



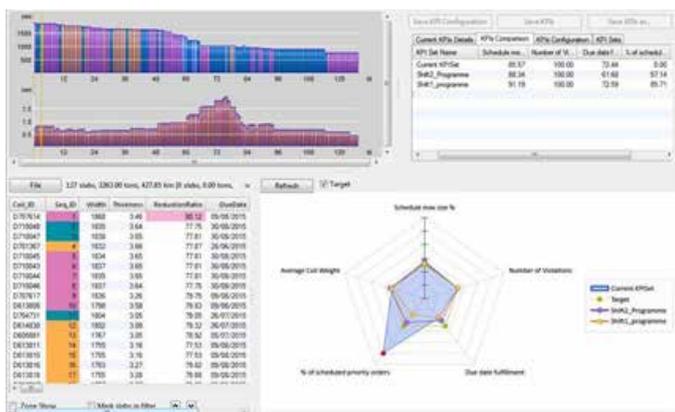
# PRODUCTION MANAGEMENT SOLUTION

## GET MORE OUT OF YOUR FACTORY

### PRODUCTION MANAGEMENT SOLUTION FOR THE METALS INDUSTRY

Are you searching for a customizable standard solution which would enable you to achieve complete integration of your business processes and enhance your productivity in the easiest way?

#### PLANNING

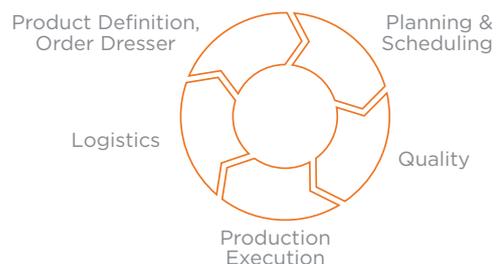


- Due Date Quoting
- Flow & Order Planning
- Material Planning
- Order & Line Scheduling

### OPTIMIZE YOUR FACTORY WITH OUR PRODUCTION MANAGEMENT SOLUTIONS

Our end-to-end approach offers more transparency for your entire production process. Based on standard Production Management software and reliable hardware we build your powerful and tailor-made solution to support all processes from optimized planning, logistics and quality to production execution always considering the complexity of metals production. We offer a comprehensive MES / MOM / Level 3 portfolio which secures Primetals Technologies' Production Management a unique position on the market and

- Incorporate Primetals Technologies' Process Know-How in planning tools for maximum plant performance
- Deliver Turn-Key Warehouse Management System with integrated projects execution know-how
- Plug & Play Integration of Primetals Technologies' Process Automation Systems



**AUTOMATION**

## LOGISTICS



- Stock Management
- Transport Order Management
- Transport Optimization & Execution
- Shipping & Delivery

## QUALITY



- Product Configuration
- Order Dressing
- Quality Control
- Quality Analysis

## OUR SOLUTION

Production Management solutions enable Primetals Technologies' customers to achieve horizontal and vertical integration of their business processes, whilst boosting productivity throughout the entire production process. It is a customized solution to support processes on different levels of metals production as follows:

- Support of all planning levels from Business Planning via Production Planning to Detailed Scheduling
- Execution level to monitor and control production activities as well as to assure quality
- Level of material- and transport logistic to optimize all transports requested to keep production running
- Cross-application KPI and production monitoring

## BENEFITS IN PRACTICE

- Improved due date performance and customer support
- Reduced inventories and order lead times
- Ensured production according quality targets
- Improved product qualities
- Reduction of production, energy and logistics costs
- Most efficient use of yard storage area with accurate inventory image
- Optimized transports and minimized material movements
- Continuous process improvement based on ongoing documentation of gained know-how

## PRODUCTION



- Production Order Lifecycle Management
- Schedule Execution Management
- Material & Stock Management
- Production Tracking
- Equipment Management

## WHY TAILOR-MADE SOLUTIONS BY PRIMETALS TECHNOLOGIES?

As a worldwide leading engineering, plant-building and lifecycle partner for the metals industry Primetals Technologies successfully combines

- a comprehensive technology and service portfolio in iron- and steelmaking, casting, hot & cold rolling, processing, automation and environmental solutions,
- decades of metallurgical, engineering and plant-building experience and Process Know-How,
- one-stop-shopping for production equipment, process technology and automation and production management as leading provider of process automation (level 2 systems) and know-how packages,
- over 2000 automation projects successfully executed in the metals industry

to optimize production and logistics. Producers of all types of metal products, whether they produce carbon- and high grade flat steel, long rolled and tubular products as well as special steel, aluminum or copper products, are all profiting as our customers.

## Primetals Technologies Germany GmbH

A joint venture of Mitsubishi Heavy Industries and partners

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