

The Itron logo is located in the top left corner. It consists of the word "Itron" in a white, sans-serif font, with a yellow lightning bolt icon positioned above the letter 'o'. The logo is set against a red rectangular background.

Itron

A white utility truck with a large white bucket is parked on a grassy area. The bucket is extended high into the air, reaching towards a utility pole with power lines. The truck has a white cab and a white utility box on the back. The background shows a blue sky with white clouds and green trees.

Distributed Intelligence Safety Bundle

Itron's new distributed intelligence (DI) safety bundle brings together two DI applications that support your key use cases—High Impedance Detection and Residential Neutral Fault Detection. This bundle focuses on the safety of your employees and your customers.



High Impedance Detection is the detection and identification of high impedance connections or “hot spots” anywhere in the low voltage (LV) distribution network. These can occur at any connection point in the LV distribution network, including at the meter and socket, and result in voltage complaints, connection failures and even fire in some cases. High Impedance Detection provides highly accurate, near-real-time monitoring that helps:

- » Ensure repairs are completed when needed, and before problems become more expensive and potentially dangerous
- » Deliver accurate identification of high impedance locations
- » Improve the level of confidence in high impedance event reporting
- » Enhance customer safety
- » Improve business operations



Residential Neutral Fault Detection proactively detects broken neutral and poor ground conditions as they are developing on the customer side of the transformer so that potential safety problems can be identified and corrected as quickly as possible. Residential Neutral Fault Detection can:

- » Detect faults before they become a larger safety and/or voltage problem, thereby avoiding laborious visual inspections and local testing
- » Reduce resolution time and lower costs by pinpointing the exact problem
- » Avoid customer equipment damage
- » Improve customer and employee safety while enhancing customer service via proactive identification and local action capability (disconnect)



Itron's distributed intelligence safety bundle brings peace of mind to your customers knowing that you are providing them with safe, reliable power. The safety bundle also provides you with a significant return on your investment by accurately locating system faults and reducing the cost of finding and fixing those faults.

To learn more, [contact us](#).

Join us in creating a more **resourceful world**.
To learn more visit itron.com

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