

Future-Ready Facilities

How AI is Redefining Facility Management



Today's Challenges

AI-Driven Impact



AI-Powered Transformation



01 Aging Infrastructure Creates Risk

75% of commercial buildings are over 25 years old, often using outdated control technology.

Source: US EIA Survey, 2018



02 The High Cost of Unplanned Downtime

Run-to-failure programs typically cost 3-5x more than preventive maintenance while bringing forward replacement costs.

Source: How FM Track & Maintain Assets, JLL 2026



03 A Widening Talent Gap

An aging workforce and a shortage of skilled technicians create significant challenges for the industry's future.

Source: State of FM Report, JLL 2025



01 Automation Unlocks New Efficiency

Intelligence at the "edge" (local sensors/devices) allows for realtime diagnostics that are up to 90% faster than cloud-dependent systems

Source: AI Applied to Frontline Workers, Verdantix 2025



02 AI Predicts Failures Before They Happen

Predictive maintenance can reduce maintenance costs by 10-40% and increase equipment lifespan.

Source: IoT: Mapping the Value Beyond the Hype, McKinsey 2015



03 AI Adoption is Accelerating

Tools for institutional knowledge retention. This includes using AI to convert legacy SOPs into step-by-step mobile instructions for remote expert assistance to guide junior staff.

Source: How We Prepare to Predict, Copperberg 2025

