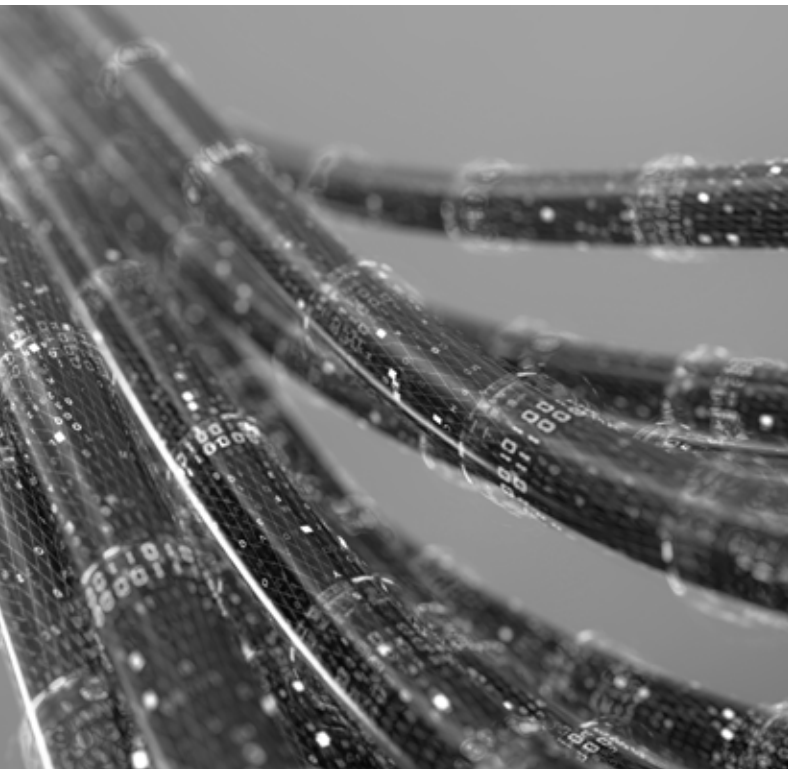




SIEMENS

Siemens Advanta

OPERATIONS & BUSINESS IMPACT WITH
CABLE ANALYTICS

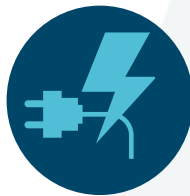


ACT INSTEAD OF REACT

Analyzing cables based on data already available - using sophisticated data analytics and Machine Learning (ML) algorithms - to reduce cable outages by a factor of up to 10. This lowers maintenance and repair costs and can increase asset lifetime by more than 10 years. As a result, our customers can shift their investments away from regular inspections and scheduled maintenance, focusing instead only on the repair and replacement efforts of cables and other underground assets that have a high likelihood of failure.



**Manage assets
more efficiently**



**Reduce risk of cable
failure & enhanced
safety**



**Optimize
investments**

CABLE FAILURE IS CAUSED BY ...

- Cable overloads
- Moisture in insulation material
- Environmental influences e.g. ground water, landslides
- Wildlife nesting in or gnawing through lines
- Construction work or repair activities

... which can lead to power outages, leading to high costs.

USE YOUR DATA!

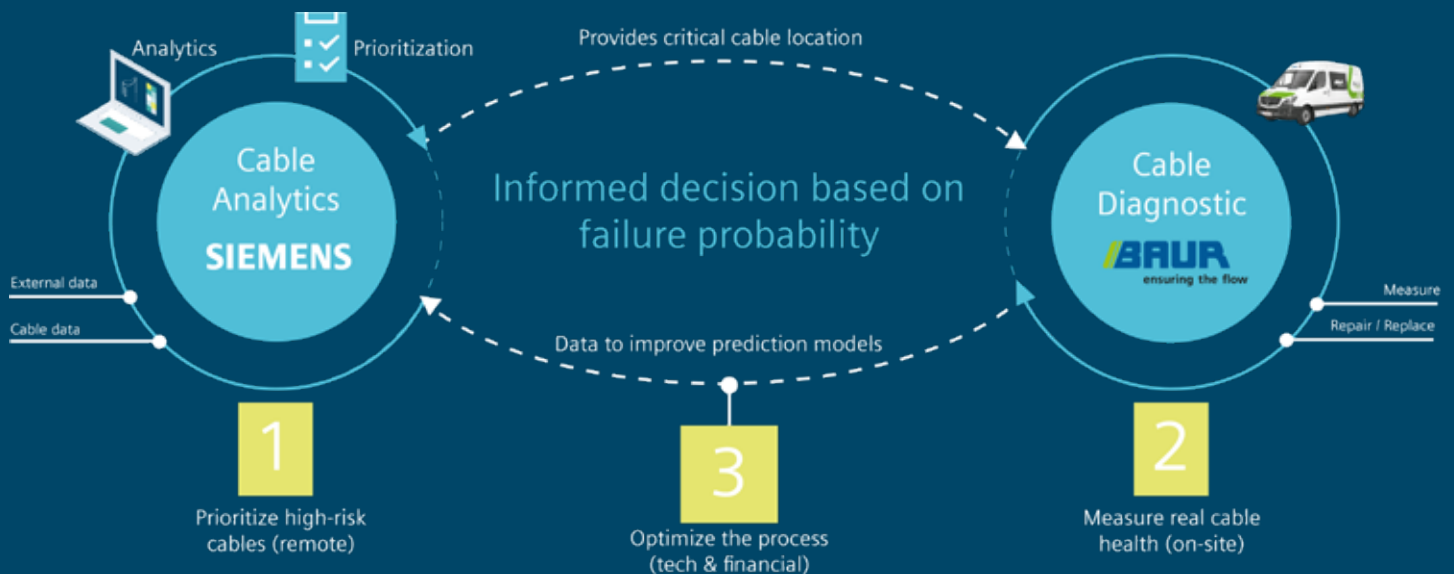
You don't know what quality your data has? Are you missing data sources or integration?

Our statistical approach can overcome these obstacles, enriching Bad Data with available proxy data. This makes it possible to identify and realize added value as well as integrate external GIS open-data e.g. climate, weather, environmental events for an improved ML model.

So why not unlock the full potential of your cables?

**Reducing cable
outages up to
a factor of
10**

COMBINING CABLE ANALYTICS AND CABLE DIAGNOSTICS...



...FOR YOUR BENEFIT

- Innovate customized business models around prescriptive maintenance
- Solution workshop
- Consult on your digital transformation journey
- Design best in class solutions tailored to your needs
- Provide access to our ecosystem
- Close collaboration with your and our industry partners
- Qualify third-party vendors
- Optimize risk, TOTEX, and WFM according to your targets
- Support Change Management along the whole journey
- Integrate advanced AI models with your IT- and OT-systems
- Data-driven analytics including your expert's knowledge
- Implement on-premise, hybrid, or cloud solutions



Transparency on
your assets!



Improved
safety



Status
transparency



Prescriptive
maintenance



Inspection
support



Control



Smart
investment



Instant
alarms

Why Siemens Advanta?

- We provide a unique combination of IT / OT competence, digital transformation experience, as well as extensive domain know-how in power utilities and smart city domains
- +70 customers served across 15 countries
- Named a Leader in *IDC MarketScape: EMEA Service Providers for Digital Grid Enablement 2019 Vendor Assessment & IDC MarketScape: North American Distributed Energy Resource Management Systems Strategic Consultants and System Integrators 2020 Vendor Assessment*

Get in touch

Leverage our capabilities, infrastructure and domain expertise to obtain the technology solutions you need to integrate the digital transformation and remain competitive and proactive.

Business request:
advanta@siemens.com

About Siemens Advanta

We provide end-to-end IoT solutions and create your unique digital journey - from consulting to design and implementation.

Offering unmatched industrial DNA paired with strong IoT experience to drive sustainable growth in a digital world, we support you globally to successfully re-invent your business.

For more, visit www.siemens-advanta.com