

Digital Transformation Readiness Checklist

Is your organization ready to implement Smart Manufacturing?

Strategic Alignment

- ☐ Executive leadership understands and supports a long-term digital strategy
- ☐ Digital transformation is aligned with business goals (efficiency, uptime, quality, etc.)
- ☐ Clear KPIs have been established to measure success

Cultural & Workforce Readiness

- ☐ Your team understands why smart manufacturing is a priority
- ☐ There is a plan in place for workforce training and upskilling
- ☐ Cross-functional collaboration between IT, OT, and operations is actively encouraged
- ☐ Key champions or “digital advocates” have been identified on the floor and in management

Data Infrastructure & Integration

- ☐ Machines, sensors, and systems are connected or can be connected
- ☐ Data is accessible, trustworthy, and not trapped in silos
- ☐ You have a strategy for consolidating machine data, production data, and system logs
- ☐ Real-time data collection and analytics capabilities are in place or planned

OEM Data & Documentation Readiness

- ☐ OEM manuals and troubleshooting guides are centralized and digitized
- ☐ Legacy documentation is being reviewed and updated for digital use
- ☐ There is a process for incorporating new OEM data into your digital systems
- ☐ You are exploring tools (like RIOT AI) to make that information more searchable and usable

System Integrators & Technology Partners

- ☐ You’ve identified or are working with trusted system integrators who understand both your operations and your digital vision
- ☐ Your partners can support long-term scaling—not just one-off installations
- ☐ You’ve evaluated solutions for interoperability and future-proofing
- ☐ Clear SLAs and integration timelines are established

Governance & Security

- ☐ Clear ownership exists for digital systems and data governance
- ☐ Cybersecurity protocols are in place for connected systems
- ☐ A risk mitigation and change management plan is documented

Pilot Strategy & Scale-Up Plan

- ☐ You've identified an ideal pilot area (low risk, high value, strong champions)
- ☐ Success metrics for the pilot are defined and measurable
- ☐ A roadmap exists for scaling successful pilots to other lines/sites

If most of these boxes are checked—you're not just ready. You're positioned to lead.