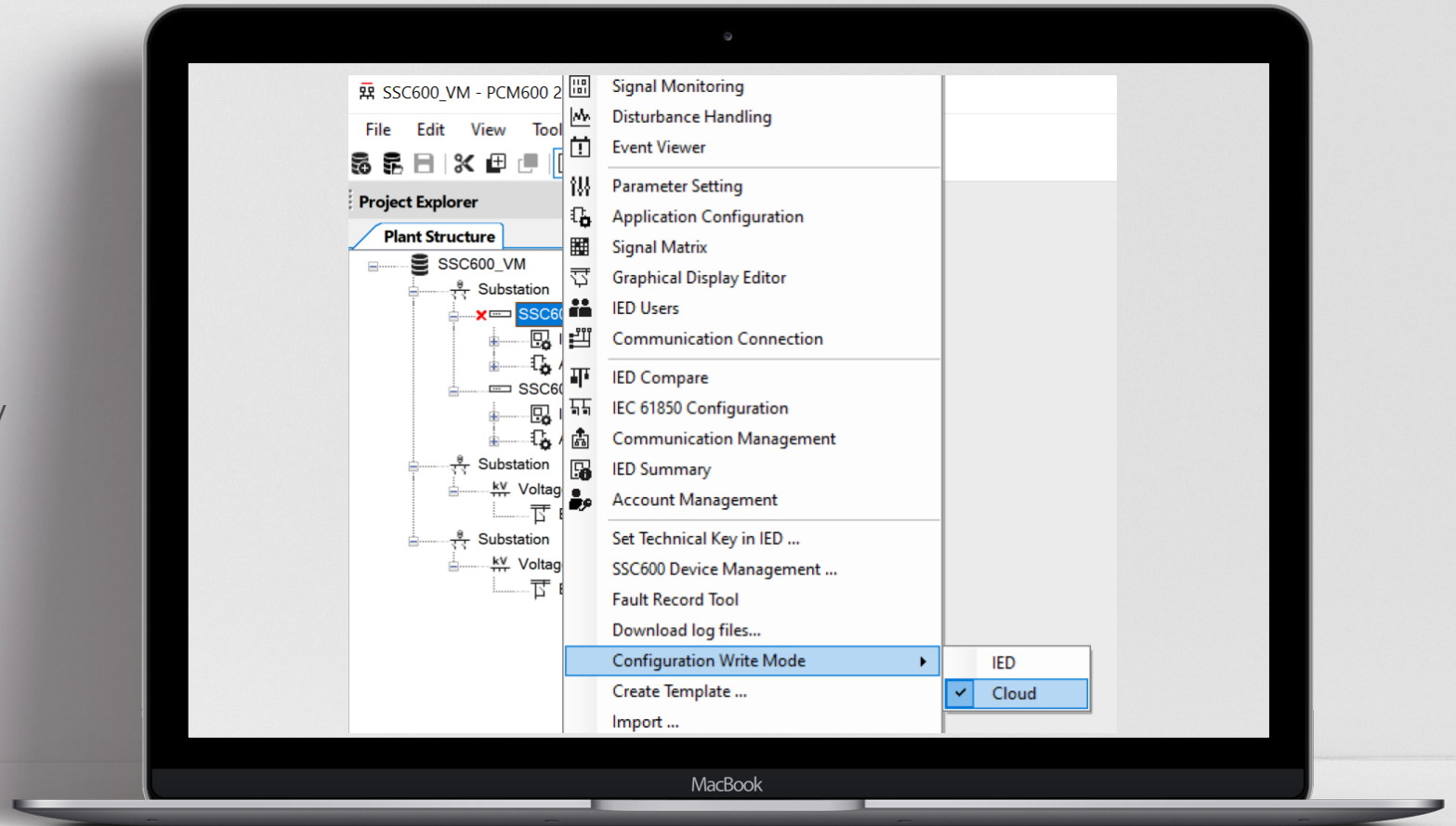
Configuration updates

The configuration is updated from ABB's relay setting and configuration tool PCM600.

No extra configuration work required – ADAM uses the same data as already created for the relay.

The configuration is written to ADAM during:

- Commissioning
- After updates



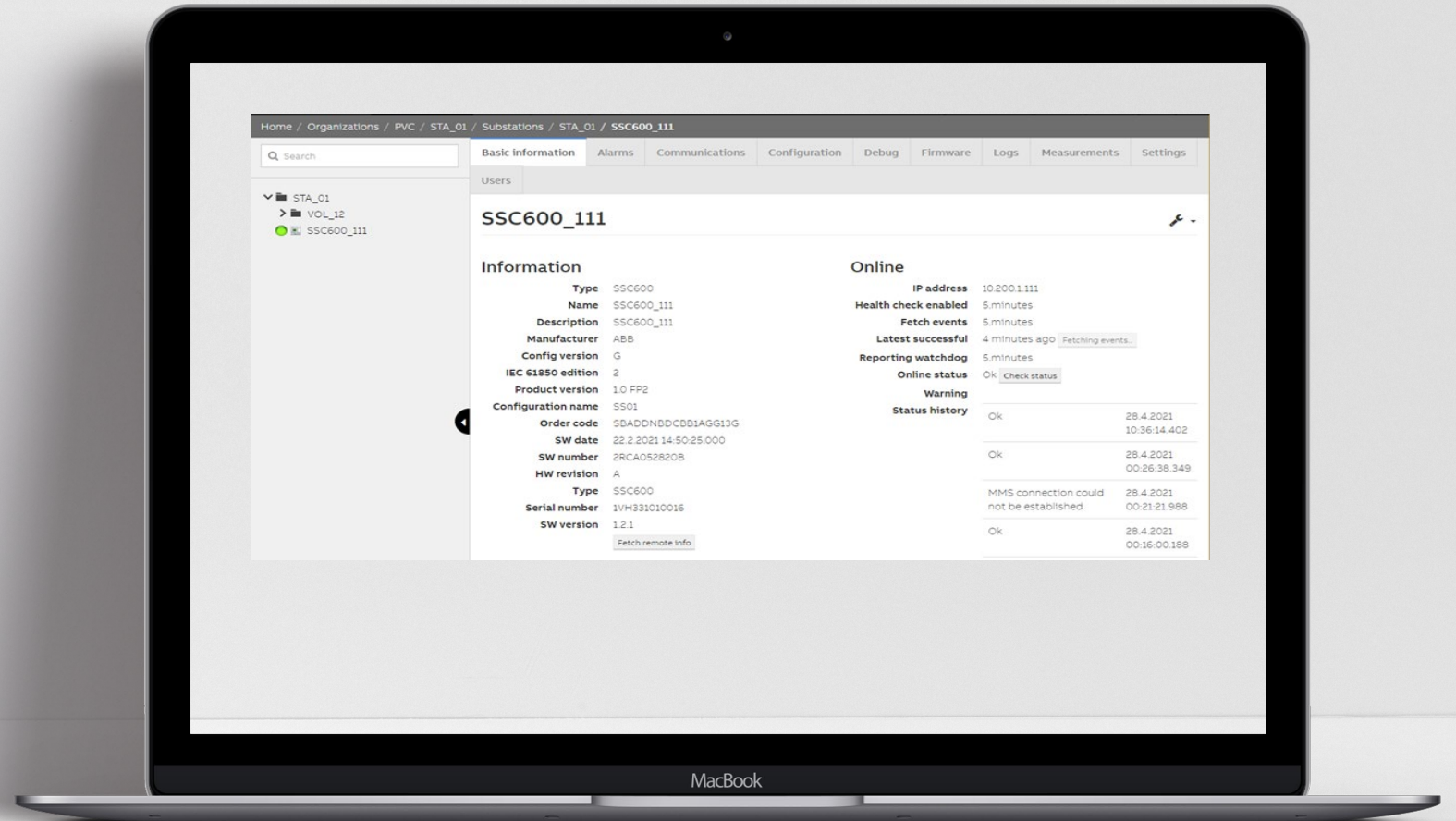
ADAM

Device information

Provides detailed information about the devices in the substations.

Includes

- Statuses
- Product information

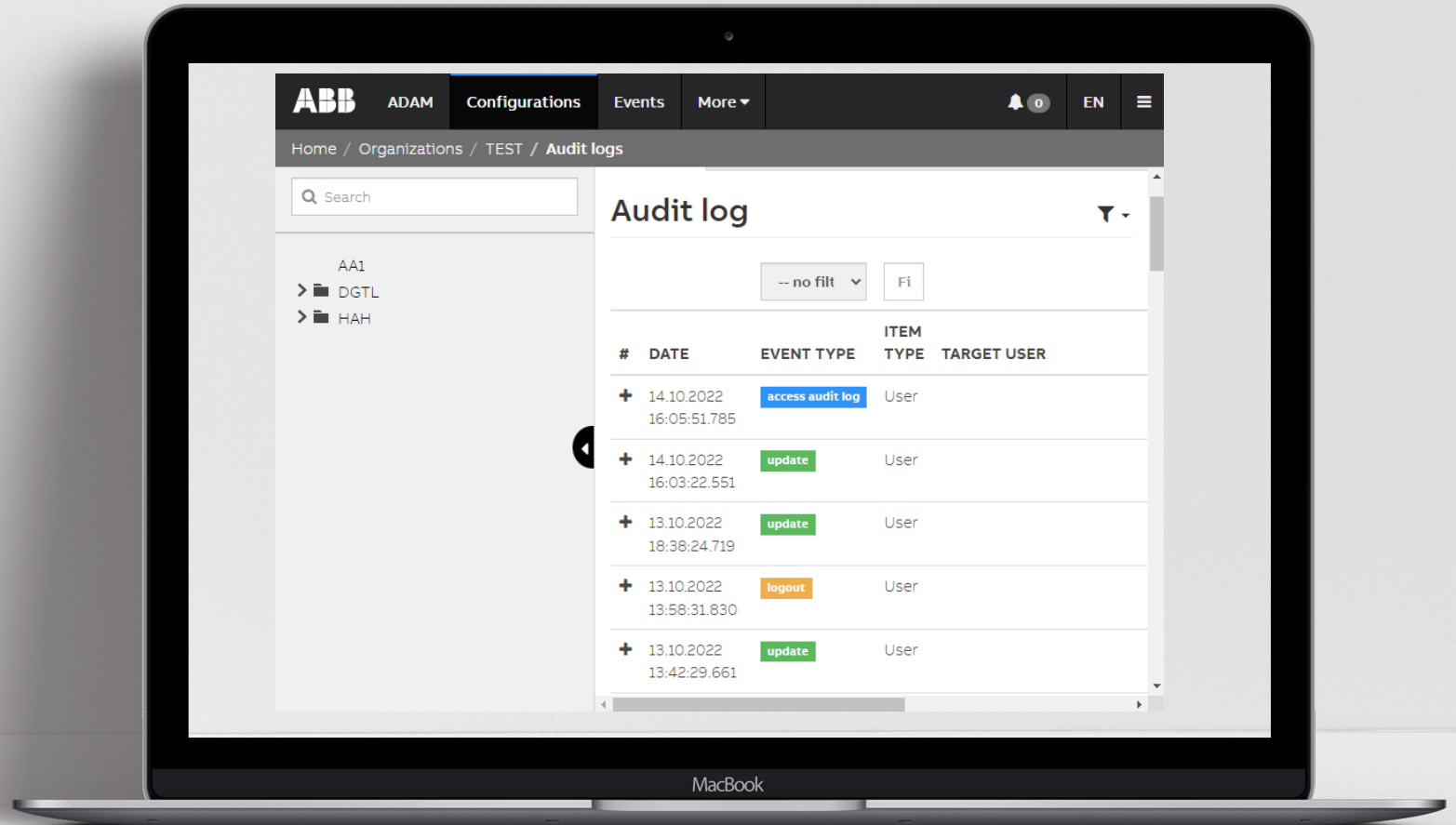


ADAM

Activity monitoring

Provides information about protection and control related activities in the substation.

- ADAM audit logs
- Alarms



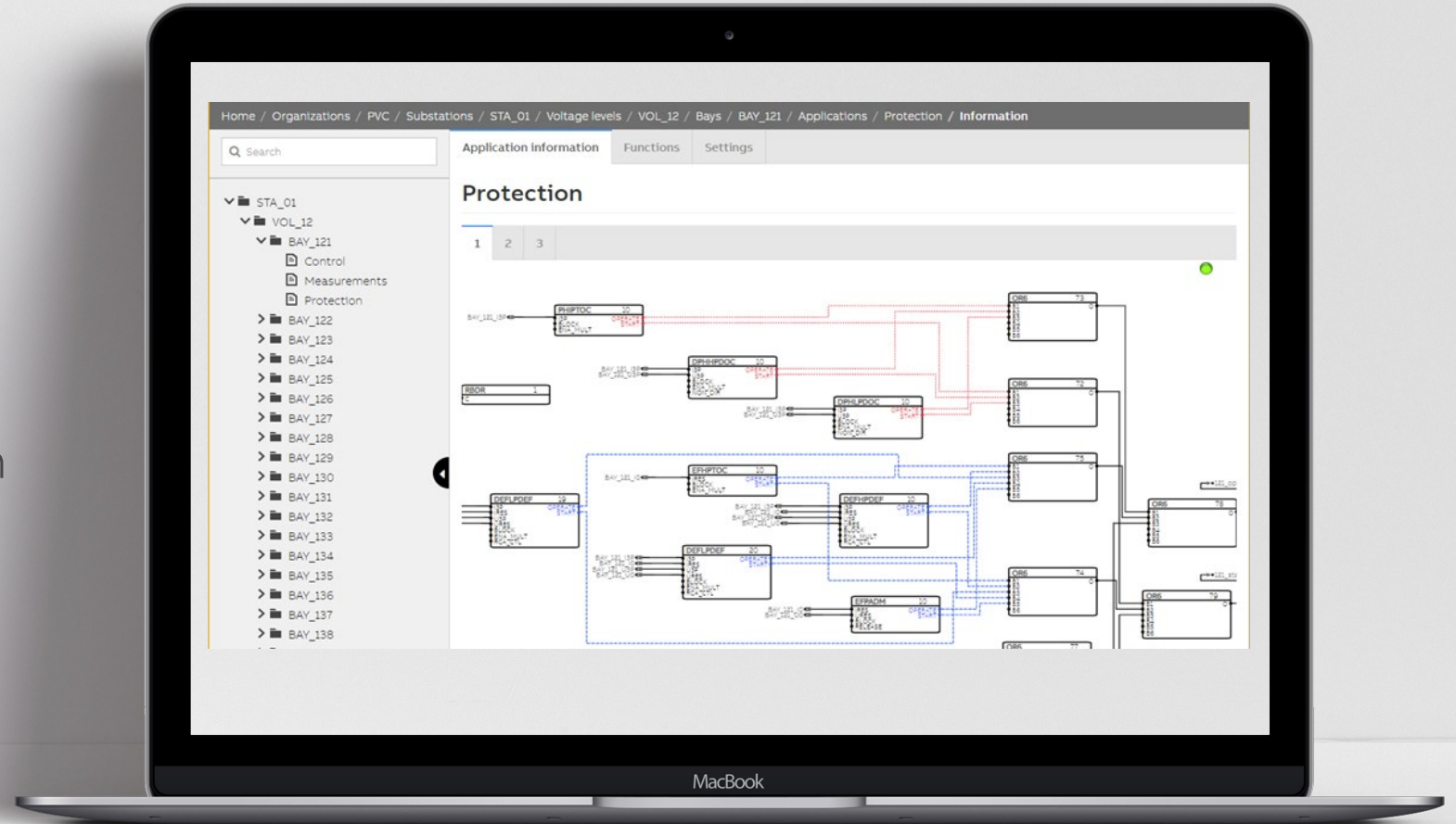
ADAM

Configuration status

Provides a detailed view of the protection and control application.

An easy way to find logic errors in the installation.

Provides the complete list of all activated protection functions.

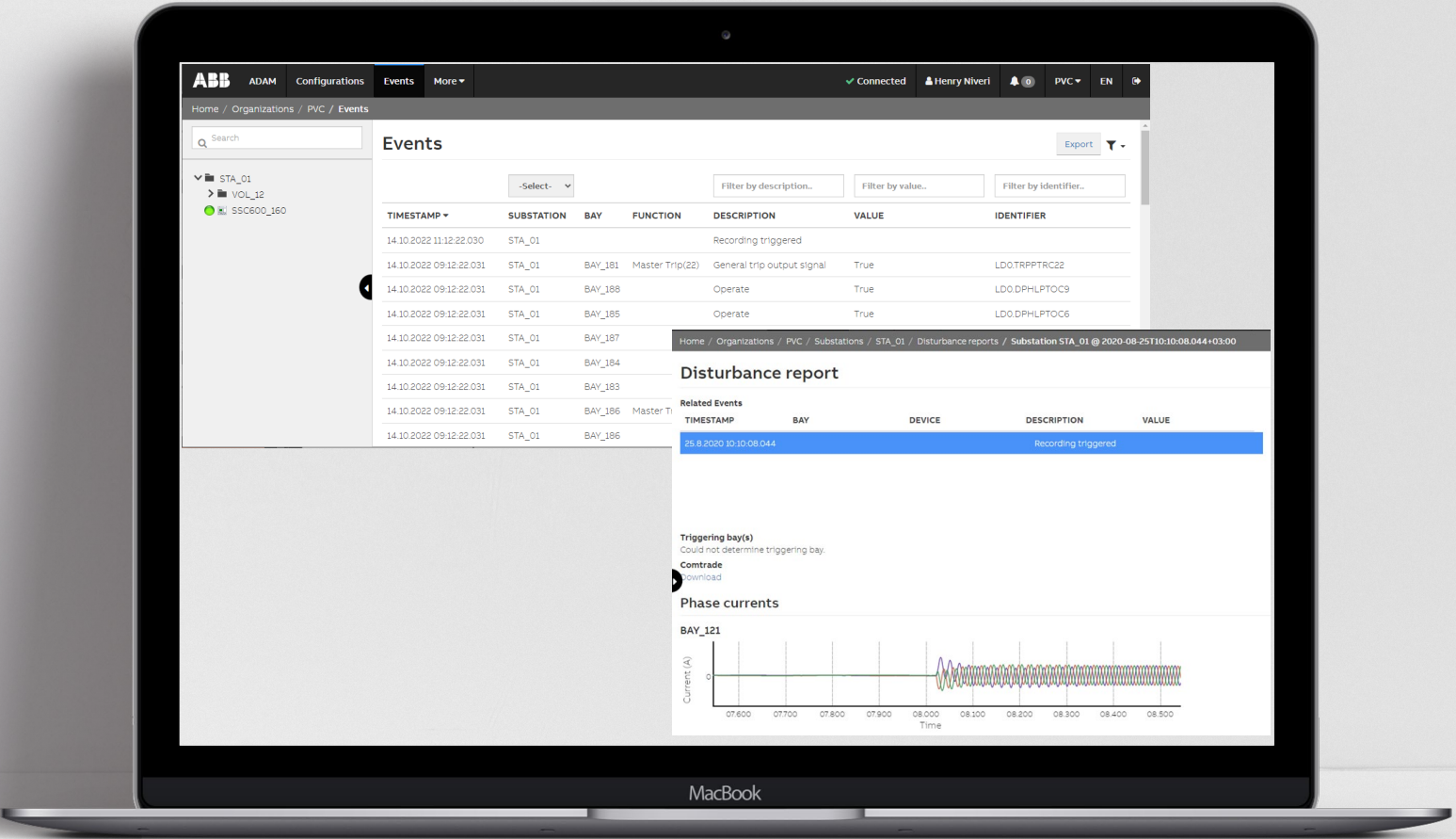


ADAM

Fault analysis

You can easily monitor all substation level events.

Perform detailed analysis of faults with the gathered disturbance recordings.



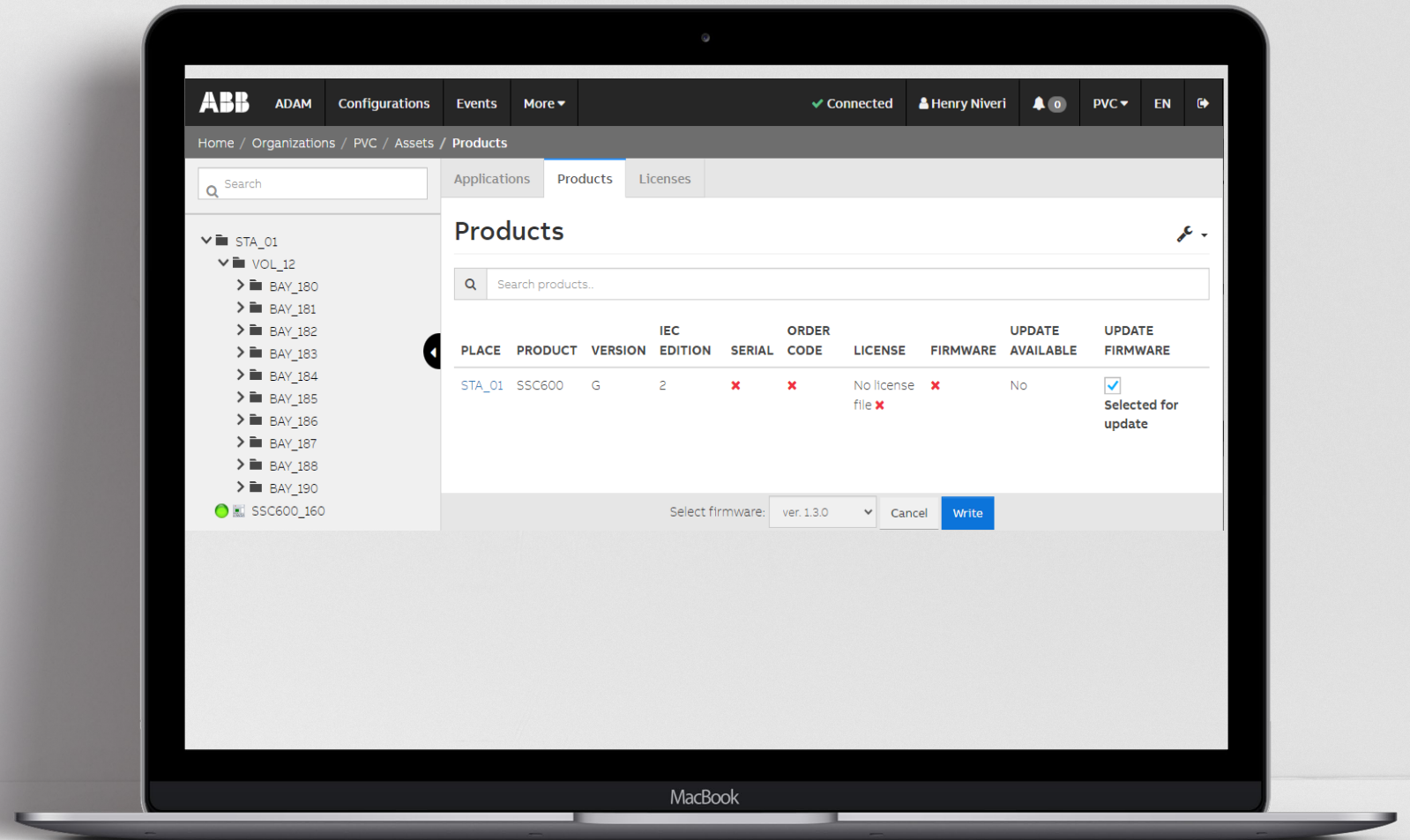
ADAM

Asset management

View all version information of the installed devices.

Check the status of the whole fleet in one view.

Possibility to do firmware update for all devices.



Learn more
about ADAM



Documents:

[ADAM flyer](#)



Web page:

[ADAM product page](#)



Video:

[Introducing ADAM](#)

ABB