Choosing and Using SaaS for Warehouse Management at ThyssenKrupp Steel USA

Inhaltsverzeichnis

14.1 ThyssenKrupp Overview 208
14.2 ThyssenKrupp Steel USA, LLC 208
14.3 Construction Site Logistics in Alabama 209
14.4 Parameters for the Search 210
14.5 Selection Criteria for the WMS Software 211
14.6 Why SmartTurn? 213
14.7 SmartTurn IT Landscape 214
14.7.1 Data Center 214
14.7.2 Operations/Maintenance Network 214
14.7.3 Software 216
14.8 ThyssenKrupp Steel USA’s experience with SmartTurn 216
14.1 ThyssenKrupp Overview

Driven by ideas and innovation, ThyssenKrupp is an integrated materials and technology group offering solutions for sustainable progress worldwide. Eight business areas focus the Group’s activities and know-how in the strategic competency areas of Materials and Technologies. Our committed and skilled employees are meeting the challenges of the markets: High-performance materials and plants, components and systems form forward-looking capabilities for customers in over 80 countries.

The Steel Americas business area will develop the American market for high-quality steel products. It currently includes construction projects of a processing plant in Brazil and a steel manufacturing facility in Alabama.

14.2 ThyssenKrupp Steel USA, LLC

ThyssenKrupp has committed to investing $4.2 billion in world class, state-of-the-art carbon and stainless steel processing mills in the state of Alabama. The facilities are a cooperative effort between two separate ThyssenKrupp segments – Steel and Stainless. Both have been approved by the ThyssenKrupp AG Supervisory Board and are an important part of ThyssenKrupp’s NAFTA growth strategy. ThyssenKrupp Steel USA is the carbon steel portion of the project and represents 70% of the project’s overall investment and employment. ThyssenKrupp Steel USA is scheduled to begin operation in the spring of 2010, and when fully operational, employ nearly 2000 team members.

ThyssenKrupp Steel USA will manufacture and process carbon steel products for high-value applications by manufacturers in the United States and throughout the NAFTA region. The plant will serve industries including automotive, construction, pipe and tube as well as service centers.

ThyssenKrupp Steel intends this new facility to be a model for 21st century industry. It will use advanced technology processes and equipment to make high quality, competitively priced carbon steel products. The plant will include a hot strip mill which will be used primarily to process slabs from ThyssenKrupp Steel’s new steel mill currently under construction in Brazil. It will also feature cold rolling and hot-dip coating lines for the production of higher end materials. The facility will have an annual capacity of 4.1 million metric tons of carbon steel coils.