Excel Logistics/ERP Solution
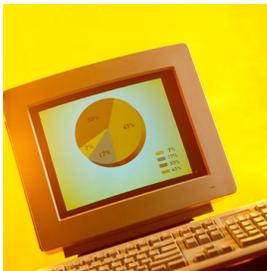
Excel DMS

Excel Distribution Management System (**DMS**) is an effective distribution management solution that computes the pick-up and delivery routes and schedule for vehicles, optimizing some criteria like minimum distance or earliest delivery of specific orders, while keeping constraints such as legal working time constraints, vehicle capacity and specific capacities (e.g. refrigerated). The system produces the best schedule to satisfy a series of orders to pick-up and/or deliver products at a given customer or warehouse. Additionally, the system can calculate the best cost comprising a combination of traveled distance, numbers of vehicle and the total working time of vehicle drivers. A panel also enables the user to decide how much importance each of these three (possibly) conflicting goals will get, by setting percentage on each objective. The application goal is to produce the vehicles' schedule, including the choice of the vehicle to take care of each order.

The optimized functionality of ILOG's engine in the system allows data to be entered and set up in a database while the process and result can be displayed graphically by chart. As the data is stored in the database, it can be easily modified when needed.

The basic data consists of the following:
- Products that can be delivered and their characteristics
- Vehicle types
- Fleets of available vehicles
- Topological information (routes, distances)
- Customers and warehouses information (position, availability, time windows)

Excel e-Fulfillment

The e-Commerce revolution began with companies offering consumers the ability to purchase products through online catalogs. Business-to-business (B2B) procurement and order entry systems quickly emerged, boasting tremendous efficiencies in the order entry process. **Excel e-Fulfillment** solution actualizes the fundamental concept of Supply Chain and bolsters the efficiency of communication in the entire value chain.

Excel e-Fulfillment is an online technology system that provides product tracking, order tracking, inventory availability, delivery management, inventory status, returns management, international shipment regulations and other vital information related to logistics. Excel e-Fulfillment also provides auto-adjustment in invoices' sequence according to the company's business need.

Key Features:

- Can be integrated with back-end warehouse/inventory management systems
- Can be integrated to an e-ERP system, providing a more complete online management of the entire value chain
- Accurate and prompt process of order form and delivery note
- Delivery routes administration
- Multi-level order/inventory/role management
- Support multiple languages/platforms/J2ME
- Support various facilities
- For clients：

  - Products pricing enquiry/amendment, order/inventory enquiries, request of product quotation, and procurement transmission.

- For customers：
  - Order status enquiry, pricing information, and procurement transmission services.

- For staff：
  - Delivery routes administration, order processing, product maintenance, and user accounts management.

Excel eBusiness Solution Suite

Excel eBusiness Solution Suite consists of the following solutions:

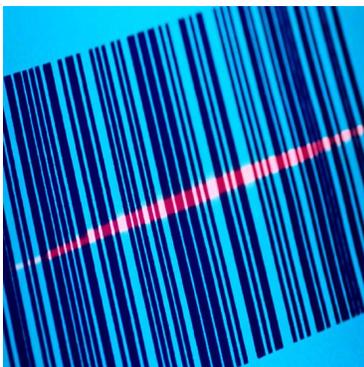- ❑ **e-ERP**
- ❑ **e-Shop**
- ❑ **e-Catalog**

e-ERP

ERP automates the tasks of the major functional areas of a company - finance, HR, sales and distribution, just to name a few. It stores all the data from those different areas into a single database, accessible by all. With the use of Internet technologies, ERP is revolving into e-ERP and becomes the business-to-business (B2B) e-Commerce extension of the ERP system.

Excel e-ERP is an effective ERP solution for companies to take advantage on the Internet technologies and to develop its e-business. Excel e-ERP can integrate with a company's back-end ERP system to allow real time data and reports retrieval on inventory, financial statement and purchase order etc. Companies can further increase information and process intimacy with other value chain members, thus making the transition to e-business successfully.

e-Shop

 Excel e-Shop offers a virtual shopping mall for companies that wish to extend their business onto the web to consumers. With an Excel e-Shop front-end, companies are able to tap into a new market and pro-actively reach out to a large pool of e-customers. Companies will also be able to discover a new channel for untapped revenues by riding on collaborative up-and-crossing selling to their customers. With Excel e-Shop's user-friendly interface, flexible and easy administration, and convenient back-end management tool, companies will find e-Shop a powerful tool for them to stay competitive in the Internet Age.

e-Catalog

Excel e-Catalog is a fully functional electronic products catalog that provides a virtual facility for any business to present its products to customers in the world, via Internet. Excel e-Catalog transforms traditional the ordinary sales and marketing activities into a complete electronic distribution channel, thus providing a real competitive advantage to companies who wish to put their business on the Internet.

*Key Features***:**

- Can be integrated with any Supply Chain Management/ ERP system
- Can be integrated with an Order and Quotation processing system
- Modifiable front-end interface
- Easy-to-use back-end management tool