

## SMC tracks and ships inventory swiftly, accurately and at low cost with a solution from IBM and Initech



### Overview

**Initech, LLC**  
**Marietta, Georgia**  
**[www.initech.com](http://www.initech.com)**

### Products

- IBM DB2® Universal Database®
- IBM WebSphere® Application Server Express
- IBM System i® 515 and i50S®
- WAVE from Initech



*"The remote testing of WAVE at the IBM Innovation Center in Kuala Lumpur from our Marietta headquarters proved that WAVE can be implemented successfully in any client application around the world."*

*Kallol Nandi,  
chief executive officer,  
Initech*

Initech, an IBM Business Partner, is dedicated to the automation of warehousing and transportation management. Its flagship offering, WAVE, is an easy-to-implement warehouse management and transportation solution that anticipates issues and executes strategies to help keep inventories and shipments flowing at high speed, low cost and near 100 percent accuracy.

### Challenge

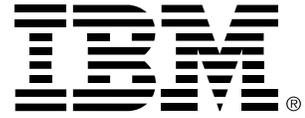
SMC, which is headquartered in Singapore, is a leading pneumatics supplier. While having ample warehouse space, the company had outgrown manual inventory control processes. SMC needed a system that could help track thousands of different types of valves, sensors, fittings and vacuums in real-time, as well as handle millions of shipments.

### Solution

SMC chose an IBM and Initech solution. WAVE, from Initech, is an end-to-end application that integrates receiving, stocking, replenishment, order fulfillment and shipping. It runs on an IBM System i model 515, with i50S. SMC maintains its mission critical inventory of stock with WAVE and IBM DB2 Universal Database – giving management up-to-the-second visibility of its products. WAVE is integrated with the SMC enterprise resource planning system, allowing seamless downloading of customer orders and new parts without costly and error-prone re-keying of information. Collaboration among staff members at the warehouse can take place using IBM WebSphere Application Server Express. The solution assures that warehouse locations don't drop below minimum stock levels.

### Benefits

- Shipping capacity across Asia increased by 25 percent
- Expenses were reduced by moving to a 25 percent smaller warehouse because of faster, more accurate warehousing and shipping
- Orders were filled with near 100 percent accuracy



© Copyright IBM Corporation 2009  
Route 100  
Somers, NY 10589  
U.S.A.

Produced in the  
United States of America  
06-09  
All Rights Reserved

International Business Machines Corporation, ibm.com, the IBM logo, DB2, DB2 Universal Database, i5OS, System i, and WebSphere are trademarks or registered trademarks of IBM Corporation in the United States, other countries, or both.

Other company product or service names may be trademarks or service marks of others.

The information contained in this documentation is provided for information purposes only. While efforts were made to verify the completeness and accuracy of the information contained in this documentation, it is provided "as is" without warranty of any kind, expressed or implied. In addition, this information is based on IBM's current product plans and strategy, which are subject to change by IBM without notice. IBM shall not be responsible for any damages arising out of the use of, or otherwise related to, this documentation or any other documentation. Nothing contained in this documentation is intended to, nor shall have the effect of, creating any warranties or representations from IBM (or its suppliers or licensors), or altering the terms and conditions of the applicable license agreement governing the use of IBM software.