



# PSImetals Newsletter



**Production management for metals – 02/2007**

After our event marathon in June and the summer holiday season, we are pleased to send you the latest edition of our *PSImetals* Newsletter today.

We would also ask you for your feedback on something we have done – we have redesigned our website and we look forward to receiving your comments. For further details, please see the overview of subjects.

## Successful Projects and Implementations

[Acceptance of requirements specifications in the billet store of Saarstahl AG](#)

[SeverCorr: PSImetals in operation in the world's most advanced mini-steelworks](#)

## A request of our own

[Our new website – prize draw for all replies received by 31 October 2007](#)

## Latest Orders

[PSImetals for the Pervouralsk steel making plant of the ChTPZ Group, Russia](#)

[Specification for electronic shift log in the melting shop at Aluminium Norf](#)

[Slab logistics study at Arcelor Mittal Eisenhüttenstadt](#)

[PSImetals for coil optimization at Rasselstein](#)

[PSImetals for coking plant automation at Shougang Caofeidian, China](#)

## Events

[Steel 2007 in Düsseldorf](#)

We would be very pleased to receive questions or helpful suggestions from you. Please don't hesitate to give me a call (+49-30-2801-1817) or send me an e-mail [a.poehl@psi-bt.de](mailto:a.poehl@psi-bt.de).

Yours sincerely  
Annett Pöhl  
Solution & Product Management  
PSI BT GmbH



**On top with PSImetals**



## Successful projects & implementations

### **Saarstahl AG: Successful acceptance of requirements specifications for the billet store at the Burbach works**

At the end of 2006, Saarstahl AG decided to adopt *PSI metals* WTM as the new logistics system for the billet store at the Burbach works. The requirements specifications were successfully accepted at the beginning of July 2007.

*PSI metals* as the warehouse and transport management system is expected to increase inventory transparency by knowing at any time where which billet is to be found. By integrating the rolling plan functionality, *PSI metals* automatically assigns billets to the rolling production orders on the basis of restrictions in order to ensure continuous feedstock supply for the furnace. Semifinished products are hence stored in an optimized manner corresponding to the planned rolling program; unnecessary re-storing operations are reduced. Crane operators are supported in their daily routine and workloads are reduced thanks to fewer crane operations. Crane operations and travel distances are expected to be reduced too. The system is designed for 7\*24 operation in order to ensure continuous and trouble-free production.

*If this topic is of your interest please contact us!*

### **SeverCorr: *PSI metals* in operation in the world's most advanced mini-steelworks.**

At SMS Demag AG's newly built works at Columbus/Mississippi, *PSI metals* was successfully commissioned as an overall production management system in mid-August. The scope of delivery of *PSI metals* includes production planning functions for all lines and plant sections, sequencing functions, implementation & management of production orders as well as an integrated quality management system.

*PSI integration* is responsible for communication with the different systems on plant and company management level. *PSI metals* was introduced parallel to the construction work managed by SMS Demag. Thanks to the short implementation time of just 16 months for all plants (SMP, CSP, HRM, CRM), SeverCorr is capable of ensuring the production of high-tech sheet metal according to the most demanding quality standards and at the highest level from the very beginning of production. The world's most advanced mini-steelworks (annual capacity of 1.5 million tons) covers the areas of steelmaking, hot rolling mill and cold rolling mill with a galvanizing line for the production of sheet metal for the automotive industry.

*If this topic is of your interest please contact us!*

## And now to us

### **Feedback on our new website [www.PSImetals.com](http://www.PSImetals.com) requested+ prize draw**

Although it may seem to be quite unchanged at first, we have in fact reorganized and redesigned our website. Our paramount goal is to see and describe our market (software solutions for the metal producing industry) from your perspective. No matter whether you are already our customer or whether you will become our customer: We are determined to make sure that you can find us on the world wide web and then state PSI is the partner you are looking for!

In order to achieve this, we would like to know your opinion. See and read our website and write to us with your suggestions on what we can improve. In order to thank you for your cooperation, we have organized a prize draw among all replies received by 31 October 2007 with three valuable PSI advertising gifts (you can find them at the [PSI merchandising shop](#)):

- 1 ball point pen with integrated laser pointer and a 2-GB USB stick

- 1 wooden ball point pen from Faber-Castell, shaft made of maplewood, white
- 1 GB USB stick made of brushed steel with a turnable steel bracket closing mechanism

*Please return your suggestions to:*  
Annett Pöhl, E-Mail: [A.Poehl@PSI-BT.de](mailto:A.Poehl@PSI-BT.de)

## News & Events

### Latest orders

**SMS Demag AG for Pervouralsk steel making plant (ChTPZ Group), Russia:** PSI *metals* ALS and PSI *metals* PES for SMS Demag's newly built Pervouralsk steel making plant; sequencing in the continuous casting line and online scheduling for all aggregates in the steelworks.

**Aluminium Norf GmbH:** Specification for the introduction of a so-called "electronic shift log" in the aluminum melting shop; production data acquisition and documentation at all melting and casting lines; process control and visualization, target-to-actual comparison of important process parameters and fault detection.

**ArcelorMittal Eisenhüttenstadt:** Study concerning the conditions for increased slab throughput between steel making plant and hot rolling mill with transport and storage capacity unchanged; identification of measures ensuring both the supply of feedstock to the continuous casting lines and the supply of the hot rolling mill through optimized transport logistics and plant-spanning planning.

**Rasselstein GmbH:** PSI *metals* ALS for coil optimization in the cold rolling mill with the aim of customer-optimized use of residual coils; cutting and welding planning for residual coils, taking defect areas and customer-specific restrictions (coil weight, number of weld seams, etc.) into consideration.

**Uhde GmbH for Shougang Caofeidian, China:** Delivery of PSI *metals* PES for coking plant automation; integration of the AutoTherm™ software from Uhde (automatic measurement and control of chamber wall temperatures).

### Upcoming events:

You can find us at the parallel exhibition on  
**"Stahl 2007 – Competition for the Future"** of Stahl-Zentrum  
on 8 November 2007  
at the CCD.Süd Congress Center Düsseldorf

We will be delighted to now make an appointment with you at the booth (in the pavilion).  
Please contact Annett Pöhl, by e-mail: [A.Poehl@PSI-BT.de](mailto:A.Poehl@PSI-BT.de) or call her at +49-30-2801-1817.

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