

ECOFIT™ for your Substation Automation

Seefox HMI [Schneider Electric]

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.

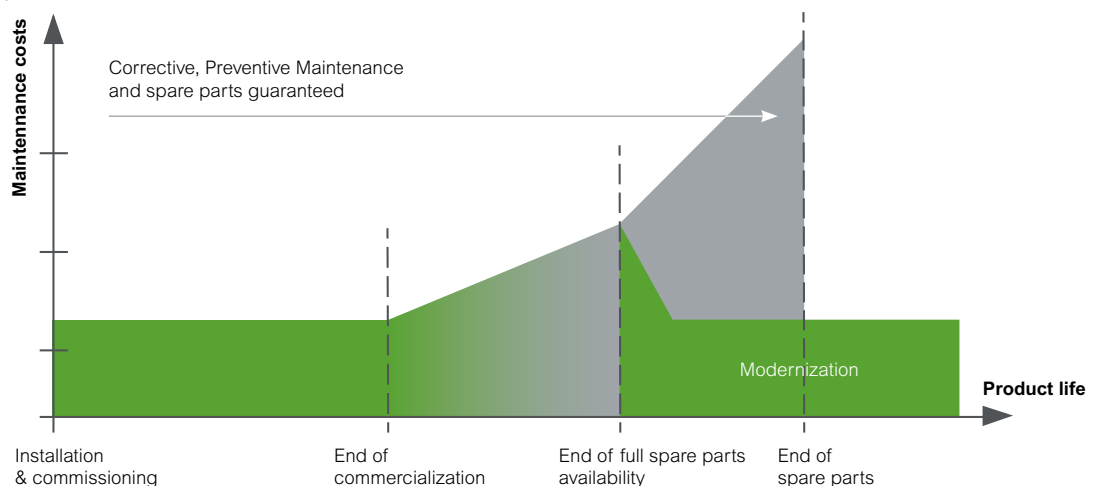
Reduce environmental impact

- 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



Seefox HMI with EcoStruxure Substation Operation user interface

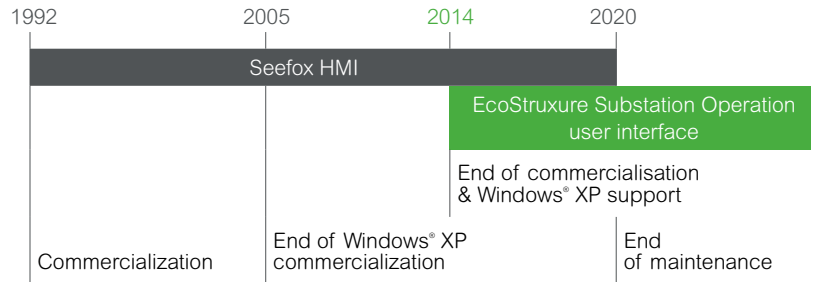
Original brand: Schneider Electric

ECOFIT™ proposal

EcoStruxure Substation Operation user interface



With ECOFIT™, a true extended life time



Main characteristics and performances

| Seefox HMI |
|---|
| Windows® XP or older |
| Based on third party HMI limited to Modbus TCP or Modbus + communication protocol |
| Configuration tools no more supported or with limited upgrade facilities |

| EcoStruxure Substation Operation user interface |
|---|
| Full Schneider Electric HMI and tools design operating on Windows® 10 |
| IEC 61850 native in modeling configuration and communication |
| Ready for all standard substation extension using IEC61850 standard |
| Compliant with substation cyber security requirements |

Customer site



Schneider Electric site



DB migration to standard format



Graphical views Modernization to ECOSUI HMI



What selecting an Ecofit solution?

- Fast implementing without substation shutdown
- Original HMI can remain in operation
- Cost effective solution providing advanced graphical interface features, enhanced performances
- Open to future extensions on IEC 61850 network
- Worldwide support for software, spare parts, substation extensions and maintenance contracts

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Life Is On

