



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



- ❖ Link every equipment to subassembly and manhour norms
- ❖ 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