

A man and a woman, both in business attire, are standing in a large industrial facility, likely a power plant. The man is pointing at a tablet held by the woman. They are looking at the screen with interest. The background shows complex industrial machinery and structures, with a green tint overlaying the lower portion of the image.

Do you need to add or optimize IIoT connectivity in your power system?

MPS Connect Assessment from Schneider Electric™

Modernization - Performance - Safety (MPS)

The Industrial Internet of Things (IIoT) is revolutionizing power systems, but system owners and operators don't always have the resources for IIoT connectivity projects. The MPS Connect Assessment empowers teams to solve this dilemma by providing unique insights, guidance and assistance from the Schneider Electric Power System Engineering team.

The MPS Connect Assessment is a lite, non-intrusive assessment of critical electrical equipment that helps your assets reach digital connectivity and provides access to the Schneider Electric EcoStruxure™ platform.

3-step process

1. Identify electrical assets that critically impact facility reliability and safety.
2. Develop an overall connectivity roadmap to system visibility.
3. Prioritize system modifications to support critical connectivity.

High-potential use cases for IoT investment:

- Environmental monitoring
- Renewable plants supervision
- Smart metering
- Operator productivity
- Staff workload management
- Reduction of non-technical losses

Source: Capgemini. (March 2018). [Unlocking the business value of IoT in operations](#) [PDF file].

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What happens during the assessment?

A Schneider Electric Power System Engineer (PSE) meets with you to understand your digitization objectives and identifies critical electrical assets. Upon identification, the Schneider Electric PSE reviews existing communication infrastructure and cybersecurity setup, and then develops a plan for digital connectivity.

An assessment report will be presented that includes:

- Conceptual drawing for connectivity
- Connectivity recommendations for identified critical assets
- Recommendations for connectivity and implementation to EcoStruxure Asset Advisor
- Equipment modernization recommendations that enable digitization of existing assets
- Budgetary estimates for connectivity and modernization recommendations

In addition to the Assessment, the PSE can serve as an advisor and system architect to help execute solutions to upgrade and connect via modern technology.



Path to connectivity

Assessment	Power System Engineer identifies critical assets and develops connectivity plan.
Design	Power System Engineering Team creates detailed design to modify existing electrical and communication infrastructure to achieve digital connectivity.
Install	Schneider Electric's Services team completes the modifications as recommended by the Power System Engineer.

Why schedule an MPS Connect Assessment? You will be establishing a baseline for critical asset monitoring, as well as a roadmap for critical asset digitization, monitoring, and predictive analytics.

Find out more on how we can address your specific needs with an MPS Connect Assessment:
Call 888-778-2733 or visit www.schneider-electric.us/engineering-services.

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