

Delhi Freight Carriers

“Fleet Management using WOLF SaaS Application Development Platform”

Industry: Transport and Logistics

Published: April 18, 2009



COMPANY PROFILE

Delhi Freight Carriers is a leading Gas and Bulk Cargo carrier with operations spread across 40 plus locations in Southern India, owning more than 100 plus trucks, moving goods on a daily basis between various contracted source and destination locations.

They decided to meet their real time customer demands by automating the entire fleet movement & operations and adding back office reporting & tracking functions and chose to use WOLF On Demand Platform-as-a-Service for developing-deploying their multi-user, cloud based Fleet Management SaaS business application.

BUSINESS CHALLENGES:

- The need to automate the entire logistics and fleet management for Delhi Freight Carriers, a transport company owning/managing more than 100 vehicles moving goods on a daily basis between various contracted source and destination locations.
- Provide Truck movement, cargo monitoring & collaboration capabilities between supervisors located in different customer location plants, responsible for difference trucks & customer accounts. Currently the organization has heavy dependency on Excel sheets and paper records distributed across locations.
- No systematic alerting mechanism to generate different types of vehicle related statutory payment alerts, causing several penalty payments on the company by the authorities.
- Existing manual system was cumbersome, error prone and there was access to sensitive data due to the lack of no proper role-user security structure.
- Keeping track for all vehicles and deriving intelligence and cost analytics for every truck freight movement is a major challenge. No analysis was available for truck movement, driver performance, etc.
- Manually tracking expenditures related to the movement of each vehicle such as freight, advance, balance, gas cost, etc.
- The system was to be up and running within 2 weeks and used by non IT savvy field force. DFC team decided to put limited development time with no capital expenditure to get the system running.

“...The moment we finished the application design, our fleet solution for 100 trucks was up and running with no coding at all. Field staff is able to enter data using the excel-like interface and we have activated vehicle specific alerts. This is an impressive platform...”

-Krishan Agarwal,
Managing Director, DFC

SOLUTION: WOLF designed a Fleet Management SaaS Application for DFC within two weeks with zero capital expenditure and real-time cost/performance analysis reports.

- WOLF team helped DFC to develop a web based logistics and fleet management SaaS application accessible using a browser. The application interface was designed similar to Excel sheets currently being used thereby enabling non technical users to easily adapt to the system.
- Introduced the categorization of the various vehicle related alerts and created a process for easily monitoring and adding-updating of new alert items.
- Enabled the categorization of operations and related data such as customers, stations, vehicles, etc. So that different teams would work with only relevant data. The web application further enabled collaboration of geographically dispersed teams and streamlined the process of data consolidation by replacing the existing Excel sheets and minimizing the use of printed paper records.
- Implemented strict security and access control to ensure data integrity and privacy. Creation of Users based on different Roles, thereby preventing unauthorized access to expense information and other sensitive data.
- Performance bench marks and cost analytics related business rules were added at every stage of the truck movement process to bring process improvement, fraud prevention measures and derive intelligence from routine data. Automated the process of report generation based on custom criteria and predefined business conditions via locations or trucks.
- Automated capturing of expenses related to every movement of a vehicle. Moreover, implemented custom interfaces for viewing and printing of the expenses based on different criteria.

TECHNOLOGY

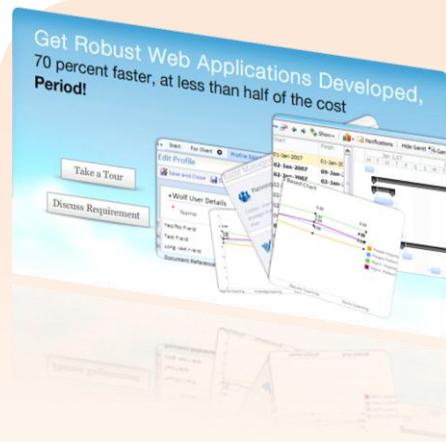
- **Technology:** Microsoft.NET 4.0
- **Database:** Microsoft SQL Server, MySQL
- **Web Server:** IIS 7
- **Private Cloud Deployment License:** Supports Windows Server 2008 R2 with Hyper – V
- **Public Cloud:** Microsoft Azure, iWeb

BENEFITS: From Excel sheet to dedicated browser based-personalized SaaS Business Application for complete Fleet Management within 2 weeks time.

- Automated Fleet Management with a significant reduction in human errors, increased visibility into the system and overall business process.
- Controlled collaboration of teams across operational locations eliminated the use of distributed Excel sheets and limited the use of printed paper records.
- Significant increase in productivity and reduction in operational costs. Reduced the time spent daily in documentation, data entry and updating of records which was previously done manually from the central office only. Now every location supervisor enters their trucks data and the system is always up-to-date.
- The application was up and running within 13 working days and users were on board with only 2 hours of quick demonstration. High data security with 128 bit encryption enabled URL, access controlled role based user system with options to export data based upon individual login.
- Activated vehicle specific important dashboard alerts.

70 Percent faster development: WOLF Application Platform generates code based upon the Business Design without writing technical code. The Fleet Management Application Design is what took the time and development time was absolutely minimum and so was deployment. The SaaS application is bundled with WOLF Platform which comes along with ready cloud computing infrastructure.

Lower Operational Cost, Protected IP and Zero Capital Investments DFC only paid for the Application designing hours and not towards setting up Hardware-hosting infrastructure or software license. The Intellectual Property of the Fleet Management Application belongs to Delhi Freight Carriers and the Application Design is residing in their WOLF Account. There is no maintenance fee, only per user per month user fee and the platform is always automatically updated with the latest features for the DFC Fleet Management Application.



COMPANY and PRODUCT PROFILE

WOLF is a Cloud based Platform-as-a-Service that helps you design, deliver and use Software as a Service (SaaS) applications using only a web browser. The framework helps professionals and businesses to **focus on application innovation, rapid speed to market and continuous enhancement** rather than writing routine technical code and managing the infrastructure behind it.

WOLF greatly reduces the barrier to convert an idea or business process into an online web application by offering:

- **Prebuilt SaaS Architecture** that handles multi-tenancy, scalability, provisioning, etc.
- 'Out-of-the-box' **Code-Free Design Framework** that enables rapid development of robust applications.

WOLF Frameworks Platform is used to design & deliver a host of business applications catering to multiple industries. WOLF team brings thousands of man year experiences, ranging from commercializing Business Processes as On Demand SaaS, Cloud Strategy consulting to deploying solutions in leading Public and Private Clouds. WOLF is headquartered in India with offices in United States and is represented via solution partners worldwide.

Website: <http://www.wolfframeworks.com>

For More Information

For more information about WOLF products and services, call the WOLF Sales Information Center at +91 98865 46085. To access information using the World Wide Web, go to: <http://www.wolfframeworks.com>

© 2006-2010 WOLF Frameworks India Pvt. Ltd. All rights reserved.

This document is for informational purposes only. WOLF MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS SUMMARY. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.