

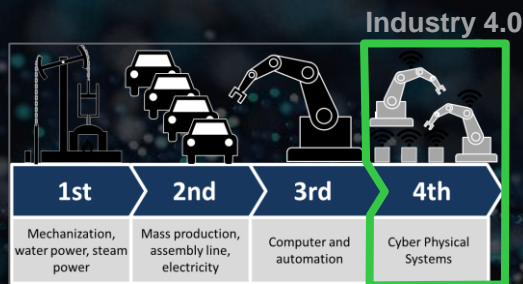


CONNECTED

EcoStruxure™ Asset Advisor

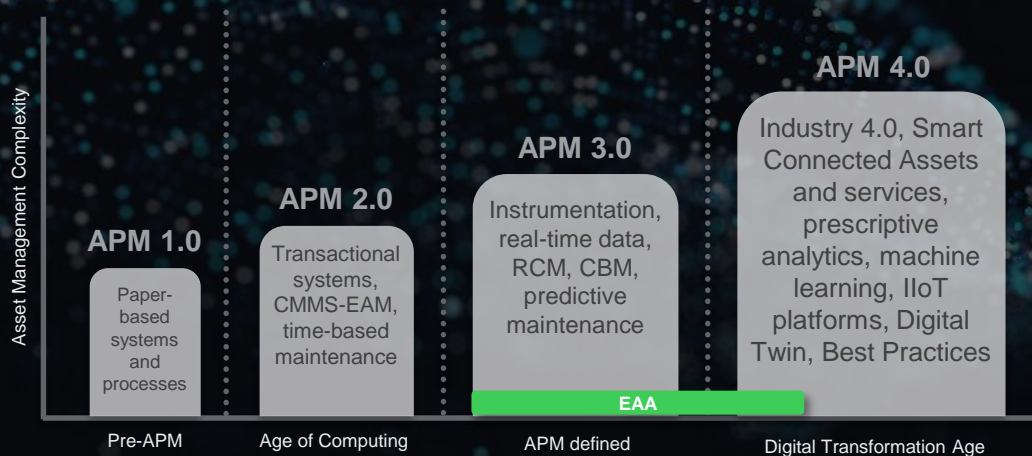
Schneider Electric Advanced Asset Management Services

Industry 4.0 Demands a New Approach to Asset Performance Management



- Cyber-physical Systems
- Internet-of-Things
- Cloud Computing

Industry 4.0 – Driving new insights and innovations for **Operational Excellence**



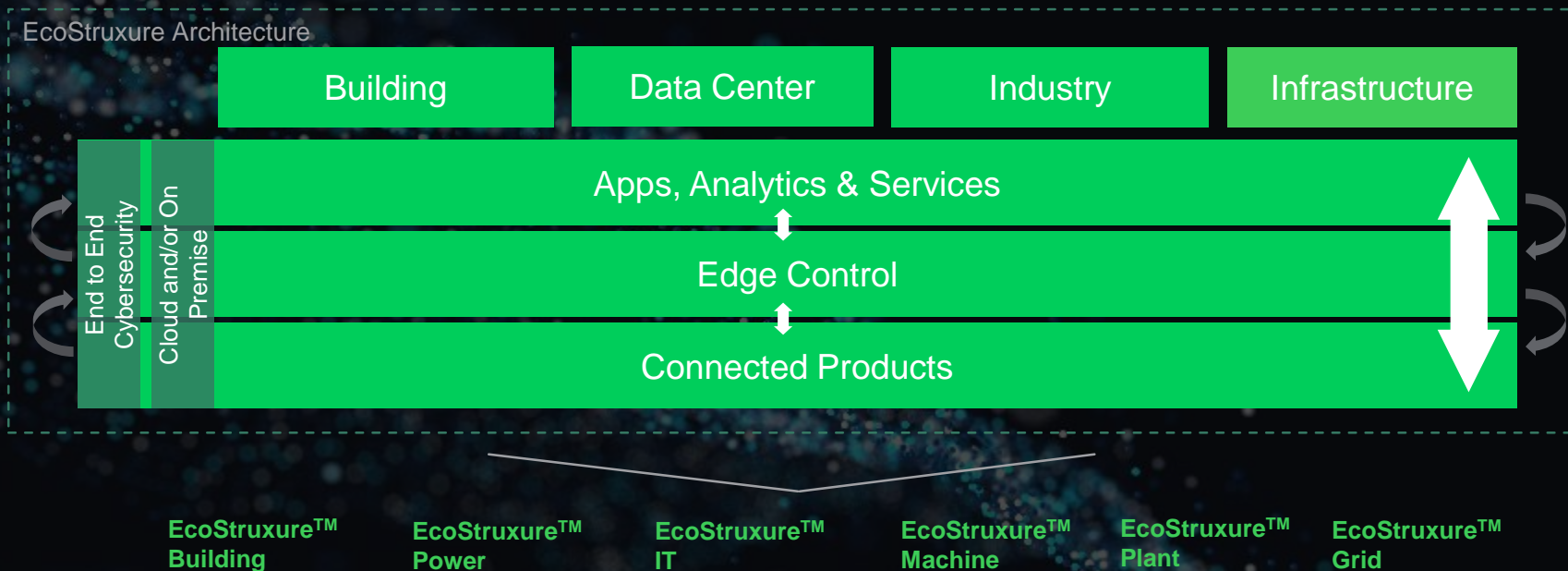
Asset Performance Management is a critical component of the strategy

APM 4.0

- Prescriptive analytics and machine learning
- Smart connected assets and services
- IIoT platforms
- Industry best practices
- Digital twin

Source: APM 4.0: Redefining Asset Lifecycle for Industry 4.0 Insresearch.com

One EcoStruxure™ architecture, serving 4 End Markets with 6 Domains of Expertise



The EcoStruxure™ Architecture maximizes the value of data

Translating data into actionable intelligence and better business decisions

EcoStruxure™ Asset Advisor

Transforms **data** from your
electrical distribution system ...



... through a **cloud-enabled
predictive analytics &
expertise** ...



... into **actionable insights** and
recommendation, from experienced
professionals, on managing &
maintaining equipment health.



Include your electrical system in your journey to Reliability Centered Maintenance (RCM)

REACTIVE



- React when failures happen
- No downtime prevention
- Frequent replacement of equipment
- Expensive urgent maintenance (Less negotiation levers, urgent intervention cost...)

PREVENTIVE



- Anticipate failures and mitigate risk, but it is uncertain and time consuming

CONDITION-BASED



- Prevent asset failure and reduce downtimes
- Protect staff
- Optimize maintenance scheduling
- Reduce maintenance costs

EcoStruxure Asset Advisor for Electrical Distribution

Cybersecure Cloud-based remote monitoring and risk assessment service with 2 different levels

Live Data
& Smart
Alarming



Dedicated Service
Bureau experts

PREVENTIVE

Continuous monitoring enabled by smart-alarming and remote support

PREDICTIVE

Risk assessment using advanced Analytics and dedicated expert in Service Bureau.



Customized
insights
reported



24/7
Service
Bureau



Web dashboard
& Mobile Apps

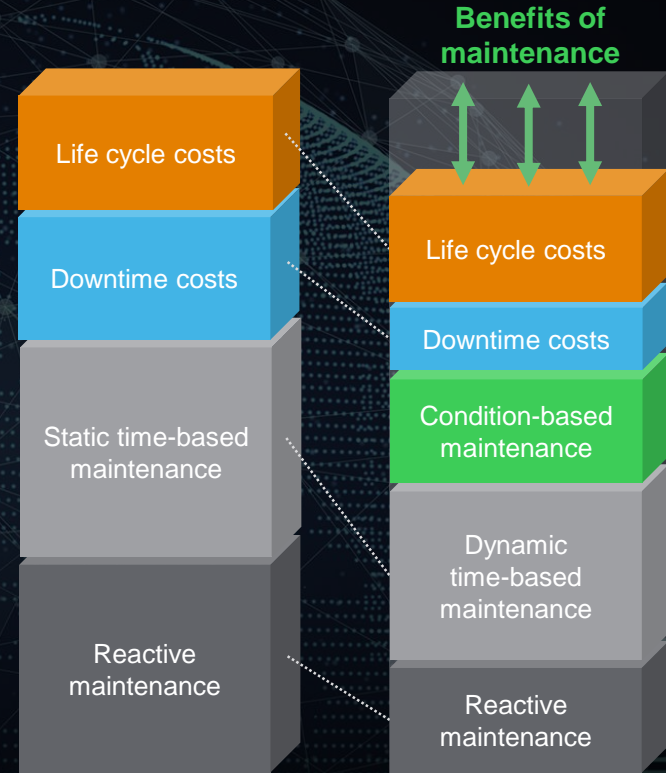


Condition Based
Maintenance &
predictive
analytics

Optimize the cost of asset management

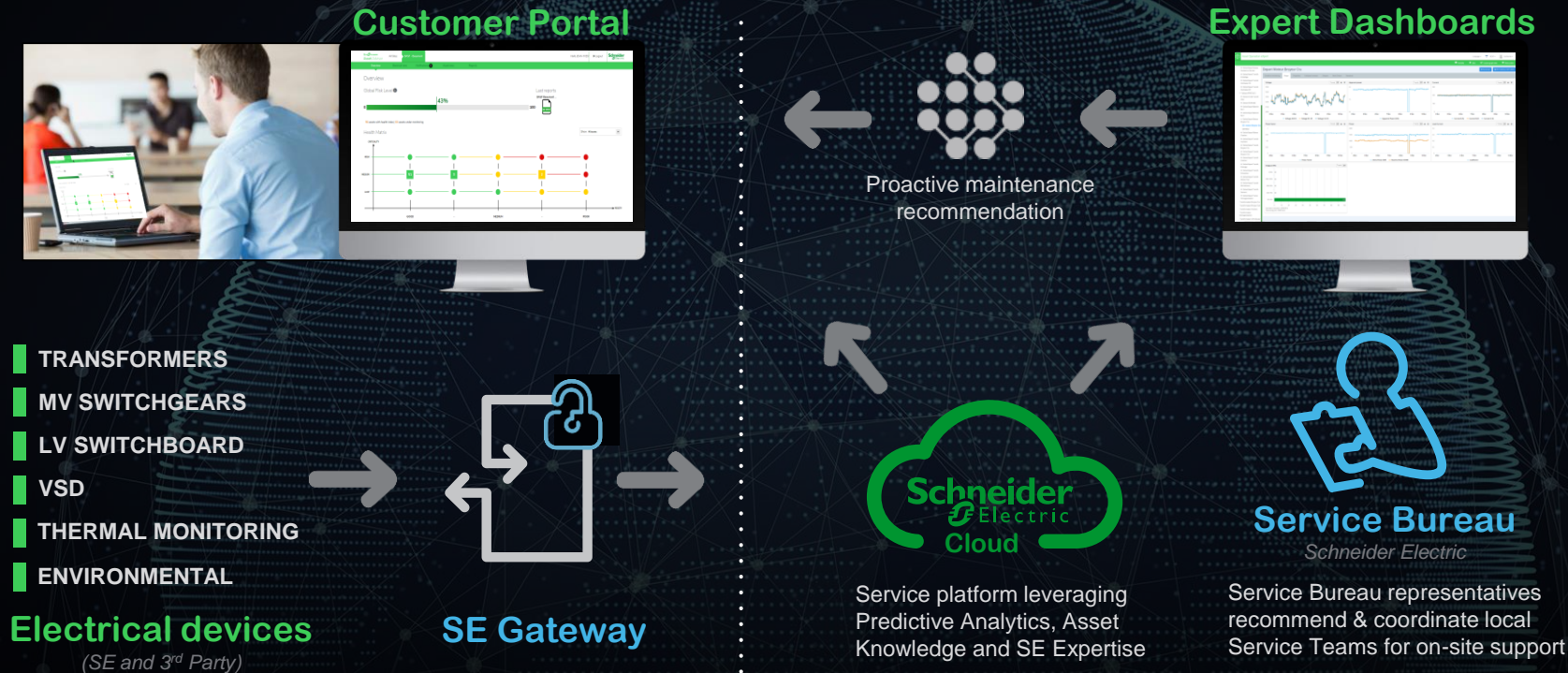
With EcoStruxure Asset Advisor, proactively identify and address issues inside electrical equipment to:

- Mitigate electrical failure risk
- Reduce downtime
- Optimize maintenance work.

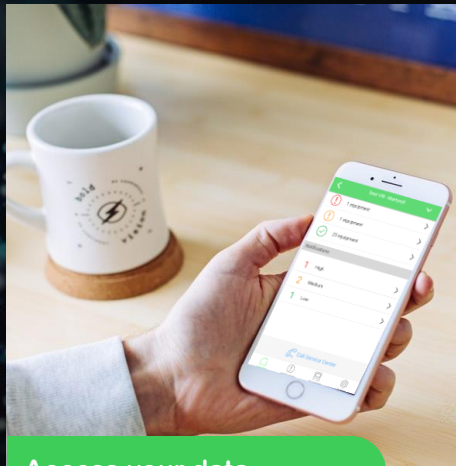


EcoStruxure™ Asset Advisor Predictive Customer Engagement

End-to-end service supported by **experts** and a platform that provide **actionable recommendations** and onsite support



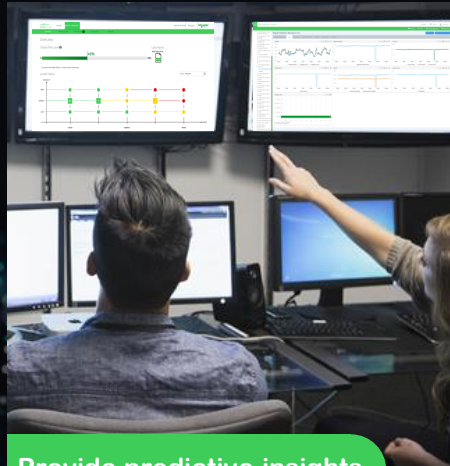
Getting starting with EcoStruxure Asset Advisor



Access your data

User-Friendly Dashboard & Mobile App

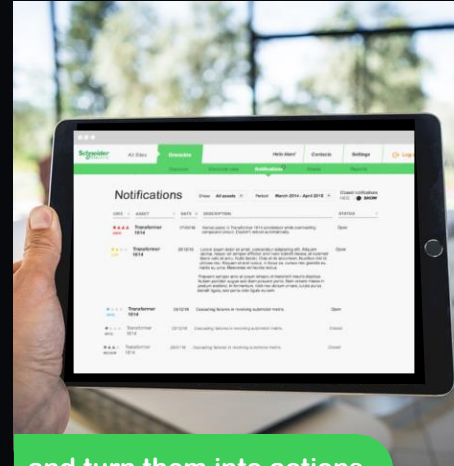
- Single view of multiple sites
- Historical data, patterns, trends, events
- Supported by advanced analytics
- Online access: Everywhere, Anytime



Provide predictive insights

Dedicated Service Advisors

- Continuous monitoring of my critical assets (Schneider ElectricTM & 3rd parties) to validate events, triggering work orders
- Periodic reports with optimization recommendations



and turn them into actions

Actionable notifications

- Warning of assets abnormal behaviors, risk of failure or change in settings
- Actionable work orders
- Maintenance execution (optional)

EcoStruxure™ Asset Advisor protect your infrastructure from cybersecurity risks

Customer network

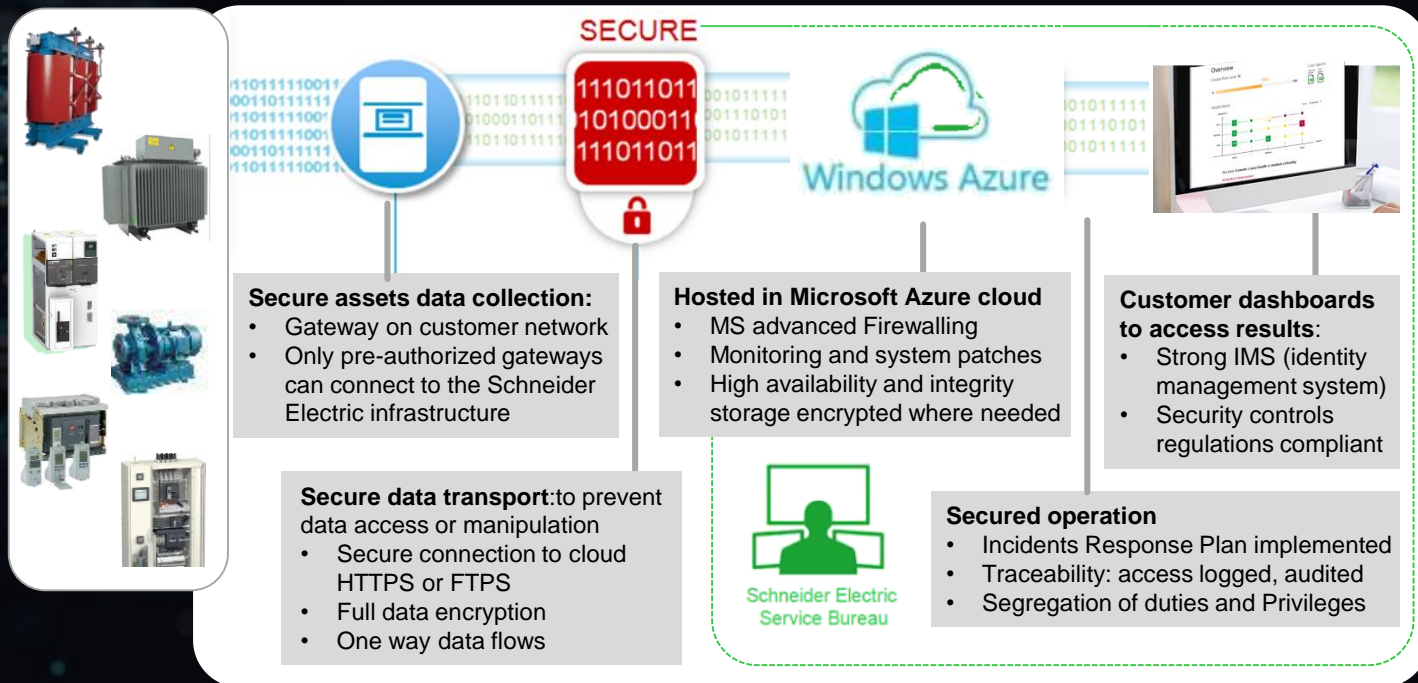
Schneider Electric gateway

Secure transport

Schneider Electric operates Digital Service Platform

Customer web dashboard

- Secured Infrastructure relies on state of the art technologies and security practices
- Secure by design following strictly Secure Development Lifecycle,.
- Secured operation following global Schneider Electric's policy and strong validation procedures
- Customer remain as data owner, and Schneider Electric follows latest EU Data Protection regulation



Discover the benefits

OPERATIONAL PERFORMANCE

- Lower unscheduled downtimes
- Increased asset useful life
- Reduce time to fix

SAFETY

Reduced personal risk through:

- Maintenance expertise continuity in high turnover environment
- Early warning of impending equipment failures



FINANCIAL EFFICIENCY

- Lower total cost of ownership
- Decreased failure cost
- Decreased average maintenance cost / asset

PEACE OF MIND

- New asset ecosystem insights
- Consistent experience across sites
- Right people at the right time

Strong presence in these segments with references cases

1. Oil & Gas
2. Healthcare
3. Consumer Packaged Good
4. Life Science
5. Mining, Minerals and Metals
6. Automotive
7. Cloud & Service Providers
8. Transportation



Life Is On



Schneider
Electric