

Step into a new low-carbon and digital reality

EcoFit[™] Circularity & Repairability Services

Greater sustainability

- Efficient use of natural resources by replacing active components
- Recycling of obsolete equipment
- · Enabled energy efficiency monitoring

Improved efficiency

- · Lifetime extension for existing switchboards
- Unleash the power of connectivity with smart sensors
- Reduced plant shutdown time from days to hours
- No change of cables and no civil work
- · Improved safety of people and surrounding equipment

Resiliency with digital capabilities

- Continuous asset condition monitoring
- Remote operation ability
- Access to digital energy management solutions and connected service plans

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Benefits

- Maximizing your resiliency, efficiency and safety while minimizing waste for the Planet
- Digitization giving access to energy management
- · Enhanced process dependability
- Optimized maintenance service costs
- Spare parts availability to help your repairability program

Expert help from Schneider Electric

- Worldwide support with Schneider Electric's warranty
- Skilled installation and commissioning experts available locally
- Access to the expertise of a global leader in energy management solutions





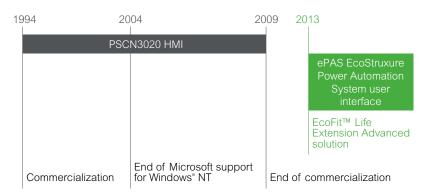
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PSCN3020 HMI with ePAS EcoStruxure Power Automation System user interface

Original brand: AREVA

EcoFit™ Life Extension Advanced for Electrical Distribution, a true extended life time PSCN3020





Main technical characteristics

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

ePAS EcoStruxure Power Automation System

Windows 10 IoT Enterprise LTSC 2021

Open to Ethernet IEC 61850 for all future extension and step by step replacement of bay controllers

Direct IEC 61850 configuration by import of SCD file for all new extensions

Hot redundancy seamless switchover

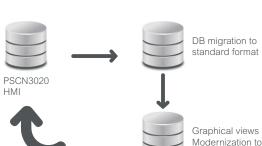
Handled dataflow up to $3000\,\mathrm{MV}$ archived/sec/server, once fully migrated to IEC 61850

Typical HMI migration steps by the manufacturer

Customer site

Schneider Electric site

EcoSUI HMI



What are the benefits?

- 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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