

## MIC PLANNER

# Intelligent Planning

The MIC PLANNER module is an easy-to-implement solution that optimizes the installed load-capacity allocation. It responds quickly and dynamically to changes in the shopfloor and reduces machines' downtime improving productivity and maximizing available capacity.

**It considers the available resources in real time** to get the most out of the installed capacity.

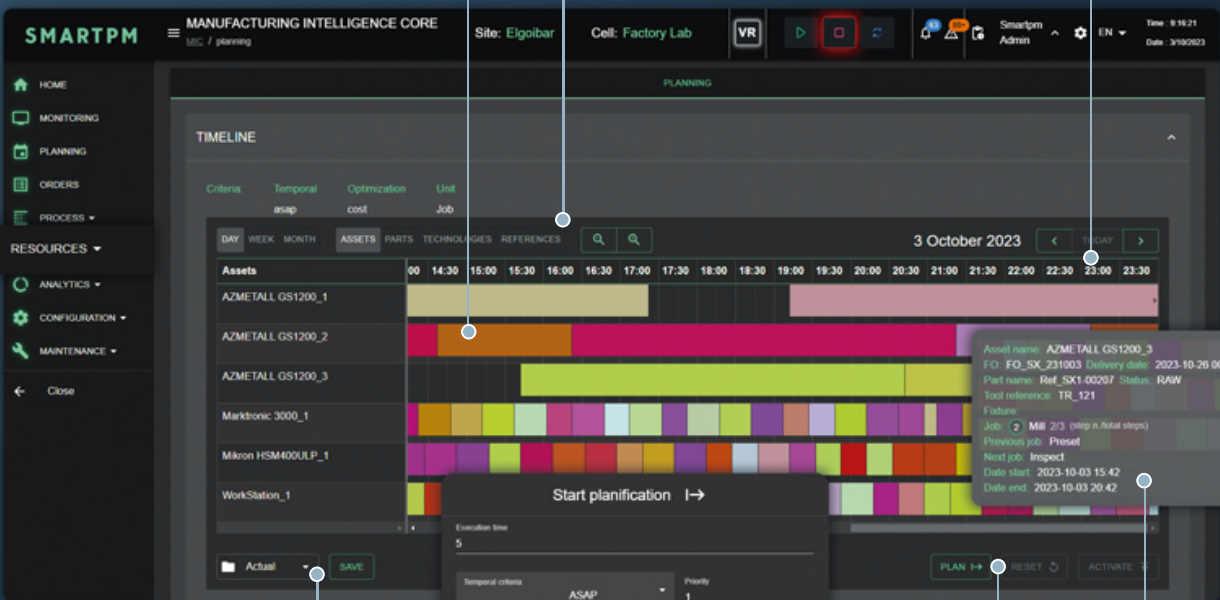
### Plans production

by reducing downtime and consuming fewer resources.

### Allows tracking the planning

by technology, manufacturing order, equipment, reference, etc.

Identifies the best manufacturing route **in real-time**.



The screenshot displays the SMARTPM Manufacturing Intelligence Core interface. The main view is a Gantt chart titled 'TIMELINE' for '3 October 2023'. It shows various assets (AZMETALL GS1200\_1, 2, 3; Marktronic 3000\_1; Mikron HSM400ULP\_1; WorkStation\_1) with colored bars representing production tasks. A 'Start planification' dialog box is open, showing options for 'Temporal criteria' (ASAP), 'Cost criteria' (Cost), and 'Energy consumption' (Defective). A tooltip for 'AZMETALL GS1200\_3' provides details like 'FO: FO\_SX\_231003', 'Delivery date: 2023-10-26 00:00', and 'Status: RAW'. The interface includes a sidebar with navigation options like HOME, MONITORING, PLANNING, ORDERS, PROCESS, RESOURCES, ANALYTICS, CONFIGURATION, and MAINTENANCE. The top bar shows 'Site: Elgoibar' and 'Cell: Factory Lab'.

**Machine learning**  
Able to simulate and learn automatically from historical data.

**Use of AI coupled with customizable production criteria** to optimize planning.

Configurable for LEAN environments

Can be integrated with other software platforms

**Replan the process autonomously.**

**Anticipates** each part's manufacturing times and subsequent production stages.

## Intelligent manufacturing

The MIC automation platform controls and automates industrial processes. Improve production from the first minute, adapting itself to the level of automation you need.

Automation powered by

**MIC** MANUFACTURING INTELLIGENCE CORE

