

Garment Exporter 1

Case Study

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This company is a leading exporter of garments with operations spread across four locations. The company exports mainly to the leading department stores and mail order companies in Europe.

Direction Software Solutions was engaged in providing a product, which enables the company to manage its operations efficiently, and optimize the use of its resources, helping it to improve performance.

Requirements

The primary requirement of the software is to help manage, monitor its supplies, production cycle, resulting in on-time delivery, which is very critical to the growth of the business. The product had to co-exist with the existing applications, cater to current and future needs, as well as meet the functional, design and usability goals of the company.

- Extensibility - to provide for customization and to be flexible for enhancements.
- Scalability - to support a large user base, while maintaining the performance.
- Security - provide for complete customizable, access privilege, user-level security as well as system maintenance operations such as archiving for reducing the risk of data corruption or data loss.
- Maintain extensive audit trail mechanism to record all events related to the use of records and any changes in the system.
- Ease of use in creating and retrieving information by the users.
- Extensive reporting functionality based on user defined criteria.

Solution

Direction Software Solutions developed the system using extensible three-tier windows architecture. The system comprises of three major modules: a server, an administrative console and a client module.

- The Server enables the administrator to manage user accounts, categories, parameters and other administrative tasks. The server comprises of server executables and SQL 7.0 database that has been designed to sustain improved performance while allowing customizations to the system.
- The Admin console serves as the central point of system administration for the software. It allows administrators to create groups, users, roles and parameters associated with the system.
- The Client Module, (which are located in a LAN), serves as the system front-end, allowing the users to enter the orders, retrieve information related to the orders and also perform the basic operations. The client provides a customized view of the database for each user based on login privileges.

The bottom line is the software serves as a powerful tool to help manage all the aspects critical in the order cycle.



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