Micr**excel**®
Your Technology Partner

Case Study

A leading global aviation services provider achieves 40% enhancement in productivity by deploying Trip Management System and Flight Planning

Leading global aviation services provider implements enhanced Trip Management System and Flight Planning

Quick Facts

Background

Solution

Benefits

Industry: Aviation Services

Location: North America

About the Client

Client is a leading provider of airline and aviation services.

Background

- ▶ In order to reduce their operation costs, client was looking to streamline their prevalent processes

- ▶ Their requirements included single unified ERP system as replacement for legacy System

- ▶ The new system, while retaining all prevalent functionalities, was expected to be more stable, highly usable and deliver additional benefits by way of streamlined operations and delivery of customer focused solutions

Solution

- ▶ Microexcel proposed to develop Trip Management System and Flight Planning system which fulfilled all existing and future business requirements and thereby removed all dependencies from the legacy system while improving process efficiency.

- ▶ The solution provided a comprehensive view of the operations across different departments and helped spot irregularities in the operations

- ▶ The information integration allowed all involved departments work in real time

Benefits

- ▶ Provided a single platform for unified operations with a significant reduction in TCO

- ▶ Transparency throughout organization

- ▶ Stability and usability enhancement

- ▶ Robust operations by reducing operational cycle times and costs

- ▶ Simplified and improved processes from planning to operations

- ▶ Real time data flow and ease of access

- ▶ Improving existing processes with intelligent automation

Microexcel®

Microexcel

developed a single platform for unified operations across all entities within the organization with a significant reduction in Total Cost of Ownership

Background

The client, a leading force in the Aviation Services market segment, faced several disruptions and inaccuracies caused by their prevalent legacy system. Client was also apprehensive of dependency on a legacy system and the eventualities related to challenges with upgrading and migrating data, leading to business-critical data loss and threat to business.

This realization of imminent risk to business triggered the need for implementing a robust, single unified system to streamline operations and provide access to the data from across the globe. With these key business objectives in mind, the client sought to identify and onboard a partner who can help them meet their business by:

▶ Implementing a robust cross-functional ERP as a replacement of their legacy system

▶ Addressing compatibility issues between the legacy systems, platforms, and databases

▶ Delivering a one-stop-shop for end-to-end execution covering planning-production-result monitoring

Microexcel was selected to partner with the client for this Custom Software Development initiative due to our expertise and customer-centric solution approach which offers unmatchable TCO and RoI.

Microexcel®

Solution

After a thorough review of the existing landscape and detailed consultative discussions, Microexcel's solution approach aimed at developing a robust ERP solution capable of attaining and leveraging real-time data and providing effective control over industrial, financial and business-critical activities by deploying best of technology through experienced cross-functional team.

Client approved the plan to develop an enhanced ERP, as a replacement of the legacy system, to meet the requirements of client while providing significant enhancements in functionality, stability and usability. The solution implementation lifecycle covered designing, architecture, development, testing and delivery of the Trip Management System and Flight Planning. To ensure success of the project, every critical activity was monitored very closely. Detailed steps involved in this project execution were:

- Integration
- Data Modeling
- API Development
- UI/UX Development
- Angular Services
- Quality Assurance
- Project Management

Within 210 days, Microexcel accomplished successful development and implementation of ERP solution client.

Streamlined global transactions and created a standardized business processes to reduce operations costs

Micr excel®

Quick Facts

Background

Solution

Benefits

Benefits

Delivered a single platform for unified operations, enhanced synergy at a significant low TCO

Transparent processes and workflow throughout the organization for better visibility and decision-making. TAT reduced by 50% from 2-4 days to 1-1/2 day

Secured System by leveraging best practices and protocols to limit liabilities and exposure of client and any of their suppliers or customers as deemed necessary

Robust, flexible Operational ERP System for comprehensive Trip management and Trip Scheduling and scalable for all future rollouts

Multiple Administrators to provide support to teams across geographical regions

Simplified and improved processes from planning to operations. Saves 30% of operational time of back-office staff in scheduling trips for their customer

Enhanced productivity by 40%

Micro excel®

For more information,
please visit **www.microexcel.com** or email **info@microexcel.com**

About Microexcel

Microexcel Inc., is a global leader in providing innovative and comprehensive software solutions and services. Founded in 2001, Microexcel merges people and technology to deliver the most value and return on investment for customers. With headquarters in Secaucus, NJ, and offices worldwide, Microexcel provides full services and support to clients in the areas of Custom Software Development, Microsoft, SAP, Quality Assurance and Testing, IT Infrastructure, Open Source/Liferay, Staffing, and Interactive Services. Microexcel is ISO 27001:2013 and ISO 9001:2015 certified and is also a New York and New Jersey state Certified Minority Owned Business Enterprise.

400 Plaza Drive, 1st Floor
Secaucus, NJ 07094, USA
O: 201-866-6789, F: 201-221-7825

USA : New Jersey | New York | California | Illinois | Utah
India : Bangalore | Hyderabad | Mysore
Middle East : Dubai | Oman
South Africa : Gauteng

CSD Custom Software Development
Built Right. Built for You.

http://www.microexcel.com/about-us/contact-us/