



Expand coverage to balance-of-plant and non-critical assets

Centralize all condition monitoring data within InsightCM™

Enable earlier fault detection without adding permanent sensors

Standardize inspections across teams and facilities

InsightCM

Route-Based Monitoring

OVERVIEW

Modern facilities require visibility across thousands of assets—not just the most critical ones. While online monitoring systems provide continuous insight into high-value equipment, many assets are best monitored through periodic inspections.

InsightCM Route-Based Monitoring extends the InsightCM platform to support portable data collection workflows, enabling maintenance teams to efficiently capture, analyze, and act on condition data from across the entire plant.

COMMON USE CASES

- Balance-of-Plant Equipment
- Backup and Intermittent Equipment
- Vibration Analysis and Rotor-Balancing

KIT CONTENTS

- Ipad with Ruggedized Case
- Wireless Piezo Triaxial Accelerometer w/ mount
- Laser Tachometer w/ mount
- 2 IEPE accelerometers w/ mount
- 3-channel wireless input

HOW IT WORKS

1. Plan Routes

- Define assets, measurement points, and inspection types
- Configure routes by area, system, or technician
- Standardize data collection across sites

2. Collect Data

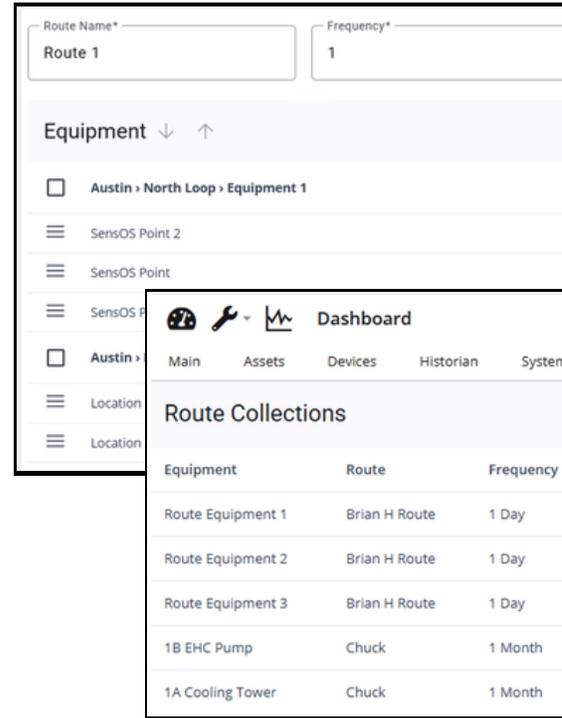
- Follow pre-defined routes using portable devices
- Ensure consistency with step-by-step instructions
- Make multiple measurement types in a single route

3. Synchronize Data

- Upload collected data into InsightCM
- Automatically match data with the correct asset and location
- Eliminate manual data handling and siloed tools

4. Analyze Data in InsightCM

- View route-based data alongside online monitoring data
- Trend measurements over time
- Identify emerging faults across asset populations



MOBILE APPLICATIONS

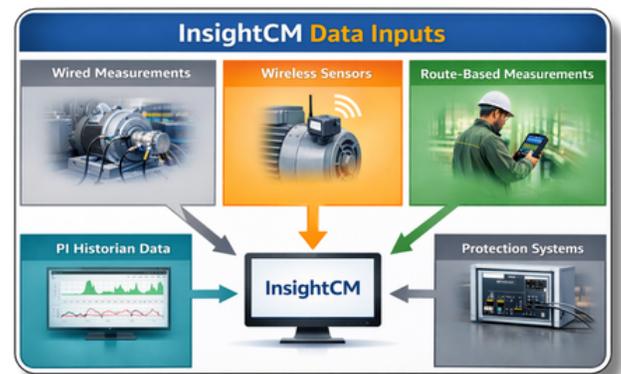
The InsightCM Route-Based Monitoring license includes the following mobile applications:

- InsightCM Route downloads routes you define in InsightCM, guides your technicians through the measurement process, and uploads the data to InsightCM. Use the included wireless vibration sensor or pre-installed sensors for hard-to-reach assets.
- InsightCM Analyze enables advanced vibration analysis, including cross-channel phase analysis, bump tests, and other diagnostic tests to identify a wide range of mechanical fault conditions.
- InsightCM Balance walks technicians through single- and two-plane shaft balancing with an intuitive, step-by-step workflow.



INSIGHTCM PLATFORM

Route-Based Monitoring expands the InsightCM multiphysics monitoring platform to include multiple types of sensors and data sources, enabling you to view and analyze all of your condition data through one pane of glass.



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