



CASE STUDY

Veolia Kendall Station deployed TAGUP at their 256 MW cogeneration plant. The platform helped the plant avoid downtime, saving \$104,000 during a single outage.¹

THE OBJECTIVE

The plant's transformers received a bi-annual inspection, but there was no centralized system to monitor the health of these critical assets. TAGUP was deployed to monitor real-time operational data and track pertinent maintenance actions.

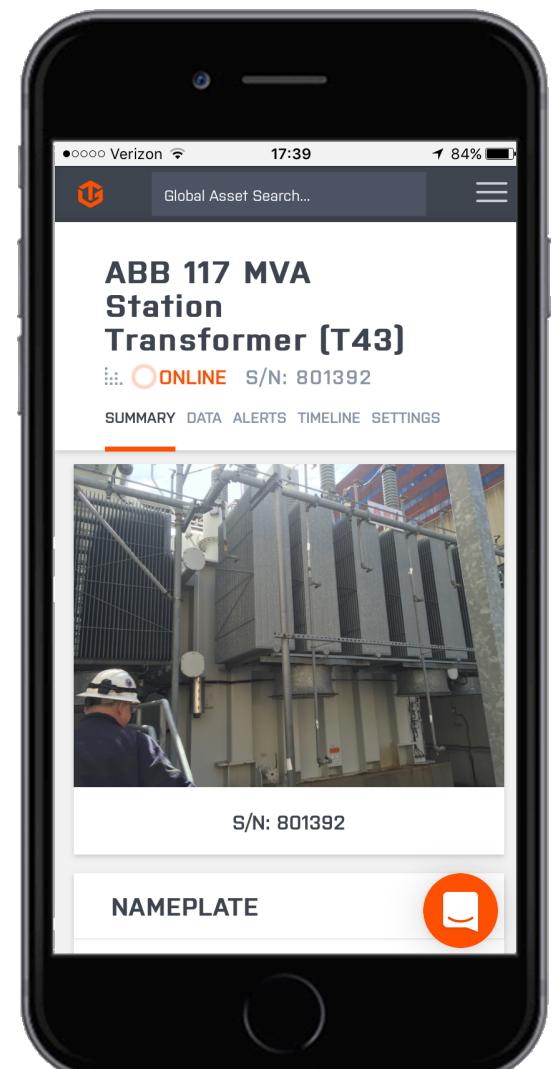
THE SOLUTION

TAGUP is an Industrial Internet of Things platform to remotely monitor industrial controls data, maintenance records, and other relevant equipment information.

- TAGUP integrated with online dissolved gas sensors (DGA) to report real-time transformer dissolved hydrogen, temperature, and moisture
- Secure cellular connection enabled a “plug and play” deployment time of only thirty minutes

KEY OUTCOMES

- A fault on the transmission network caused the transformer to trip offline. Using TAGUP, the plant team confirmed the trip was due to an external issue
- The data and insights provided by TAGUP allowed the team to re-energize the transformer quickly, avoiding more extensive downtime, inspection, and laboratory tests



1. Based on estimate by the plant team. TAGUP monitoring avoided the need for a detailed inspection and associated downtime.



“TAGUP gave us the confidence to re-energize a key transformer immediately after a trip. Through the web app, we could see the transformer’s health in real-time.”

- Peter Stock
VP Utility Reliability, Veolia N.A.

MANAGE EQUIPMENT AT ANY SCALE

Manage one key asset or a whole fleet? TAGUP scales easily to handle your maintenance and equipment monitoring needs.

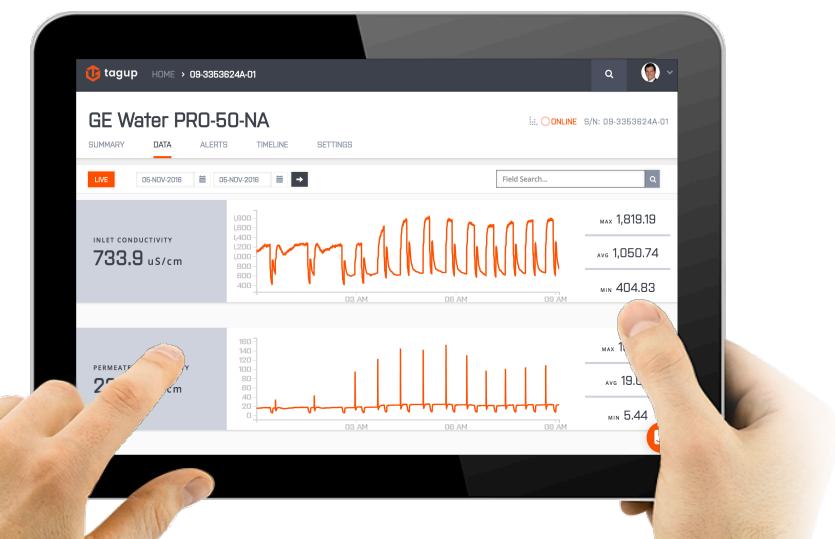
- Dashboard view provides fleet overview; drill down into any unit for detailed information
- Analytic methods developed at MIT continually monitor equipment to detect issues
- Receive email and SMS alerts whenever equipment goes out of spec, or when critical maintenance actions are required
- Automatically track equipment history: every alarm, maintenance action, and user note is included in equipment “timeline”
- Collaborate with authorized users by sharing equipment data and maintenance tasks

ANY EQUIPMENT, ANY DATA

Our engineering team can work to integrate data from diverse equipment types. Multiple data and communication protocols are compatible out-of-the-box.

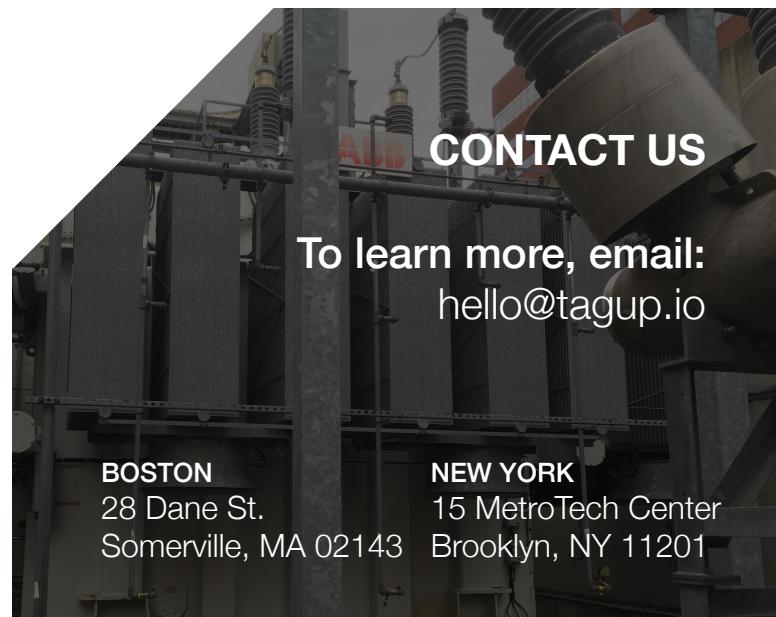
The platform can manage a variety of data, including:

- Streaming operating data from equipment PLCs or other control systems
- Equipment documentation, photos, maintenance logs, and digitized paper records
- User comments, maintenance issues, and support resources from OEMs and service companies when needed
- SCADA/DCS data, when required, for large deployments



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