

Falco SaaS - OPS



Smart OPS | Strong Outcomes





Falco CPC - Constraint Capacity Planning - for OEMs

Real World Constraints | Dynamic Simulations | On-Time Delivery

Build Accurate Production Plans for discrete equipment assembly. Real-time workforce data, downtime data, floor availability, and order urgency – not theoretical MRP Numbers



What's Broken Today

- ❖ Static Excel based planning –without absenteeism, downtimes ,or rework
- No visibility of manhour bottlenecks across slots and bays
- Sales commitments without prod feasibility | No "What-if" simulation



What Falco CPC can Fix

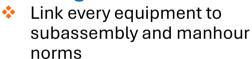
- Maps each equipment to manhours, floors, and skill types
- Considers Real-world constraints. Sand-box to run "What-If" Scenarios
- Tracks Daily work output vs. plan, readjusts completion dates real-time



Core Modules & Features

Dynamic Manhour Based Planning





- Map Floor, Bays and Slots
- Consider downtimes and constraints
- Daily run capacity engine with real constraints and compute delivery dates

Real-time Monitoring & Replanning



- Prioritize orders by customer delivery dates
- Calculate cum manhours load across planning horizon
- Track actual vs. plan manhours
- Auto adjust deliver dates based on production gaps
- Over time planning

What-if Simulations



- Que existing Orders
- Insert urgent orders
- Simulate allocation of workforce / overtime
- Model various constraints
- Support Over Time Plan and Approval

Impact Metrics



- 25% Reduction in Schedule Deviation
- On-time shipment score can improve to > 90%
- Clear visibility of bay, operator load Day-wise
- Control Overtime