



# Case Study

## Travel and Transportation



# Crew management and scheduling for legacy application of a leading Airline

## Client Overview

One of the leading Airlines in North America

## Business Need

- Application development and enhancement
- Quality Assessments & Assurance
- Functional Consulting
- Business Analysis
- Application Maintenance
- Migration from legacy mainframe to cloud native technologies
- Production Support

## Business Challenge

- Manual efforts -
  - Scheduling 25K+ crews in daily operations
  - Daily open sequence assignments for multiple cities
  - Manual adjustments to the crew compensation

## Hexaware Approach

- Design and build software to automate daily scheduling based on crew preferences
- Auto calculation of crew compensation based on latest agreement between crew union and airline management
- Launched an application for the crew member to trade the trips
- Strong software to handle future load and enhancements
- Enables system to take to the edges of new technologies from legacy technologies

## Business Benefits

- Great benefit for crew schedulers and crews with automated processes and tools
- Crews and crew scheduler have enhanced experience by assigning the trips as per their preferences
- Effective utilization of crews in cost effective way



### NA Headquarters

Metro 101, Suite 600, 101 Wood Avenue South, Iselin, New Jersey - 08830  
Tel: +001-609-409-6950  
Fax: +001-609-409-6910

### India Headquarters

152, Sector - 3 Millennium Business Park 'A' Block, TTC Industrial Area Mahape, Navi Mumbai - 400 710  
Tel: +91-22-67919595  
Fax: +91-22-67919500

### EU Headquarters

Level 19, 40 Bank Street, Canary Wharf, London - E14 5NR  
Tel: +44-020-77154100  
Fax: +44-020-77154101

### APAC Headquarters

180 Cecil Street, #11-02, Bangkok Bank Building, Singapore - 069546  
Tel: +65-63253020  
Fax: +65-6222728

