



Manufacturing Excellence Playbook

Expert-led Capability Program for Building World-Class Manufacturing Operations in PE-Backed Portfolio Companies

3 Months Workshop | Immersions

Designed for Plant Heads, COOs, Manufacturing Leaders, Supply Chain Heads and Operations Excellence Teams responsible for improving productivity, reducing costs and driving operational excellence across manufacturing facilities.

Manufacturing Excellence Playbook

A Dedicated, Expert-Led Program for Portfolio Companies Building High-Performance Manufacturing Organizations

For Operating Partners supporting operational transformation across their portfolio companies—helping manufacturing leadership teams strengthen plant performance, operational discipline and digital capabilities to improve productivity, profitability and long-term enterprise value.

Our Signature Program

Built around your manufacturing operations—not generic Lean training.

Every engagement is customized using your production systems, plant processes, operational KPIs and business priorities.

Faculty who've led manufacturing transformations.

Sessions are delivered by former COOs, Plant Heads, Manufacturing Excellence Leaders, Lean Practitioners and Industry 4.0 specialists.

Learning through implementation.

Participants work on live plant challenges, improvement initiatives and operational projects throughout the program.

Covers the complete manufacturing value chain.

From Lean and TPM to Quality, Supply Chain and Smart Manufacturing, the program develops capabilities across every critical operational function.

Focused on measurable operational impact.

Each engagement concludes with an Operational Excellence Roadmap aligned to the organization's Value Creation Plan.

Powered by India's Largest Expert Network.

Access manufacturing leaders, plant executives, operational excellence specialists and sector experts from Infollion's expert ecosystem.

At a Glance

Format	Expert-led workshops + implementation coaching
Duration	12 weeks
Cadence	Weekly 3–4 hour sessions
Delivery	Virtual / Onsite / Hybrid
Structure	4 Core Modules + 4 Elective Modules
Pre-Program	Manufacturing Capability Assessment
Post-Program	Operational Excellence Roadmap

Designed for:

Chief Operating Officers (COOs)

Plant Heads, Manufacturing Heads, Operations Excellence Teams

Supply Chain Leaders, Production Managers, Quality Leaders

Core Modules

Module 1: Lean Manufacturing & Operational Excellence

Building a culture of continuous improvement by strengthening manufacturing fundamentals, eliminating waste and improving operational discipline.

1. Lean Manufacturing Principles
2. 5S & Visual Workplace
3. Waste Elimination & Kaizen
4. Standard Work & Process Stability
5. Continuous Improvement Systems

Module 2: Productivity, TPM & Asset Performance

Improving plant productivity through better equipment reliability, operational efficiency and production management.

1. Total Productive Maintenance (TPM)
2. Overall Equipment Effectiveness (OEE)
3. Autonomous & Planned Maintenance
4. Production Planning & Scheduling
5. Bottleneck Identification & Line Balancing

Module 3: Quality, Cost & Supply Chain Excellence

Strengthening manufacturing competitiveness through quality improvement, cost optimization and resilient supply chain practices.

Quality Management Systems

1. Root Cause Analysis & Problem Solving
2. Cost Optimization Techniques
3. Supply Chain Resilience
4. Inventory & Material Flow Optimization

Module 4: Smart Manufacturing & Industry 4.0

Preparing manufacturing organizations for connected, data-driven and digitally enabled operations.

1. Smart Manufacturing Fundamentals
2. Industry 4.0 Technologies
3. Manufacturing Analytics & Dashboards
4. Automation & Digital Operations
5. AI Applications in Manufacturing

Elective Modules

Elective 1: Manufacturing Quality Excellence

Building world-class quality systems that improve customer satisfaction, reduce defects and strengthen operational reliability.

1. Statistical Process Control (SPC)
2. Measurement System Analysis (MSA)
3. Failure Mode & Effects Analysis (FMEA)
4. 8D Problem Solving
5. Six Sigma & Quality Audits

Elective 2: New Product Development & Industrialization

Accelerating successful product launches while improving cross-functional collaboration between engineering, manufacturing and quality.

1. Advanced Product Quality Planning (APQP)
2. Production Part Approval Process (PPAP)
3. Design for Manufacturability (DFM)
4. Product Launch Excellence
5. Engineering Change Management

Elective 3: Procurement & Strategic Sourcing

Developing procurement capabilities that improve supplier performance, reduce costs and strengthen supply resilience.

1. Strategic Sourcing
2. Category Management
3. Supplier Development
4. Cost Engineering & Negotiation
5. Supplier Performance Management

Elective 4: Manufacturing Leadership & Change Management

Developing leaders capable of driving operational transformation, building high-performing teams and sustaining continuous improvement.

1. Shopfloor Leadership
2. Daily Management Systems
3. Coaching & Performance Management
4. Leading Operational Change
5. Building High-Performance Manufacturing Teams

Manufacturing Excellence Immersions

- Lean Manufacturing Benchmark Visits
- Manufacturing Excellence Roundtables
- Smart Factory & Industry 4.0 Demonstrations
- Plant Leadership Workshops