TECHNICAL DATA

Connected Reliability Assessment

This two-day onsite service is your next step toward predictive maintenance

Connectivity of your assets and systems is a fundamental requirement for IIoT success. How do you get started in building a Connected Reliability Framework?

Sign up for a Connected Reliability Assessment from Fluke.

ABOUT THE ASSESSMENT
Fluke reliability experts provide a two-day onsite review and evaluation of your asset environment. You'll receive a report with recommendations and a roadmap for achieving your condition-based maintenance goals.

5 BENEFITS

GET ACTIONABLE ADVICE
The recommendations from our assessment will help you determine where to concentrate your efforts.

GAIN A PRACTICAL ROADMAP TO IIOT SUCCESS
Learn next steps for connecting your assets, systems, and teams — a prerequisite for IIoT success.

AVOID EXPENSIVE PITFALLS
Achieve better control over costs by assessing your plant, identifying the low-hanging-fruit projects, and steering clear of costly mistakes.

START ELIMINATING UNPLANNED DOWNTIME
Shift to condition-based maintenance to begin eliminating unplanned downtime and extending asset life.

MAXIMIZE ASSET AVAILABILITY
Upgrade your maintenance program to one based on the actual condition of your assets, not on the calendar.

We get it. Launching an IIoT (Industrial Internet of Things) program to help implement condition-based maintenance (CBM) can seem like a daunting task. That's where we can help.

The hurdles:

- **Slow moving pilots:** Only 20%* of the IIoT programs that started as pilot projects have been successfully rolled out in facilities. This results in gaps in connected data.

- **Increasing complexity:** About half * of the M&R (Maintenance and Reliability) teams looking to start IIoT/CBM programs find the process too complex because of the involvement of other teams and the integration processes. This results in gaps in connected systems.

- **Additional skills required:** Half* of M&R teams are actively looking for consulting, training and design support to get started in the CBM journey. This Indicates gaps in connected teams.

*Based on 2019 Fluke market survey

While most M&R leaders agree that IIoT programs can help them achieve condition-based maintenance, they are challenged by impediments that stall efforts and thwart a successful rollout. In the end, M&R leaders struggle to find the first step to a connected reliability strategy.
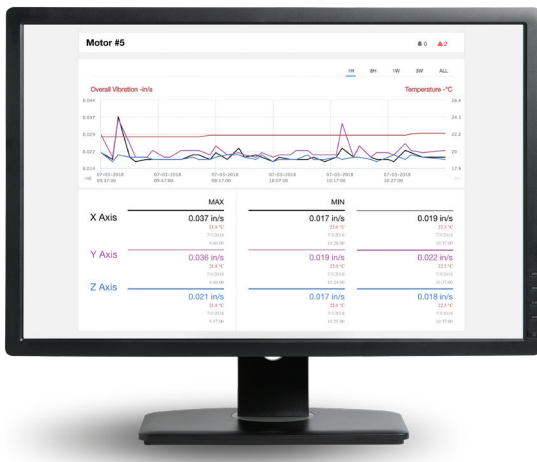
How our Connected Reliability Assessment can provide a jumpstart

Before embarking on a potentially expensive foray into an IIoT or CBM pilot program, you should assess your plant's readiness for "connected reliability." You can identify gaps and develop a plan that cuts the risks of your IIoT initiatives, improving your odds for success.

The Connected Reliability Assessment from Fluke gives M&R leaders the critical "pre-work" that will dramatically increase the odds of success for organizations' CBM/IIoT programs.

Our two-day assessment focuses on the overall connectedness of your plant environment. That's because connectivity between data, systems, and teams is critical for condition-based maintenance that leverages the IIoT. Connectivity is the essential characteristic that defines the next generation of M&R operational excellence.

Today, the lack of across-the-board connectivity is the main barrier to achieving a truly predictive environment. Without this level of connectivity, M&R teams will find themselves limited to only incremental gains.

> "The maintenance industry needs a practical way to connect assets, systems, and people in a meaningful way, so that uptime is maximized, and asset value is extended."
>
> **— Kevin Clark, VP of Accelix**

Maintenance operations for the more critical assets in a given plant environment will be somewhere along this scale.

(Reactive ⟷ Preventive ⟷ Predictive)
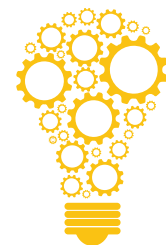
Whether you are ready to make immediate changes or just considering options for the future, Fluke will meet you wherever you are on your journey.

Implementing predictive maintenance can be challenging. Don't go it alone. Fluke can provide direction, support, and momentum with our Connected Reliability Assessment.

What's included in the Connected Reliability Assessment from Fluke

Here is how the Connected Reliability Assessment from Fluke puts your maintenance team on the road to connected reliability and condition-based maintenance.

Pre-assessment questionnaire: This background survey to be completed by the customer will get our experts up to speed on your situation prior to the assessment.	In advance
Kickoff meeting: Introductions to the assessment team will be followed by a review of the pre-assessment questionnaire and the planned agenda for the two-day visit.	Day 1
Energy sources evaluation: Our experts identify and document available power source locations, normal power usage and loads, spike sources/frequency, anomalies, and related details.	Day 1-2
Network site analysis: We analyze the data network infrastructure, Wi-Fi coverage and strength, antenna locations, wired network, security protocols, firewalls, data storage and protection policies, etc.	Day 1-2
Asset application review: We evaluate asset locations, hierarchy, criticality, connectivity, and existing data sources to help with asset condition monitoring strategies. We also scrutinize existing systems for connectedness between the systems and asset data.	Day 1-2
Mobile worker/team review: Our experts conduct an analysis of maintenance workers/teams and the tools used for communication and data connectivity. We identify gaps in the ability to leverage asset condition data.	Day 1-2
Detailed report: This report addresses our findings on the configuration/infrastructure of the above areas and provides recommendations and a roadmap for developing or advancing your asset condition monitoring program.	Two weeks*
Follow-up support: A Fluke customer support manager will schedule follow-up calls at the interval(s) that makes sense for the customer to determine if things are on track and answer any questions.	30-60-90 day follow-ups

Statement of Work

Fluke will provide a detailed statement of work for the planned onsite activities, to be approved by the customer. The customer will provide pre-visit information through a questionnaire and dedicate a reliability team to be a part of the assessment process.

Final Report

Following completion of the assessment, Fluke will deliver final report that enables maintenance leaders to determine the readiness of their plant for integrating IIoT solutions for condition-based maintenance.

*Estimated time to deliver the final report is two weeks following the on-site assessment, but could vary, depending on the environment.

Contact your Fluke sales representative to discuss how the Connected Reliability Assessment can help you leverage the IIoT for your CBM program.

To learn more, visit Fluke.com

Accelix. *Connected Reliability.*