



Virtualized protection and control

Introducing SSC600 SW

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Centralized protection for distribution substations in a nutshell

Smart substation control and protection SSC600



Innovative

- Centralizes all protection and control functionality in one single device on distribution substation level
- Fully based on international standards such as IEC 61850



Easy-to-use and cost-effective

- Minimal engineering from start to finish
- Fast and easy system-wide upgrades
- Extensive application coverage with one device
- Disturbance recordings for the entire substation



Future-proof and flexible

- Fully modular software allows SSC600 to change with the evolving grid and increasing digitalization of substations
- Maximum flexibility throughout the substation's entire lifetime
- IEC 61850-3-certified with inbuilt redundancy and self-supervision

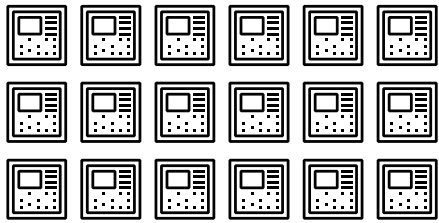


Optimized management

- Easy and efficient process management with station-wide visibility
- Cost-efficient maintenance with reduced amount of product variants
- Efficient configuration back-up management

Why go from conventional to centralized and virtualized approaches?

Less hardware and increased performance, flexibility and speed



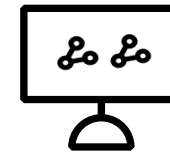
60

protection
relays



2

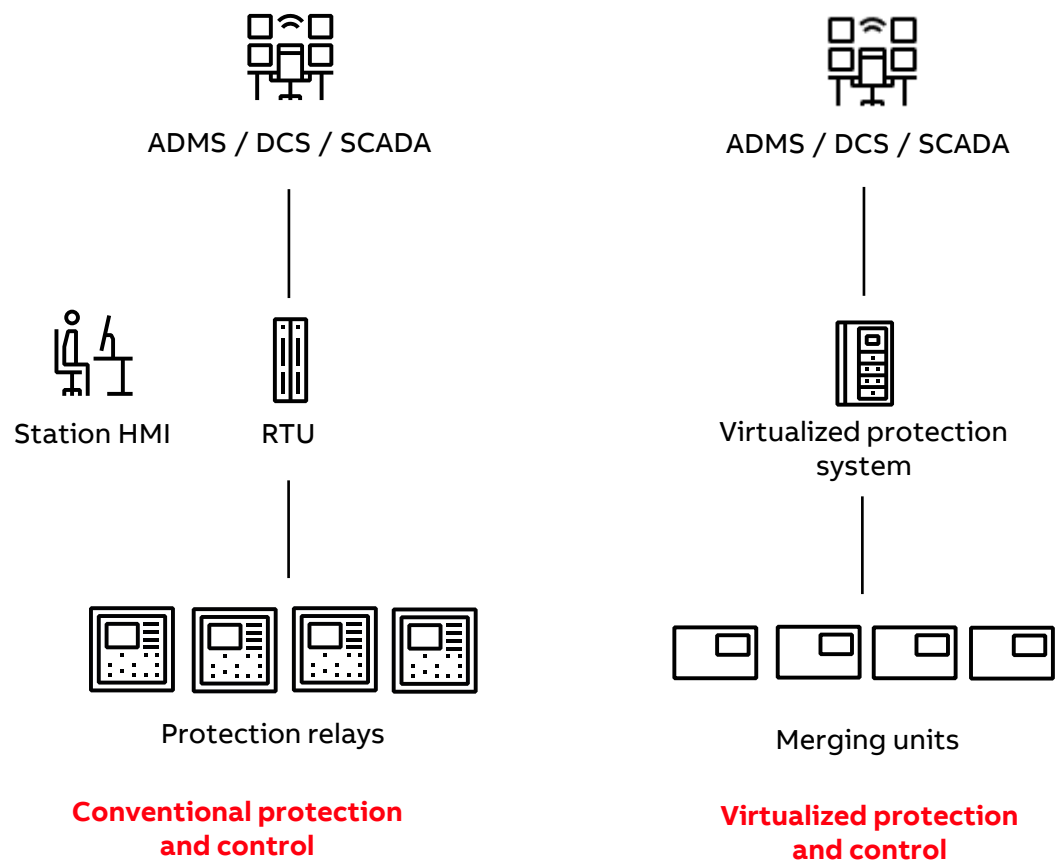
centralized protection
and control devices



2

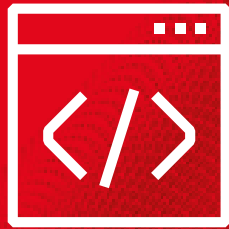
software images
on one server

From a conventional to a centralized and virtualized approach



Centralized protection and control

Two options



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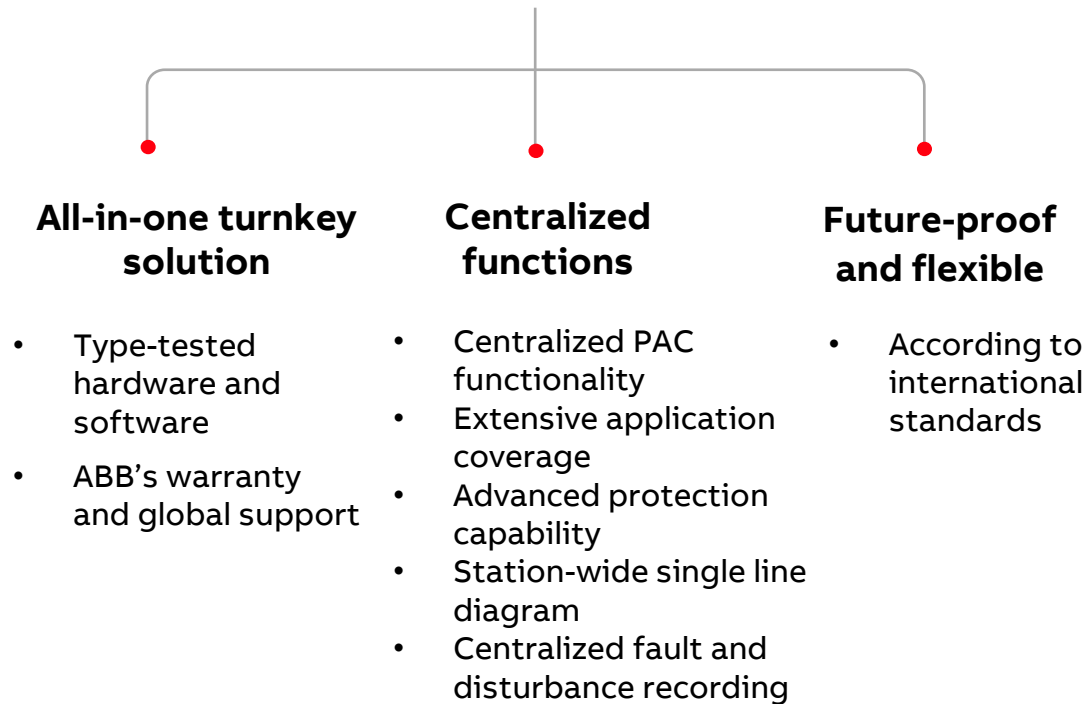


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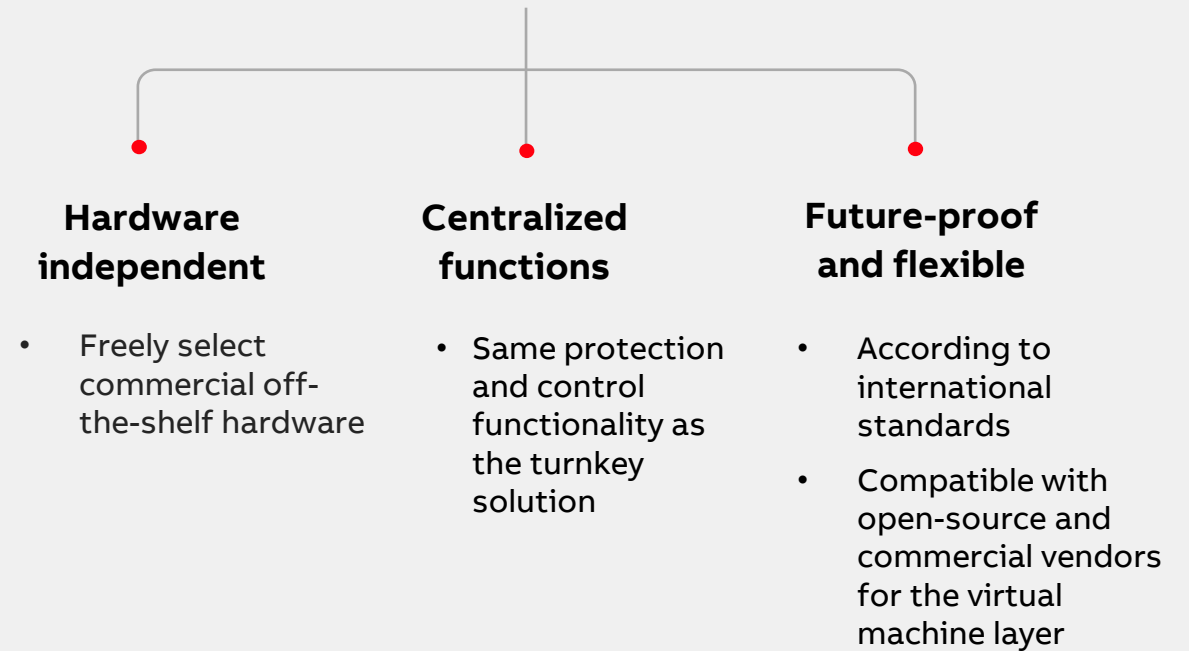
What is the difference?



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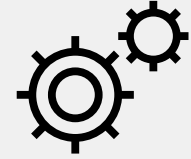
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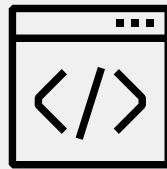
Components of virtualized protection and control



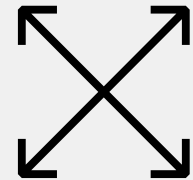
Hardware of your
choice



Virtual machine
environment



SSC600 SW



Connectivity

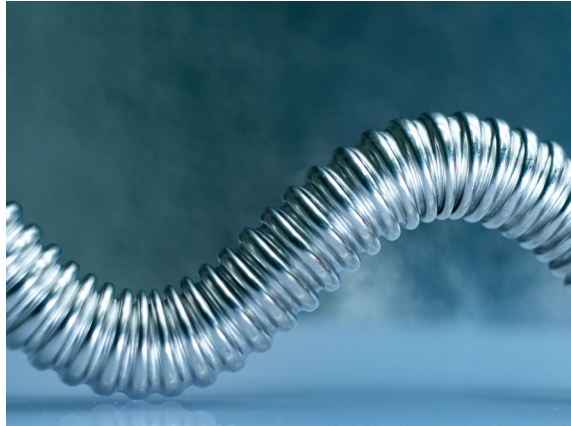
Virtualized protection and control

A future-proof, simple, flexible and high-performing system



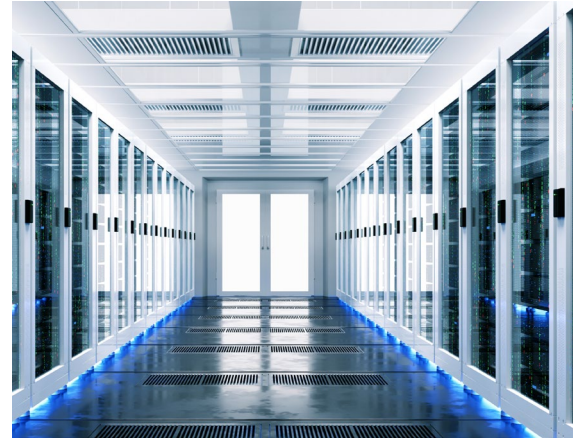
Simplicity

Simplification of assets to gain maintenance efficiencies.



Flexibility

Utilize the hardware of your choice and gain efficiency and flexibility with independent hardware and software lifecycles.



Performance

Get the most out of the hardware of your choice with optimized usage of your system resources



Future-proof

State-of the art protection and control technology to ensure that you can evolve your system according to your needs.

SSC600 SW

When you only want
what's inside



ABB