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**Leveraging Secure
Remote Access for
Protection Controls**

An aerial photograph of a large hurricane or tropical storm over the ocean. The storm features a well-defined eye in the center, surrounded by dense, swirling cloud bands. The surrounding ocean surface shows some texture and smaller wave patterns.

June 1st marks the official start of hurricane season in the United States. According to NOAA, the US has experienced 285 total weather/climate disasters that each resulted in \$1 billion plus in damage since 1980.

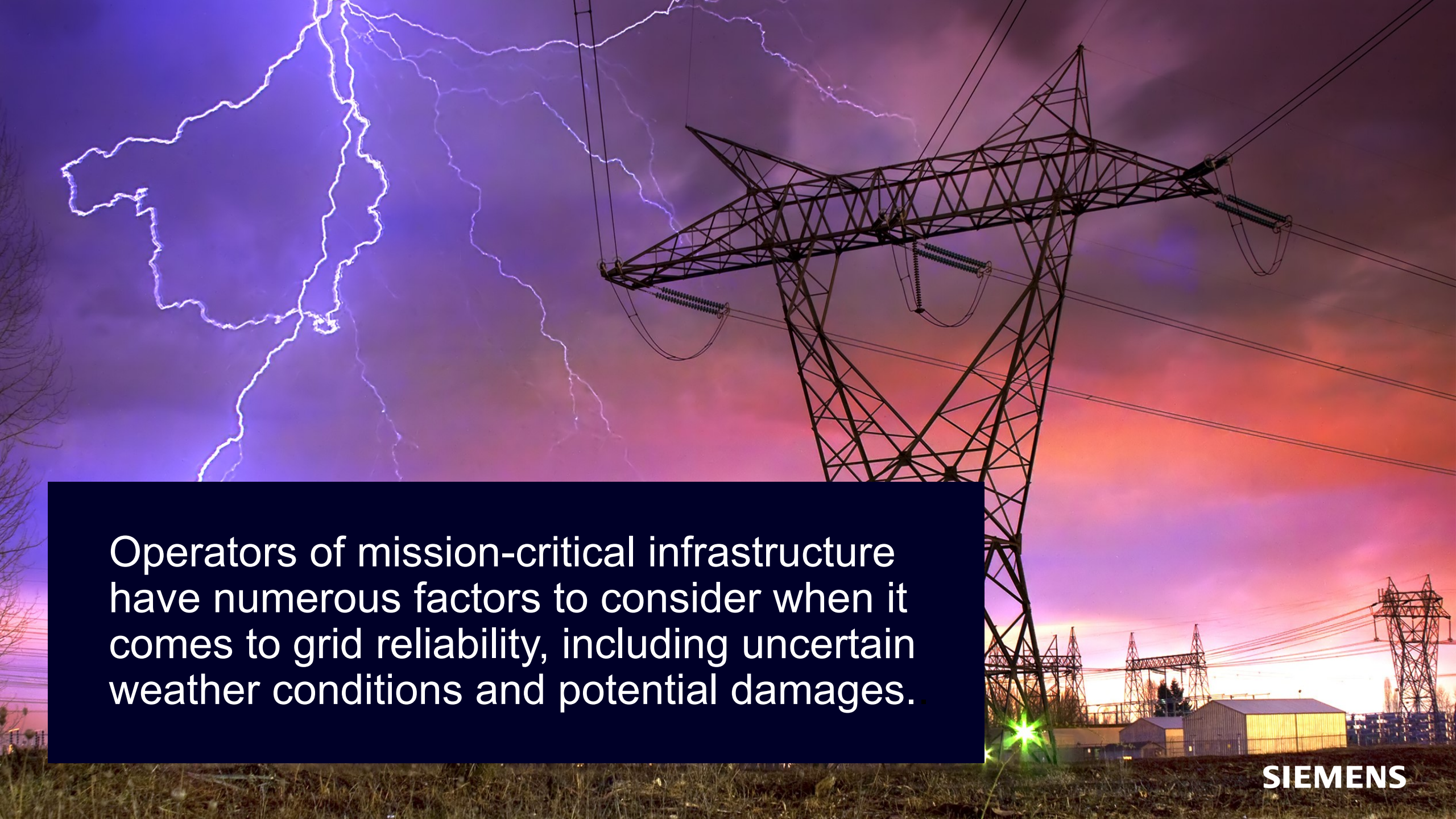
Cumulatively, total damage costs thus far have exceeded \$1.8 trillion and counting. And since 2015, there have been ten \$1+ billion weather related disasters every year.





2021 is shaping up to be another challenging year for utilities. The massive failure of the power grid in Texas during the debilitating February snowstorm and deep freeze brought that unfortunate reality front and center.

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Operators of mission-critical infrastructure have numerous factors to consider when it comes to grid reliability, including uncertain weather conditions and potential damages.

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Whether you're preparing for a wildfire, blizzard, tornado, Hurricane and/or flood, keeping your team and critical networks safe and secure is job #1.



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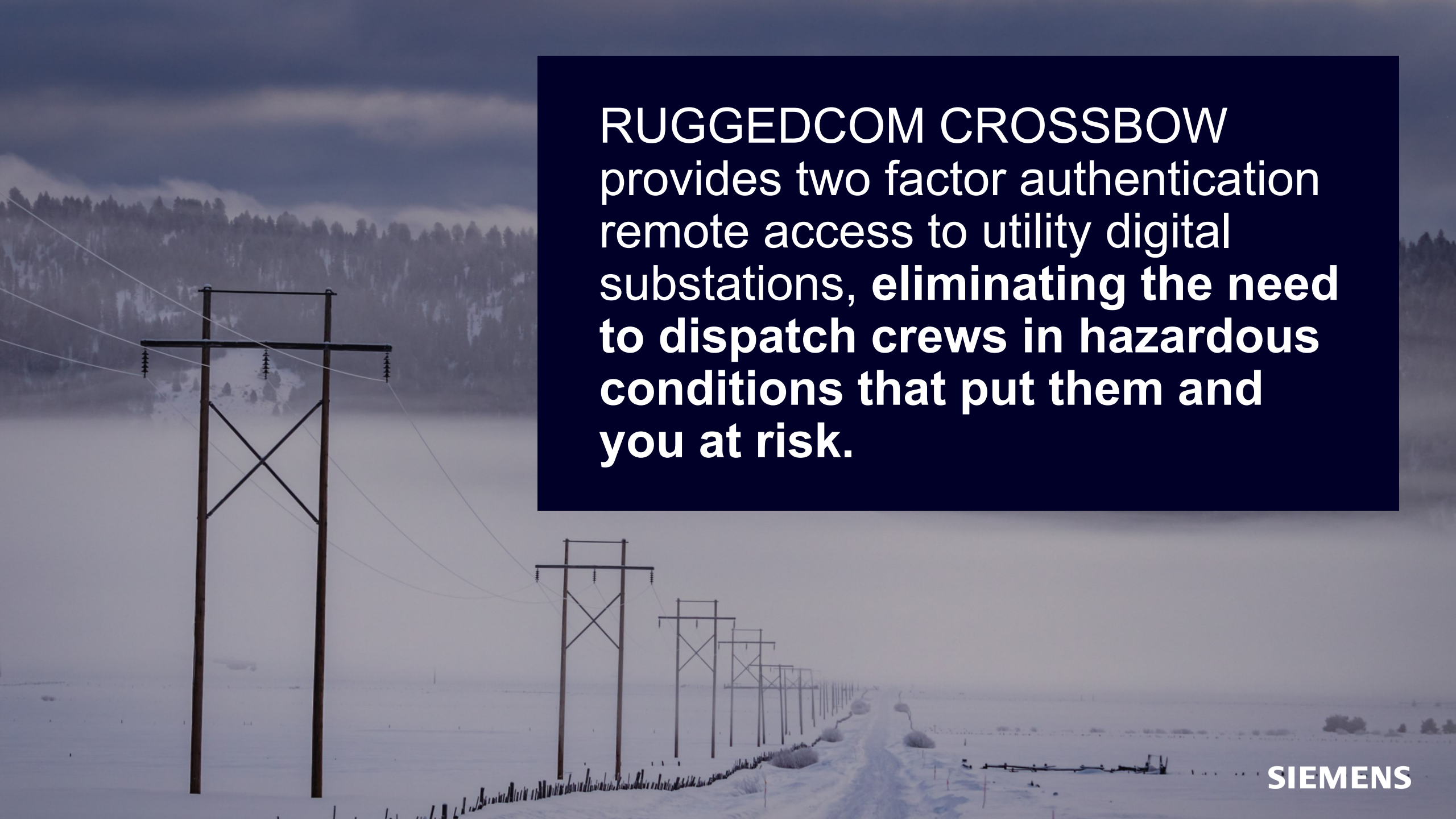
And in every crisis, every second counts and all resources must be marshaled and used wisely. **The Siemens RUGGEDCOM family of products and service solutions can help.**

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RUGGEDCOM CROSSBOW
is our proven **Secure Access**
Management solution designed
to help provide NERC CIP
compliant access to Intelligent
Electronic Devices.


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RUGGEDCOM CROSSBOW
provides two factor authentication
remote access to utility digital
substations, **eliminating the need
to dispatch crews in hazardous
conditions that put them and
you at risk.**

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A group of professionals in a meeting. In the foreground, a woman with short, curly grey hair is looking towards the left. Behind her, a man with glasses and a beard is also looking in the same direction. To the left, another man is writing on a whiteboard with a marker. The whiteboard has some handwritten notes and diagrams. The background is slightly blurred, showing other people in the room.

When disasters occur, there are invariably intense post-mortem reviews to inspect every aspect of how the event and response was managed.

A professional office setting where a group of people are gathered around a large digital display. In the foreground, a man with a beard and dark hair, wearing a dark blue shirt, is pointing at the screen with a pen. He has a focused expression. Behind him, another man with a beard and glasses, wearing a light-colored shirt, is also looking at the screen. In the background, a woman is partially visible. The screen displays a complex data visualization, possibly a line graph or a dashboard with multiple charts. The overall atmosphere is one of collaborative work and data analysis.

RUGGEDCOM CROSSBOW delivers highly customizable reporting capabilities that utility operators can generate to address department-specific and regulatory requirements.

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RUGGEDCOM CROSSBOW reporting examples include:

- Inventory Reports
- Activity Reports
- Asset Information Reporting
- User Access Reporting

Overall, RUGGEDCOM
CROSSBOW helps to deliver
vitally important speed, cost
and operational efficiencies
for OPEX savings to critical
infrastructure every day.



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Because rugged is more than our name.

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