

+ PSImetals Planning

# KPI Driven Planning & Scheduling

How to Get Flexibility, Speed and Transparency in the Supply Chain

PSI 

# KPI Driven Planning

## Ensuring Delivery Reliability for Your Customers

Companies in the metal producing industries are facing increasing customer requirements in terms of product diversity, delivery capability, on-time delivery and constant quality whilst cost pressure continues to increase. Further, market conditions are characterized by increased variability, volatility and complexity, which require from metals supply chains more agility than ever. Meeting today's demand and market requirements is becoming an increasing challenge for planners.

Through its KPI-driven and integrative approach, PSImetals Planning software allows optimizing plans and schedules based on dynamic business objectives, covering the whole

lifecycle from sales to production order to the finished product over all process stages in metal production. Its high degree of automation with tried-and-tested algorithms ensures that complex planning tasks can be mastered in real time. This makes planning activities very transparent whilst providing information straight to the point. Thanks to the integrated planning process quick responsiveness from shopfloor-level to the superior sales level can be ensured at all times. Embedded management of tuning profiles, advanced reporting and scenarios benchmarking, further support decision makers in finding the best balance between conflicting goals.



### What are your benefits?

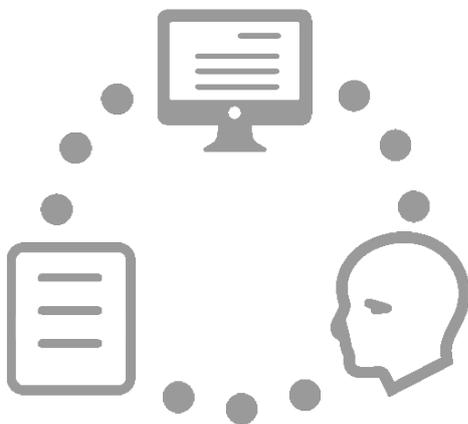
- + Reduce throughput times and WIP inventory levels
- + Improve product qualities through better respect of scheduling constraints
- + Optimize order combinations and maximize through-process yield
- + Increase efficiency in the planning processes
- + Edit plans and schedules easily
- + React fast to plan deviations

**> 80% date fulfillment**

**25% OTIF delivery increase**

**> 10% productivity**

**80% less planning time**



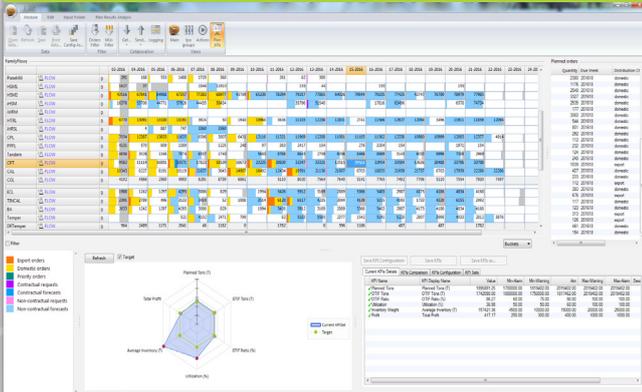
### Why PSImetals Planning?

- Holistic planning - from melt shop to shipping, from demand planning to detailed scheduling
- One comprehensive database for all PSImetals components
- KPI-driven planning: planning calculation adapted to customer specific and dynamic business goals
- Support of multiple demand fulfillment models: make-to-order, make-to-stock, vendor managed inventories, etc.
- Highly adaptable user interfaces optimized for planner's daily tasks
- Central repository of planning rules and priorities

### Selected reference customers:

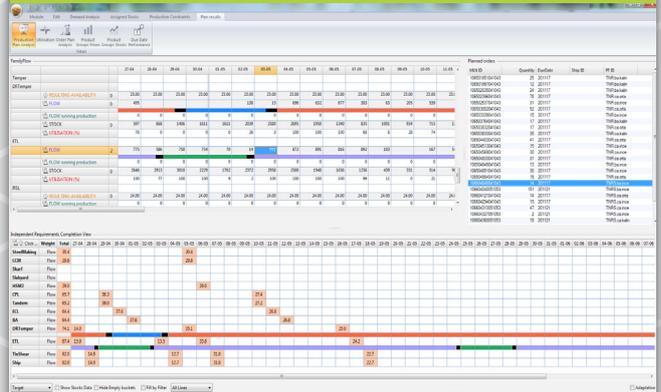


## Demand & Sales Planning



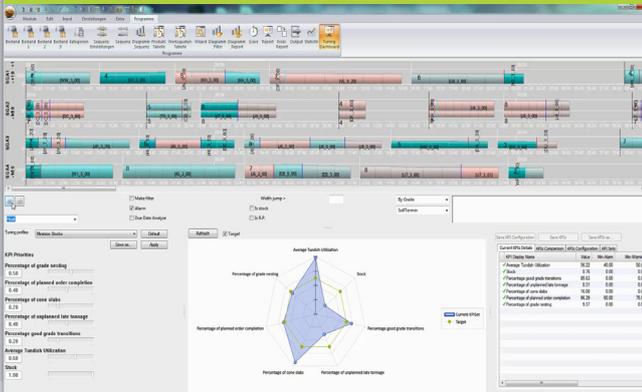
- + Medium and long term sales planning
- + Profit optimization by allocating demand to appropriate production sites / lines
- + Sales quota for order promising process
- + Online due date quoting

## Flow & Order Planning



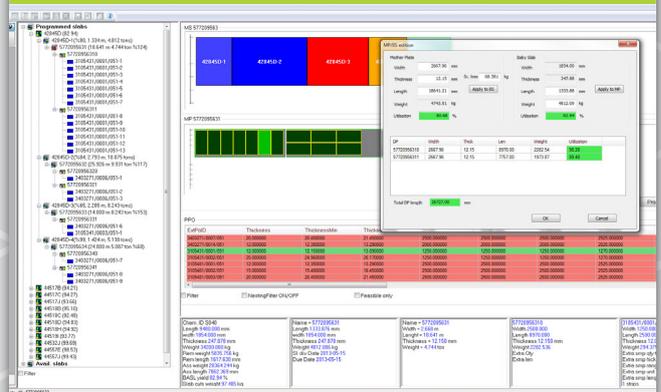
- + Optimal trade-off between service level, inventory performance and capacity utilization
- + Optimized product mix and order plan considering alternative routings and multiple sites

## Order & Line Scheduling



- + Cross-plant scheduling of the order book
- + Hot charging optimization
- + Throughput optimization for different lines
- + Seamless integration with production execution

## Material Planning

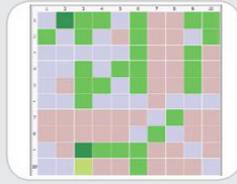


- + Net demanding calculation
- + Optimized inventory-order assignments considering specifics as material flow constraints, matching criteria, stock and logistical constraints
- + Support of decoupling points and vendor managed inventory strategies

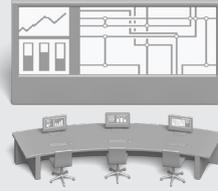
# KPI Assessment Workshop



KPI identification  
for your business  
processes



KPI qualification  
and conflict  
analysis



KPI-oriented  
production  
management

**3** days  
that will change  
your business!



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