

Company

Set up in 2010 by the merger of leading Brazilian companies in steel manufacturing and distribution sectors, Soluções Usiminas operates with steel produced by Usiminas Pants, adding services (such as cutting and welding), logistics and volume adaptation to customers' needs of any size.

- Location: 11 sites in Brazil
- Industry: Steel Conversion
- Annual production: 1 m tpa
- ERP System: SAP
- Platform: Windows server 2008
- Database: Oracle

Objectives

- Improve operational efficiency (scrap and setups minimisation)
- Improve planning productivity
- Reduce stock levels and improve stock utilisation
- Reduce order lead time

Implemented Solutions

- X-Trim for waste minimisation
- opt-Studio for scheduling
- APS Connector for SAP integration

The project started in the end of January 2012 and finished, with all mills live, in March 2013.

Benefits

- Scrap reduction: 0.5 % (US\$ 1,683K p/a)
- Semi-finished stock reduction: US\$ 3,866K
- Trim waste reduction: 0.80% of total production
- Workforce automation and reduction of the headcount: US\$ 312K p/a
- Better choice of stock reels

Adding up the impact of all the benefits above, they imply 0.5% of Soluções Usiminas' annual sales.

"Greycon is a long term partner. It was very committed to the project and to Soluções Usiminas succeeding with it."

Eduardo de Carvalho
IT Manager
Usiminas