



RosettaNet Standard for Communication with Business Partners

In order to improve and stabilize its own market position, FRIWO wants to present itself as an innovative company, show its customers new ways and continually improve cooperation. To achieve these goals, FRIWO relies on the electronic exchange of business data via the EAI component of the inubit BPM-Suite, using the industry standard RosettaNet.



About FRIWO Gerätebau

Worldwide the FRIWO group stands for power supply and recharging technologies at the highest stage. The group develops, produces and markets power supply units and rechargers, according to varying technical and country-specific requirements.

Operationally the FRIWO group consists of a holding company (CEAG AG) and the business units FRIWO Mobile Power and FRIWO Power Solutions.

FRIWO is a globally acting technology company with its own development, manufacturing and sales units present in all important markets.

Requirements

In order to steadily enhance customer satisfaction and delivery reliability, a solution for the electronic interchange of business data was to be found:

- ▶ Handling of the exchange of business documents via the communication standards defined by RosettaNet
- ▶ Support of all processes defined in the RosettaNet standard

Solution

The EAI component of the inubit BPM-Suite builds the basis for the electronic exchange of data:

- ▶ Support of the RosettaNet Implementation Framework V2.0 via the inubit RosettaNet Connector
- ▶ Verification of incoming messages with regard to their syntax, conversion into XML
- ▶ Archiving of received data for later use
- ▶ Generation of valid RosettaNet messages out of PIP messages preprocessed in the workflow
- ▶ Provision of processes defined within the RosettaNet standard in form of Business Workflows, connection with Technical Workflows

Results Achieved

Thanks to the integrated architecture of the inubit BPM-Suite FRIWO is now able to communicate securely and efficiently with its partners:

- ▶ Central communication interface for all customers and logisticians involved in the process
- ▶ Integration of staff members via web applications
- ▶ Generation and editing of process data
- ▶ Global provision of information for various subsidiaries allows quick and flexible reaction towards market changes

As manufacturer of power supply units and rechargers for different technical fields of application, FRIWO faces permanently changing challenges from various industries. These include industries which experience constant change accompanied by continuously increasing cost and innovation pressure, as for example the home entertainment or mobile communications sector.

In order to become the worldwide leading provider of rechargers for mobile phones and to strengthen this position, FRIWO wants to present itself as innovative company and show its customers new ways in order to continually improve cooperation. The focus is on Collaborative Forecasting and Demand Planning

To steadily enhance customer satisfaction and delivery reliability, the FRIWO group focuses on the electronic interchange of business data using the inubit BPM-Suite's EAI component and the RosettaNet standard which is widespread in this industry. FRIWO uses the inubit RosettaNet connector which not only offers an easy and efficient implementation of RosettaNet messages but which also supports the processes defined in the RosettaNet standard.

Features of the Integration Solution

FRIWO profits from the advantages of an integrated Business Process Management system. For this end, the RosettaNet connector supports the RosettaNet Implementation Framework V2.0 (RNIF). Incoming messages are checked for their syntax and converted into an XML format. Received messages are archived and made available for later use. A valid RosettaNet message is generated out of PIP messages preprocessed in the workflow. Used message IDs are generated and controlled according to RosettaNet Implementation Framework.

The processes defined according to the RosettaNet standard are provided in form of Business Workflows and are connected with the Technical Workflows. Communication partners are not only FRIWO customers, but also all logisticians involved in the process. Incoming messages are made available to the staff for further processing in Excel files. Responses and outgoing messages in turn are created in form of Excel files by staff members, are imported and transferred to RosettaNet compliant messages, and finally transmitted in a standard-compliant way.

Benefits

Thanks to the integrated architecture of the inubit BPM-Suite FRIWO is now able to communicate securely and efficiently with customers, business partners and employees. The FRIWO group is now also able to retrieve and process data easily. The obtained information can be provided globally for different subsidiaries and evaluated by employees. In this way, the inubit BPM-Suite supports FRIWO to react quickly and flexibly to market changes.