



**E TECH
GROUP**

Manufacturing Intelligence Assessment Services

Powering Smart, Sustainable and Profitable Operations

OUR OFFERING:

We specialize in high-impact assessments that identify and quantify opportunities across three critical domains:

WHAT YOU GET:

- Discovery consultation to understand your site's pain points.
- Current State analysis and solution recommendations
- Comprehensive site report
- Quick wins & long-term transformation strategies and planning

WHY CHOOSE US:

- Proven **ROI: 5–15%** OEE and 10–25% energy savings
- Cross-industry experience: Food & Bev, Pharma, CPG, Discrete Manufacturing
- Scalable solutions aligned to your site's digital maturity



Data Operations

- Assess operational technology (OT) assets and identify data silos
- Evaluate integration of SCADA, MES, and data historian systems
- Develop a phased implementation roadmap to unify all data sources into a single platform



Asset Optimization

- Analyze OEE, downtime, and bottleneck trends to uncover performance gaps
- Identify opportunities for predictive maintenance using AI/ML techniques
- Provide actionable insights through KPI-driven dashboards.



Energy Assessments

- Establish baseline consumption for energy, water, and compressed air
- Deliver energy utilization dashboards to track and optimize resource use
- Detect inefficiencies and losses across utility and production systems.

Beyond Automation and Control



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How Can Our Assessments Help Mitigate Your Inefficiencies?

Data Operations

Asset Optimization

Energy Assessments

Challenges



- Data Silos
- Inefficient Decisions
- Limited Data Context
- Security & Compliance Risks

- Production Bottlenecks
- Unplanned Downtime
- Low Yield
- Less Visibility to Process Performance

- Sustainability Goals & Initiatives
- High Power and Utility Consumption
- Lack of Energy Consumption Data

Assess:



- System Inventory & Mapping
- Data Sources & Flow
- Integration Points
- Current Reporting & User Interfaces

- Stakeholder Interviews and Workshops
- Current System Evaluation
- Current Visualizations & Reporting
- Benchmarking

- Stakeholder Interviews
- Site Evaluation and Instrument Specification
- Visualizations & Reporting

Define Solutions:



- Data platform recommendation
- Process View Dashboards

- Identify low-effort high-impact improvements
- Performance Dashboards
- Solution Platform Recommendation

- Instrumentation Installation
- Dashboards & Reporting

WHY ACT NOW:

- Energy and maintenance costs continue to climb. uncover savings before they erode your margins.
- Avoid costly capital investments- anticipate demand and optimize throughput
- Many improvements can deliver measurable results within **60-90 days** — don't leave value on the table.
- Quick Wins, Fast ROI!