



Advanced Temperature Monitoring

Distributed Intelligence

Identify potential meter jaw problems before they create a safety hazard or cause an unplanned outage

Meter temperature threshold alarms are commonplace with AMI. While useful, simple temperature threshold alarms can frequently result in false positives or missed temperature-related problems. This results in unanticipated costs, either in acting on false alarms or missing issues in the field.

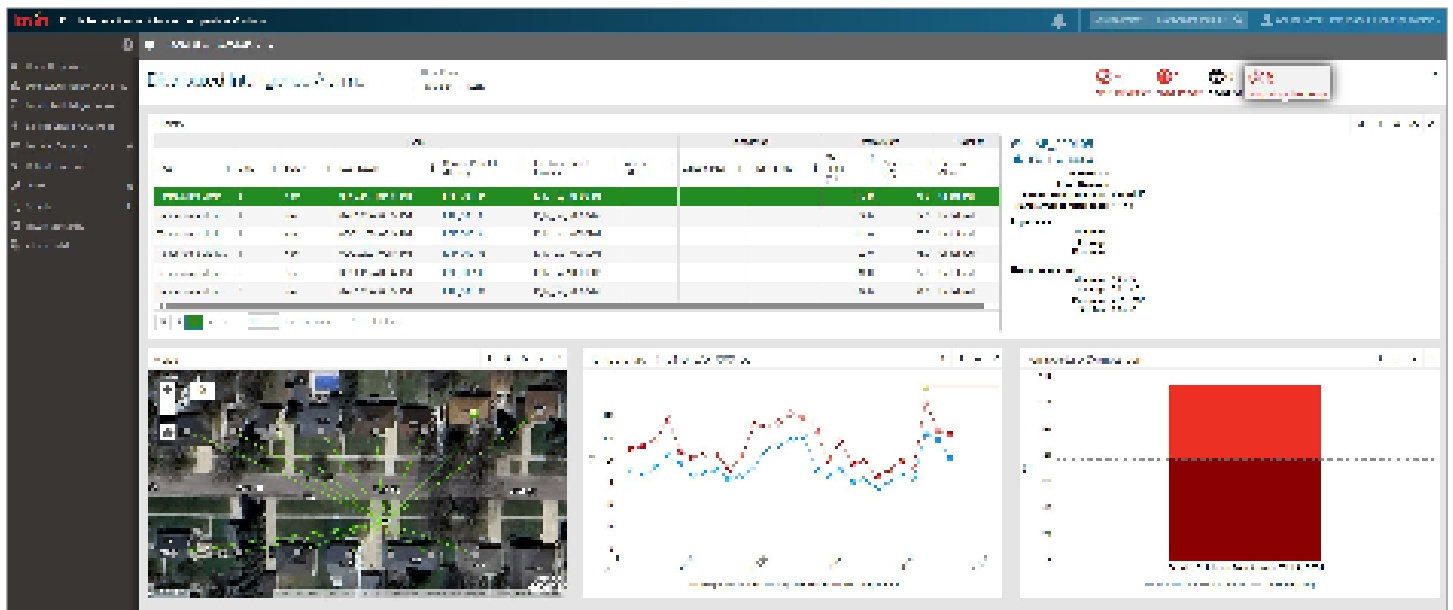
With Itron's Advanced Temperature Monitoring distributed intelligence application, your utility distribution engineers can find potential meter jaw problems *before* they create a safety hazard or cause an unplanned outage. By using temperature readings from the meter correlated with load, weather, meter location, meter orientation and radio usage (all of which generate heat), Advanced Temperature Monitoring can accurately predict meter jaw problems, micro-arcing and other potential safety issues with customers' meter sockets. This method is also significantly more accurate than using meter temperature threshold alarms generated in the meter.

By distributing Advanced Temperature Monitoring on a wide scale in your distribution network, you can significantly reduce network traffic to events that are relevant and need attention. Additionally, you can lower your O&M costs in a proactive manner instead reacting to a safety or outage event.

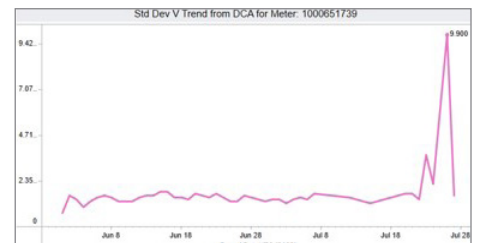
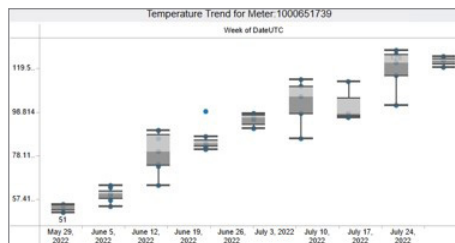
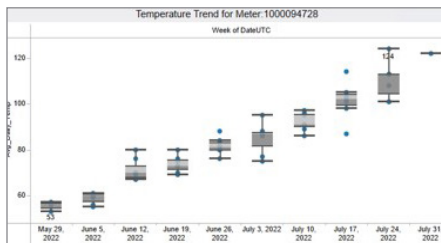


With Advanced Temperature Monitoring, you can reduce your unplanned outage times, lower your O&M costs, increase safety for your customers and your personnel, and make high-temperature alarms relevant to your grid's reliability and safety.

Using Advanced Temperature Monitoring's reporting capabilities charts displays temperature trends for at-risk meters...



Advanced Temperature Monitoring user interface summary page



Meter Temperature Charts

...which become the meter safety issues below.



To learn more visit itron.com

We create a more resourceful world

While Itron strives to make the content of its marketing materials as timely and accurate as possible, Itron makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of, and expressly disclaims liability for errors and omissions in, such materials. No warranty of any kind, implied, expressed, or statutory, including but not limited to the warranties of non-infringement of third party rights, title, merchantability, and fitness for a particular purpose, is given with respect to the content of these marketing materials. © Copyright 2025 Itron. All rights reserved. 101997BR-03 2.25



2111 North Molter Road
Liberty Lake, WA 99019 USA