

Connected Mechanical Service Agreements

Continuous Analysis | Digital Inspection | Performance Reporting



CMSA is the Evolution of Traditional Service Agreements—

giving engineering firms and building owners alike real-time equipment data, digital diagnostics, and tailored performance reports to maintain systems and improve equipment design intent.

Why Engineers Choose CMSA

As an engineer, you need certainty, proof, and insight that equipment is working as intended. CMSA delivers:

-  **24/7 Visibility**
Continuous operational data, not just onsite snapshots
-  **Digital Inspections**
Faster diagnostics, done remotely or on-site
-  **Performance Reports**
Benchmarked against your original design specifications
-  **Root-Cause Insights**
Trend analytics for deeper problem-solving
-  **Transparency**
Clear system health and results, always at your fingertips

Upgrade HVAC Performance With Digital Intelligence

Traditional HVAC service relies on periodic onsite inspections, leaving thousands of hours with no visibility into equipment performance. CMSA transforms this process:

- **Leverages cloud-based analytics** for ongoing equipment insights
- **Enables your Trane OEM technician** to review full operational history
- **Supports predictive, proactive maintenance** for lower risk and better outcomes

What CMSA Means For You

CMSA's continuous monitoring detects inefficiencies before they become major problems.



Maintain: Using real-time, around-the-clock operation data



Analyze: Full trend history for true cause-and-effect analysis

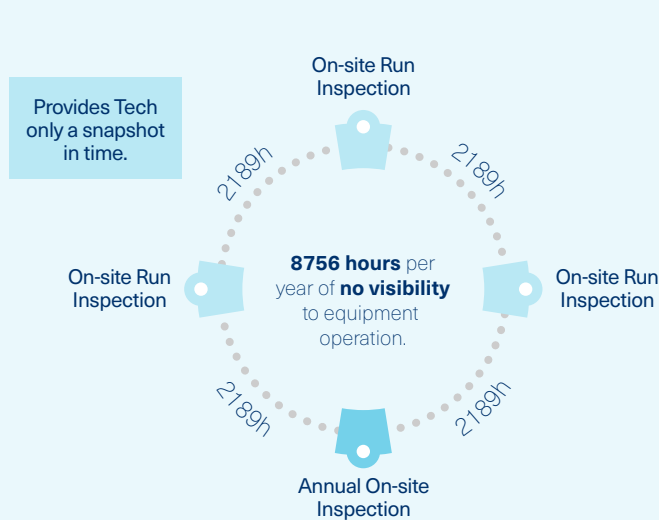


Optimize: Using actionable reports to extend equipment life and maximize uptime

Same OEM Expertise—Now With Digital Superpowers

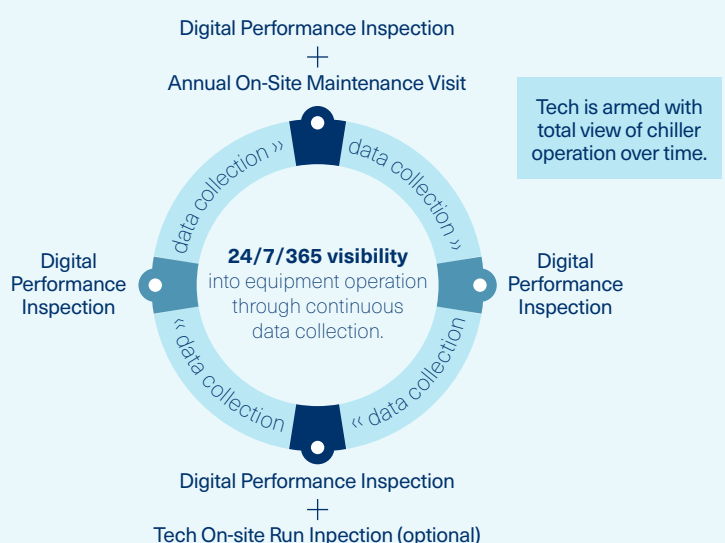
CMSA ensures the same OEM expertise, now enhanced by continuous digital tools and analytics, empowering you to specify, design, and maintain systems with total confidence.

Traditional Mechanical Service



- Provides only an operational "snapshot in time" analysis
- Traditional on-site service utilizes on-site inspections to log the chiller operation on that day
- If using a quarterly inspection schedule, that's 6567 hours/year of no visibility to how your chiller is operating!

Connected Mechanical Service



- Leverages continuous data collection since the last inspection
- Captures how your chiller operates at night, weekends, during hot weather and under different loading conditions
- 24/7 insights stored for use by your Trane chiller tech

Narrative Level CMSA Guide Specification

Provide equipment model-specific analytics that run 24/7/365 and across all equipment sub-systems to provide OEM-level remote and/or digital inspections. Equipment analytics shall compare actual equipment operation with original design conditions. Provide digital inspection report to customer per schedule. Provide a proactive data loss service to prevent extended data outages.

Need more? Your Trane account manager can support you in building your specification today.



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