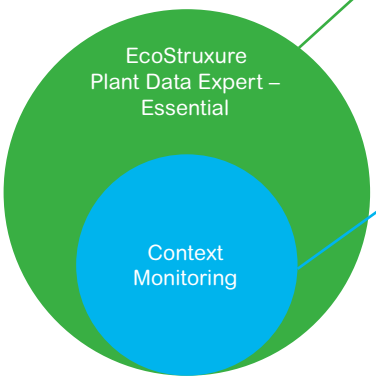


Process quality at hand with Edge connectivity

EcoStruxure™ Plant Data Expert – Essential



What is it?



The first level of EcoStruxure™ Plant Data Expert, where we facilitate end-to-end connectivity between Schneider Electric OT devices and Advisors, by using our tested, validated and supported Node-Red nodes on edge hardware.

Context Monitoring is one solution part of EcoStruxure Plant Data Expert – Essential. It addresses issues arising due to process or machine drifts implying product wastage and rework. It is a solution to monitor process parameters from upstream to downstream levels.

Typical gains with Context Monitoring

Increased quality rate	up to 7%
Reduced commissioning time	up to 80%
Reduced maintenance costs	up to 7%

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What does the “Context Monitoring” solution do?

COLLECT
Collect your key physical variables through wireless sensors

MONITOR
Monitor your data through cloud dashboards

ALERT
Alert operators if a quality or maintenance issue arises

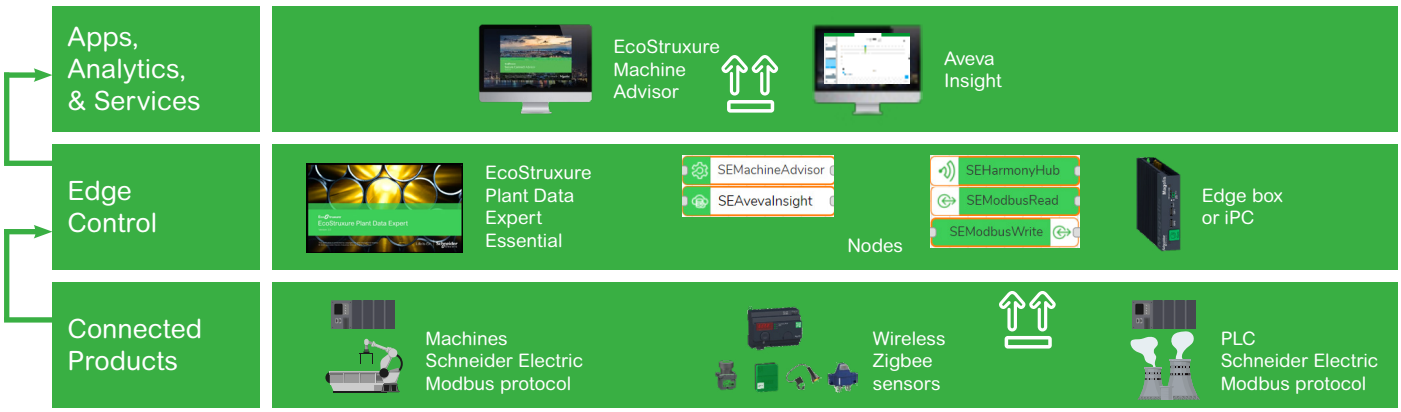
Why choose our solution?

1. Simplify your commissioning by using wireless sensors to collect crucial parameters
2. No need to be an IT expert to deploy our solution
3. Full cybersecurity granted by Schneider Electric cybersecurity experts
4. Integrate the solution easily with step-by-step validated solution guide
5. Benefit from global Schneider Electric support

What’s included in “Context Monitoring” solution?

It consists of Schneider Electric Node-Red nodes: Modbus, Harmony Hub, Aveva Insight, EcoStruxure™ Machine Advisor.

EcoStruxure™ Architecture



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