

ECOFIT™

for your Substation Automation

PSCN3020 HMI [AREVA]

Substation automation

Achieve higher sustainable performance with ECOFIT™ modernization solution!



Benefits

- Extend your switchgear lifetime.
- Digitization, enable access to asset and energy management.
- Reduced environmental impact
- Enhance your process dependability.
- Optimize your maintenance service costs & limits your investments.
- New ECOFIT™ spare parts availability.

Maximize continuity of operation

- Life time extension for existing switchgear.
- Less downtime than with full panel replacement.
- Reduces plants shutdown time from days to hours.

World class manufacturer design

- Original manufacturer tested solution.
- Worldwide support with manufacturer warranty.
- No change of cables and no civil work.
- Safety of people and surrounding equipment.
- Improve reliability and quality with compliance to new standards.

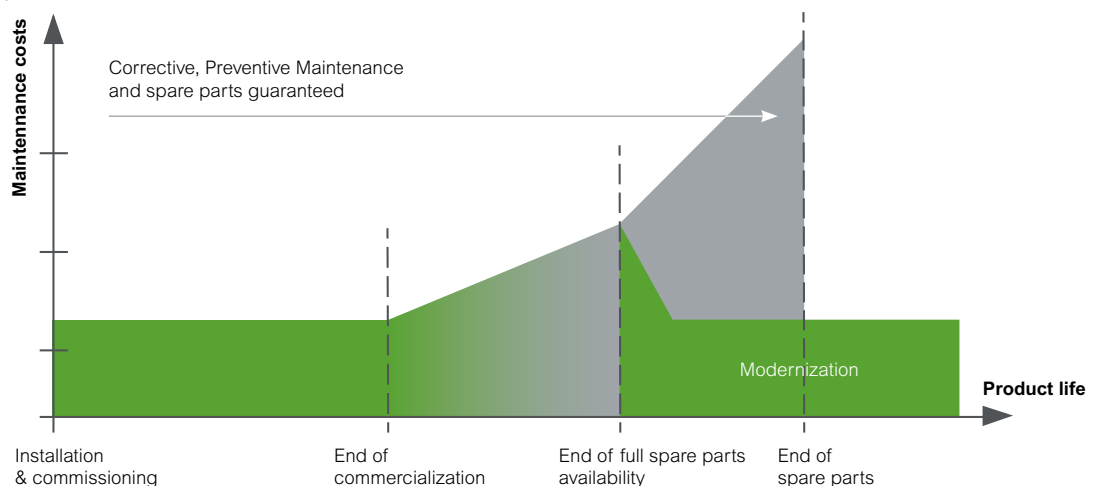
Reduce environmental impact

- Access to energy management with digital products.
- Efficient use of natural resources by replacing only active components.
- Recycling of obsolete equipment (metals, plastics, SF6, etc).

Schneider Electric team with you

- Worldwide support.
- Manufacturer expertise.
- Skilled installation and commissioning experts.

Total Cost of Ownership evolution



PSCN3020 HMI with EcoStruxure Substation Operation user interface

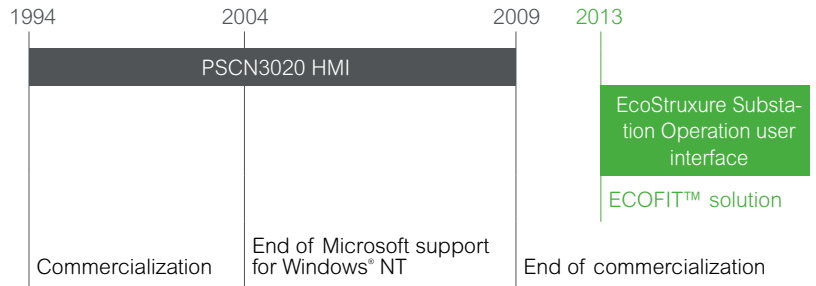
Original brand: AREVA

ECOFIT™ proposal

PSCN3020



With ECOFIT™, a true extended life time



Main characteristics and performances

PSCN3020 HMI
Windows® NT4 OS / 2
One EFIP network management
Configuration & database generation using proprietary & obsolete software
Redundancy switch over within 1 mn
Handled dataflow limited by EFIP protocol

EcoStruxure Substation Operation user interface
Windows® 10
Open to Ethernet IEC61850 for all future extension and step by step replacement of bay controllers
Direct IEC61850 configuration by import of SCD file for all new extensions
Hot redundancy seamless switchover
Handled dataflow up to 3000 MV archived /sec/server, once fully migrated to IEC61850

Typical HMI migration steps by the manufacturer

Customer site

Schneider Electric site

What are the benefits?



PSCN3020 HMI



DB migration to standard format



Graphical views Modernization to ECOSUI HMI



- No impact on existing ethernet network, bay controllers, gateways & IEDs, as well as electrical drawings or process wiring
- Fast implementing without substation shutdown
- Original HMI can remain in operation
- Secure migration managed by the manufacturer
- Cost effective solution providing advanced graphical interface features, enhanced performances
- System ready for step by step retrofit of bay controllers, gateways and IEDs
- Open to future extensions on IEC 61850 network

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Life Is On

