

## Stock Reporting – MySpace@Vopak

To provide customers with inventory and order visibility, Vopak has developed a secured self service solution called MySpace@Vopak.

MySpace@Vopak provides up-to-date, real time, accurate information 24 hours a day, 7 days a week taken directly from our ERP system regarding:

- ✓ Inventory
- ✓ Orders (status)
- ✓ Calls (arrivals, handling and departures of means of transport)

Customers, having products stored at multiple Vopak Terminals, thereby have complete visibility of the orders and inventory across these terminals. In addition to the information being made available on-line, all information can also be downloaded into Microsoft Excel spreadsheet format for internal use or processing.

## Vopak A global network



Vopak stores and handles a large variety of products for companies operating in the chemical and oil industries worldwide. With over 73 strategically located terminals in 29 countries on 5 continents, Vopak offers a truly global network.

Vopak  
E-business  
offering

### Vopak Chemicals EMEA B.V.

Wieldrechtseweg 50 | 3316 BG Dordrecht  
P.O.Box 650 | 3300 AR Dordrecht  
The Netherlands

#### For more information:

tel.: 0031-78-652 83 38  
fax: 0031-78-652 83 33  
info@vopakbenelux.com

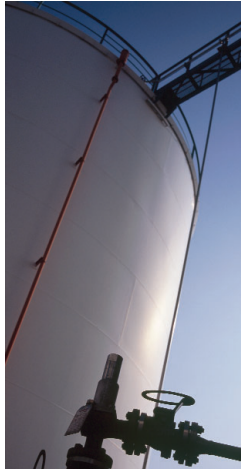
[www.vopakbenelux.com](http://www.vopakbenelux.com)



# Vopak

Vopak  
E-business  
offering

Vopak uses e-business solutions to support its logistics services to customers. Vopak's e-business offering encompasses our internet based MySpace@Vopak.com and ERP-to-ERP connectivity to exchange transactional instruction information via digital means, without human intervention. For the future, Vopak will expand its e-business capabilities by offering web-enabled order entry and by making available more web-enabled reports. E-business solutions are key in delivering high level of service towards our customers. Accurate, timely exchange of information between Vopak and its customers is crucial for the safety, reliability, and reduction of data errors to improve the effectiveness of supply chain operations.



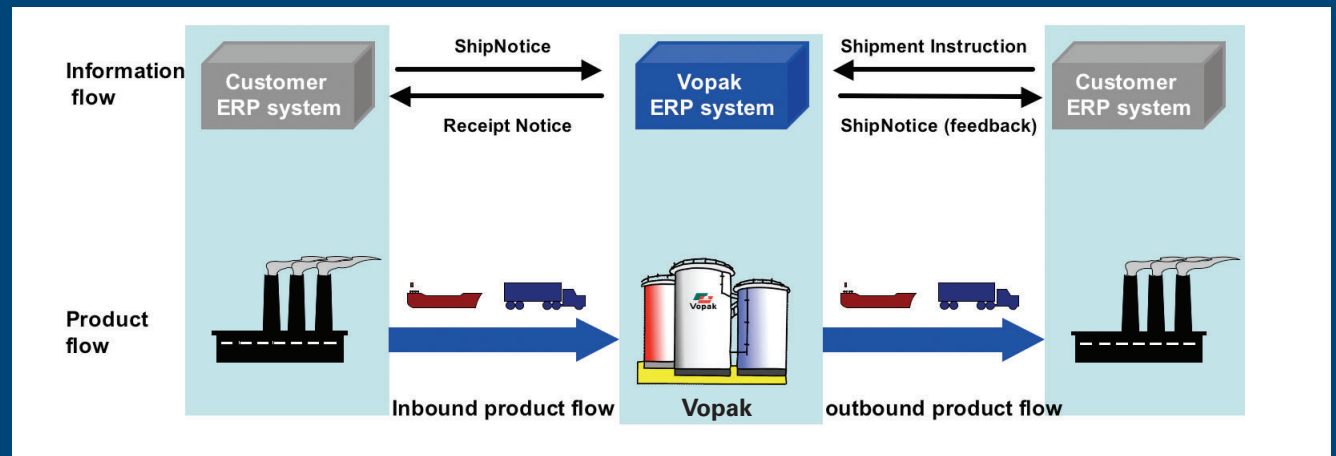
## ERP-to-ERP Connectivity

Adapting industry message exchange standards for the Chemical Industry, Vopak can now receive electronically almost any type of instruction (deliveries, receipts, pipeline movements) covering all modes of transports. In addition Vopak will generate a standardized message after the instruction is being executed, which can be used by the customer for automatic upload in their ERP system.

ERP-to-ERP connectivity replaces the communication flow via faxes and/or on-site customer ERP system workstation.

Vopak currently has implemented 4 messages enabling instruction automation for inbound (to Vopak terminal) and outbound (from Vopak terminal) product flows, covering all modes of transport. These are the Shipment Instruction, Ship Notice, Ship Notice feedback and Receipt Notice. In the future more type of instructions like tank transfers will be implemented.

An overview of the message flow in relation to the product flow is presented in the picture below.



Vopak uses the industry standardized messages definition (version 4.0) as set by the Chemical Industry Data Exchange organization. Vopak welcomes direct connectivity with customers (Point-to-Point), as well as connectivity via industry electronic hubs (on request).

