



MES

Industry manufacturing execution system

What is a MES software?



A Manufacturing Execution System (MES) software is a computer-based system used in manufacturing industries to monitor, control, and optimize production processes on the shop floor.

Main functions:

- Process Monitoring
- Production Scheduling
- Quality Control
- Traceability
- Performance analysis
- Systems Integration

One system, many interfaces









Touch screen field device

What does MES do?















Production scheduling

Process control

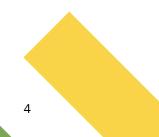
Plant status monitoring

Alarms and notifications

Data collection

Production delays tracking

Reporting



System features



Advanced system logging



Admin dashboard



Client connections monitoring



Simplified updates deployment



Advanced users and roles management



Advanced system configuration

Tech stack

Back end
.NetCore + Python + RabbitMq +
MongoDb









Web Front end Angular



Mobile App (Android)
Angular + Ionic + Capacitor





