

Contact: David Siegel
Gensym Corporation
781-265-7100

LeNickel-SLN Expands use of Gensym's G2 at World's Largest Ferronickel Plant

Rule-Engine Expansion to Yield over \$750,000 Savings per Year

BURLINGTON, Mass., April 21, 2005 — Gensym Corporation (OTC Bulletin Board: GNSM), a leading provider of rule engine software for mission-critical solutions, today announced that LeNickel-SLN (SLN), the number one producer of ferronickel and a subsidiary of the Eramet Group, is expanding its use of Gensym's G2 real-time rule engine platform to all of the rotary kilns at the company's Doniambo plant in New Caledonia. The Doniambo plant, which is the world's largest ferronickel production facility, expects to achieve savings of more than \$750,000 USD per year as a result.

Rule-Driven Expert System Proves Value

To investigate how to better meet the challenges of kiln control, SLN in 2002 deployed a pilot expert system application, based on Gensym's G2 rule engine software, in their Doniambo plant to automate the supervisory control of a single kiln. The application captures and applies the knowledge of SLN's best operational experts. It applies rule logic to process data in real time, predicts potential problems, makes supervisory control decisions, and takes actions based on those decisions in either open- or closed-loop mode.

The pilot application showed that:

- kiln reaction efficiencies improved by significantly increasing kiln outlet temperatures – by an average of 25 degrees Celsius;
- shutdowns due to excessive fusion of ore were reduced by up to one percent;
- energy consumption decreased; and
- the expert system ran in closed-loop mode at least 80 percent of the time.

Based on the success of the pilot, SLN, with help from Gensym's partner Daesim, is expanding its expert system for use on all five of its Doniambo kilns during 2005. When complete, total annual savings are estimated to be over \$750,000.

“We are very pleased with the operational results we were able to achieve through the use of Gensym's G2 software,” said Sylvain Marcovici, SLN expert system engineer. “Rotary kilns, which are at the heart of the ferronickel production process, are challenging to operate at peak performance. Operators must control the kiln settings to balance conflicting objectives such as

running at the highest possible outlet temperatures (up to 950 degrees Celsius), avoiding excessive fusion of nickel ores that can lead to shutdowns, and assuring compliance with environmental regulations.

“Gensym’s G2 software enabled us to readily enter and maintain the real-time rule logic needed to automate these complex supervisory control decisions through the use of a graphical rule language that is part of G2. The rule logic is also reusable, which is saving development time as we expand to additional kilns. We are reusing approximately 80% of the rules from the pilot application.”

“We are most impressed with SLN’s application,” said Don Wilkey, managing director of Daesim. While we assisted with some of the more technical aspects of their G2 application, SLN’s industrial information technology team directed by Didier Chauvet was able to develop the majority of the expert system with minimal training. It is a pleasure to support them as they roll out the application across their plant.”

“We commend SLN and its engineering team on this outstanding application,” said Kim Mayyasi, Gensym’s president and CEO. “The benefits realized from the plant-wide deployment of our G2 software will help SLN fulfill its growth strategy and maintain its competitive edge in the global nickel market. This is an excellent example of how a partner like Daesim provides added value to our customers by applying its own expertise to a rule engine driven solution. We look forward to more good results from SLN and Daesim.”

About LeNickel-SLN

Le Nickel-SLN is a part of the French Eramet group, specialists in the production of alloys, manganese and nickel. SLN employs over 2000 people and is the world’s leading producer of ferronickel, an alloy used to make stainless steel.

About Daesim

Daesim Technologies Pty Ltd (www.daesim.com) is a process systems engineering and technology company located in Brisbane, Australia. Daesim provides software and services in the areas of systems integration, process control, data analysis, modeling and simulation, planning and scheduling, decision support, and risk assessment. Daesim is a systems integrator and certified trainer for Gensym.

About Gensym Corporation

Gensym Corporation (www.gensym.com) is a leading provider of rule engine software and services for mission-critical solutions that automate decisions in real time. Gensym’s flagship G2 software applies real-time rule technology for decisions that optimize operations and that detect, diagnose, and resolve costly problems. With G2, the world’s largest organizations in manufacturing, utilities, communications, transportation, aerospace, finance, and government maximize the agility of their businesses and achieve greater levels of performance. Gensym and its numerous partners deliver a range of services throughout the world, including training, software support, application consulting, and complete solutions.

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