



GE Digital

It's time to take a closer look at Low Voltage Network Management

Low voltage networks are notorious for being difficult to visualize, yet they can have a significant impact your grid. Challenges are particularly prevalent in regions with extensive LV networks such as Europe, Africa and Asia. The increase of objects like battery storage and solar with surplus production has increased the probability of outages and overall network variability. As a component of GE Digital's Advanced Distribution Management Solution, Low Voltage Management enables distribution operators to gain visibility and control of this previously hidden part of your network.

GE Digital's Low Voltage Management Low voltage. High Impact.



Improved Situational Awareness

Increase visibility of the real-time operational state of LV networks for central and remote operators.



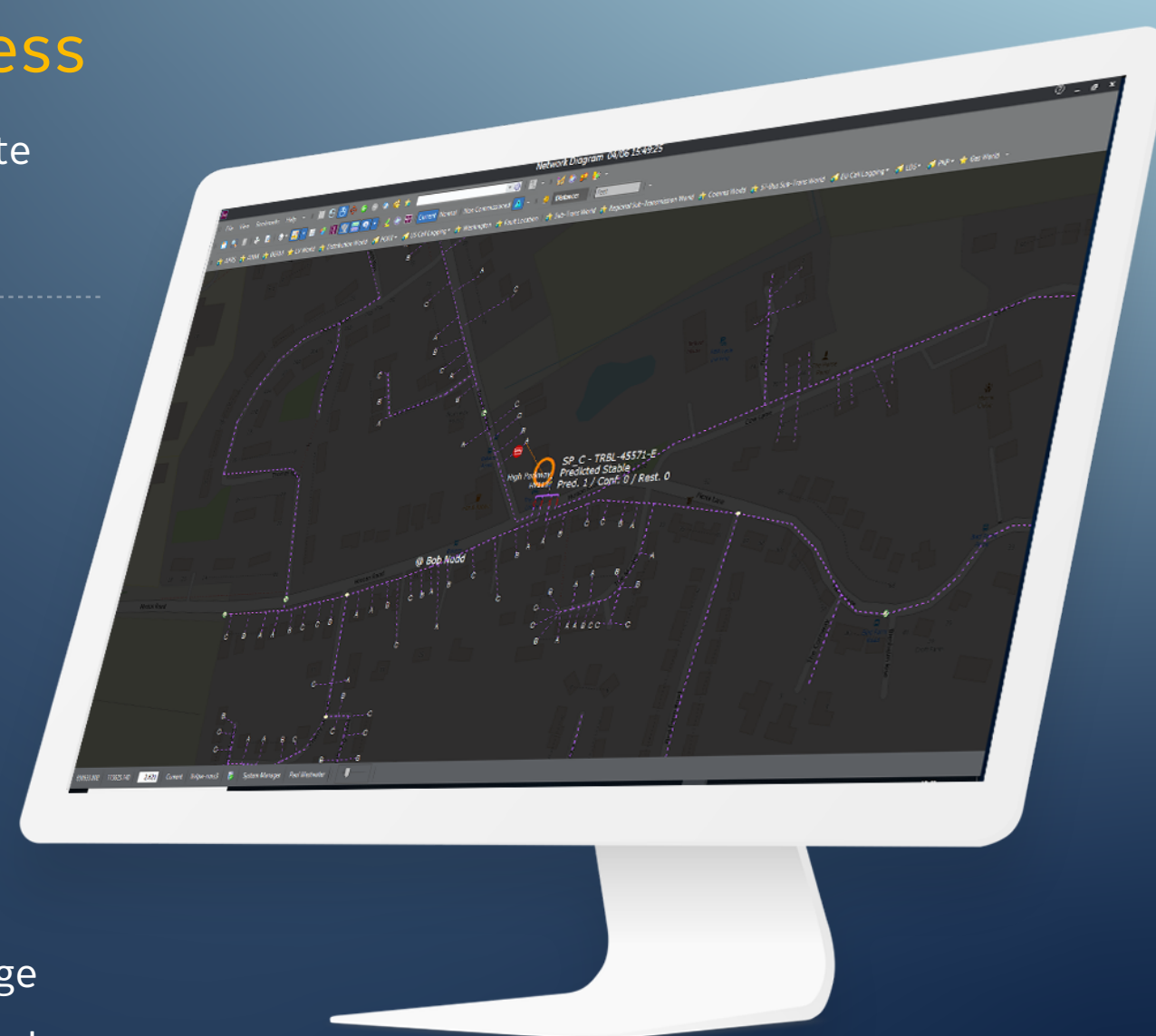
Empower Field Crews

To access to power flow analysis, ping network devices and conduct network tracing plans to improve low voltage visibility and enable more efficient field operations.



Enhance Decentralization

Of LV control by automating dispatch of low voltage outages with no control room operator involvement.

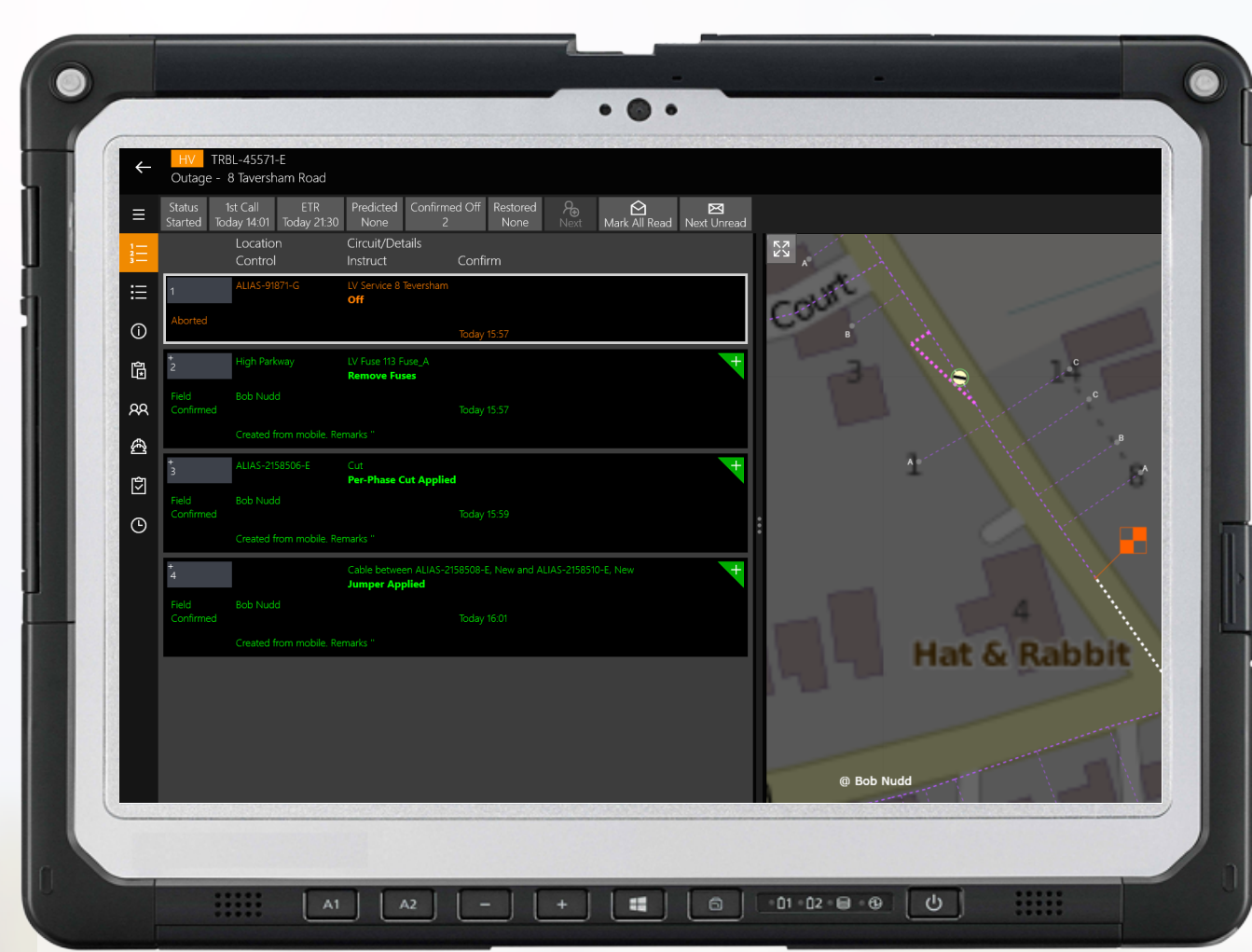


10x

Distribution LV (secondary) networks can be up to 10x larger in terms of assets than higher voltage networks.

Get a Clear View of the Low Voltage Network

Spatial and connectivity awareness across voltages



- Increase visibility of the real-time operational state for central and remote operators.
- Enhance de-centralization control by automating dispatch of LV outages with no operator involvement.
- Maintain quality of service to end-consumers while driving down costs.
- Improve field mobility of utility personnel.
- Improve field crew safety, in the face of potential hazards from non-isolated power sources under fault conditions.
- Rapidly detect power outages and power disturbances, facilitating quick restoration and minimizing interruption time for consumers.

Understanding & Leveraging DERs

Improved power outage and quality data enabling better management and control of LV-connected DERs

Collaborative Control

Empower the field and control room to collaborate across the low voltage network



Making Your LV Network Visible & Actionable

Full operational visualization and status of LV network and enabling operation of smart network devices.

Your Network in Your Pocket

Latest operational and status updates empower informed field crew decisions via connected mobile devices.

Automatic Outage Dispatch to Mobile

Automating the operations that need to take place at LV, thus resulting in less manual work. Automating processes so it is not as big a burden to actively manage their LV.

See what GE Digital can do for your utility



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Find Out More

