



PRODUCT BROCHURE · METHOD

MES — Manufacturing Execution System

Real-time production intelligence, dynamic scheduling, and shop-floor visibility for Industry 4.0 operations.

>99%

INVENTORY ACCURACY

<2 Days

TURNAROUND TIME

>95%

MATERIAL AVAILABILITY

Real-Time

SHOP FLOOR VISIBILITY

The problem: A production schedule is only as good as the plant's ability to react when it breaks — a machine goes down, a material shipment is late — and most plants still rebalance that disruption with a phone call and a whiteboard, hours after the disruption actually happened.

WHAT'S INSIDE

Core capabilities

Six ways MES Platform solves this on day one.

Dynamic Scheduling & Rebalancing

Machine and labour scheduling with capacity planning and load balancing — the system rebalances remaining orders automatically when a machine goes down.

Live WIP Monitoring

Real-time work-in-progress status per workstation with automatic alerts on delays or quality holds.

Quality Management (QMS)

Statistical Process Control with real-time control charts, Non-Conformance Management (hold/quarantine/rework/scrap), and CAPA workflows — closing the loop between what's scheduled and what's produced to spec.

Bi-Directional ERP Sync

Live sync with SAP, Oracle and Tally for orders, BOM and inventory — no duplicate data entry at any stage.

Integrated Maintenance (CMMS)

Time-based (preventive), condition-based (predictive, IIoT sensor-triggered) and corrective (breakdown) maintenance all feed MTTR, MTBF and MTBA back into the scheduling engine.

Material Flow & 4M Traceability

Full genealogy — Man, Machine, Material, Method — tracking work order reference, cycle time, and throughput from inbound gate entry through issuance.

Why IIOT Infotech

CMMI Level 3 process maturity, 50+ enterprise clients, and a full product suite owned end to end — no third-party stitching. Most engagements go live with a working pilot in 4-8 weeks, not a multi-quarter rollout.

support@iiot-infotech.com | www.iiot-infotech.com

+91 124 403 2289 | +91-8800183840 | +91 99714 48680

7th Floor, Space Boulevard, 710-712, Badshahpur Sohna Rd, Malibu Towne, Sector 47, Gurugram, Haryana 122018, India