



Cyber Security
- in the energy sector

Are you ready for NERC CIP?



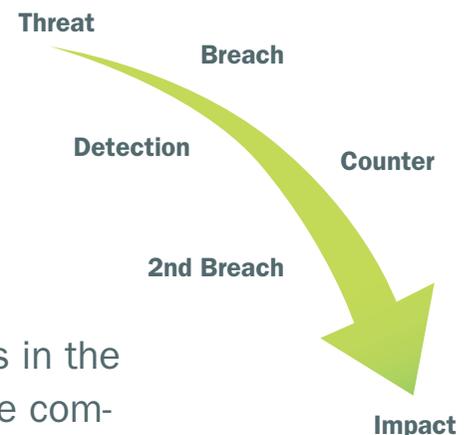
At Actua we know how to turn real time problems into optimised solutions balancing the need of complying with NERC CIP and your specific needs of having a manageable system. And we have the competences and the knowledge to proactively help you stay on top of your cyber security and NERC compliance.

Green energy is rapidly moving towards a scenario where everything is about connectivity in cyberspace. This opens up new business possibilities but also new security challenges.

With the introduction of NERC, priority on cyber security and critical infrastructure protection is increasingly a *top of mind* issue for companies in the energy sector. But in order to meet these standards you need extensive technical knowledge of your systems' infrastructure, data flow and vulnerability.

At Actua we constantly strive to help companies in the energy sector raise their cyber security level. We combine our cyber security expertise with our experience of cyber security threats in the energy sector. This enables us to assist you in your efforts to secure your data and infrastructure and e.g. comply with NERC CIP. Your business is secure with us!

Solutions



www.actua.dk



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How we work:

At Actua we are aware that the requirements for safeguarding energy installations and grid units against cyber attacks are rising in the EU and USA.

With our expertise, we cooperate with your business demands to create solutions that reinforce your communication and security features. You will achieve an optimal solution by thinking security into the system design.

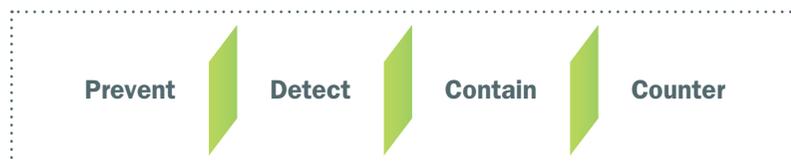
We offer:

- Consultancy services on the quality of new products.
- Development and implementation of products that meet NERC requirements and at the same time are easy to manage on a daily basis.

Actua operates as your partner in the process of securing your energy network making knowledge sharing possible on a higher level. We also guarantee easy administration and maintenance of your cyber security level.

Advantages of Cyber Security:

At Actua we make secure and resilient solutions on the basis of the following process:



When you cyber secure your energy network at multiple levels, you enable detection and intelligent counter measures before impact. That allows your company to safely move faster every day!

Within smart grids we make it possible to share state and control information, while each entity still maintains separate control over its own resources.

Contact:

Please contact us for more information:

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Reference:

Actua has developed security solutions for major turbine manufacturers and for the Danish TSO (Energinet.dk). We understand the entire value chain from its start at a mathematical level to its end at the operational level of the end-user.

Via Energinet.dk Actua have been involved with research activities in the SECOND1 project. We showed that cooperation can be done both securely and with minimal administrative effort and tied directly into your existing administration. The purpose of the SECOND1 project was to secure full control of distributed energy resources. It was during this project that we also contributed to further development of one important security standard, the IEC-6235, and we are able to contribute further.

At Actua we would like to engage European partners in demonstrating of the SECOND1 architecture targeting standard adaptation.

Read more at www.second1.dk

www.actua.dk