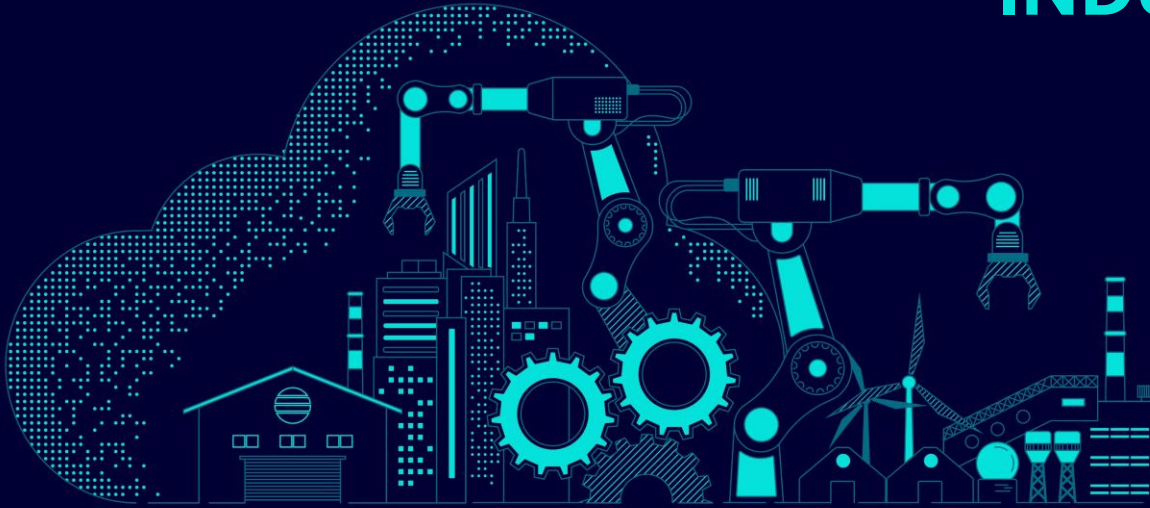


INDUSTRY 4.0



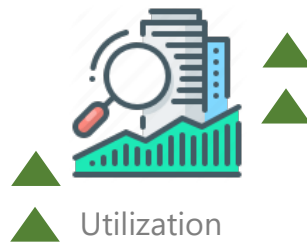
CTs Smart Production Planning system is Industry 4.0 ready. We seamlessly integrate with IOT systems and provide real time visibility to production plans, capacity / raw material constraints, actual throughput, plant / resource utilizations while optimizing demand & supply match.

Production Planning and Scheduling

A cloud native digital twin of your factory, manufacturing resources, inventory, orders and constraints which is model into a next generation optimizer to effectively improve performance of



Changeovers



Utilization

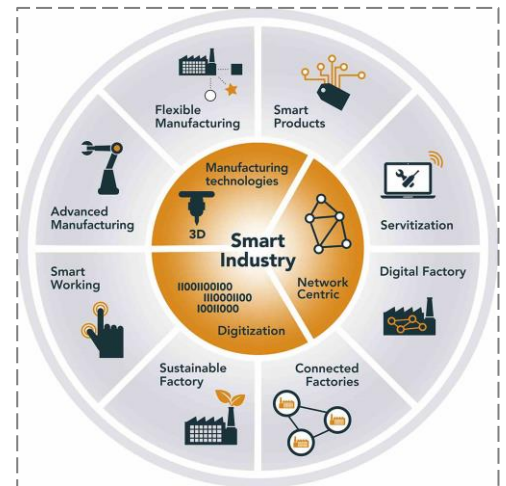


Throughput

The system allows flexibility to the factory planner, to make amends in real time and yet have an optimal; and executable production plan.

Features

- Fully customizable for batch manufacturing processes.
- Integration with SAP, Dynamics and other leading ERP systems
- Digital Twin
- ML/AI Powered optimization
- Scenario Planning
- Incremental Planning
- Demand Supply Match
- RM Planning
- Mobile Compatible



CELEBAL TECHNOLOGIES Smart Planner Sign Up Login

Dashboard Project Start From - Wed Mar 25 2020 00:00:00 & Ends on - Sun Mar 29 2020 12:37:00

Add Product

Wednesday, 25 March 2020

	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM
Blending	Blending - Remicade, NewMedico					Blending - Lyrica, PowerSaws					Blending - Xarelto, SuperT													
Granulation	Granulation - Remicade, NewMedico										Gran													
Drying	Drying - Remicade, New																							
Compression																								
Packaging																								

Project Start Date: 25-03-2020

Export Run Optimize

Task To Plan: Routing: Blending Granulation Drying Compression Packagi

Task	Operation	Duration
Blending - 8N2B4	Blending	500
Granulation - 8N2B4	Granulation	1000

Duration in Minute:

Business Impact

- Move from complex excel based planning to a modern cloud based AI powered planning system.
- Bring down delays on your customer orders and get rush orders under control.
- Improve setup time, tool, machine, and operator availability.
- Compare different versions of your plan.
- Simulate best and worst scenarios.
- Evaluate the impact of rush orders, machine breakdowns, or overtime.

Persona



Production Planner



Shopfloor Operator



Sales Manager



Procurement Manager

Revenue



Reduced time to market
Reducing the time to production by 12% and hence reducing time to market.



Demand Fulfillment
Demand fulfillment improved by 8%



Cost Reduction
Reduced cost of production by 16%

Timelines



12-14 Weeks