



DATAMATRIX
Digital Twin & AI

DIGITAL UTILITIES

Lifecycle Management of Building Utilities Optimizing Energy-Water-Asset

SAVES
Millions
on
Assets &
Operations

HOW CAN YOU ENSURE UTILITIES ALWAYS RUN AT ITS PEAK PERFORMANCE?

MBCx is the Best Practice

Monitoring Based Commissioning (MBCx)
Continuously Optimise Building Performance
through its Lifecycle.

How Datamatrix Helps

TECHNOLOGY INNOVATIONS (Patented)

- Digital Twin + AI
- Integrated Utility Performance
- Works on Basic Instrumentation
- Equipment Performance Visibility
- Latest LEED v5 O+M Compliant

Why It Matters to You

- Datamatrix Technology Innovations drastically Reduce Cost
- Achieve Highest level of Performance
- Technology is Offered to you on PaaS & ESCO Models

Our Platform as a Service (PaaS)

Digital Utilities

- ✓ **Living Plant & Machinery**
Datamatrix links static data (eg.design) with dynamic data (eg.sensors) to create a living digital twin of your facilities.
- ✓ **Integrated Performance**
Orchestrates integrated energy-fluid-asset performance as a unified, continuous improvement process
- ✓ **Built-in Best Practices**
Industry standards for energy efficiency, water conservation, and asset lifecycle management, with M&V
- ✓ **Online Intelligence**
Real-time dashboards, predictive alerts, and AI-driven continuous optimization



Our innovations enables machine-level performance monitoring at drastically reduced costs,
and deliver committed measurable outcomes through a single point of responsibility

We Offer Solutions from Design to Commissioning (Cx) & Operations (MBCx), through the Asset Life Cycle

INTEGRATED PERFORMANCE

Energy · Fluid · Asset | Technology · People · Process

Optimise Utilities Contributing to Significant Operating Cost & Sustainability Impact

Chiller Plants

Cooling Towers

Pumping Systems

Monitor Non-Critical Loads by EMS, with AI Powered Energy Balancing & Anomaly Detection

Comprehensive Performance Process Outsourcing (PPO) with Committed Outcomes

Typical Saving Opportunities

Optimise Utilities

The Major Cost Centre of Facilities

- Energy Cost Reduction by Continuous Optimisation - 10 -15%
- Optimum Asset Renewals & Retrofits - 10-20%
- Extended Critical Asset Life - 20-35%
- Predictive Maintenance & Reduced Breakdowns - 10% YoY
- Reduced Onsite Skills for Performance - Up to 90%

Partnering with Industry Leaders to tackle their toughest Sustainability Challenges



Mercedes-Benz

Manufacturing



Utilities



Real Estates



NABARD

Agriculture

Awards for Energy Transition, Innovations & Sustainability

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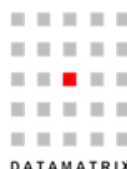
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Nothing is more powerful than an idea who's time has come