



Direction Software Solutions

Case Studies

(Consultancy)

A Garment Exporter



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A Garments Exporter

This company is one of the top 5 exporters of garments with operations spread across multiple locations. The company's exports are mainly to the leading department stores and mail order companies all over the world including USA, Canada and other European and Asian Countries.

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. The management gets updated information of all critical orders by means of mails / fax / reports from the products at a single click. It also maintains an audit history of all the entries into the system, thus helping the management to view the proceeding in their company.



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Requirements:

In competitive environments it is very imperative to have on-time delivery of garments, which is very critical for the growth of the business. Therefore the basic or primary requirement of the software is to help it manage its day-to-day activities, monitor their supplies, production cycle, shipments cycle or the documentation, which will result in on-time shipments. The product had to coexist with the existing applications, cater to current and future needs as well as meet the functional, design and usability goals of the company. The product should be an integrated system to track an assignment right from the time of getting the orders till the time it gets shipped.

- 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.
- Mailing / Faxing information to different locations of the company.
- Linking different factories or offices of the company and enabling them to work as a single unit.



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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.

1. 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.
2. 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.
3. 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 product helps to mail / fax the reports or information between different offices of the company, helping them to improve their productivity.

The product is flexible enough to enable the user to create their own reports as per the requirements that arise in the future.

The product gives an online or offline solution to the information or data entered into the system at different location or factories of the company. This will keep the management updated of the proceeding at their different locations on a daily bases.

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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