

**ORACLE**

Platinum  
Partner

**AUTHORIZED PERSONAL  
AND VEHICLES ONLY**

**AIRPORT AREA**



**AROWANA**

CASE STUDY

**iSecurity**

Employee Access  
System

**Client:**

A leading Airline in the United Arab Emirates, awarded the 'World's Leading Airline' three years in a row.

**Industry:**

Aviation

**Annual Revenue:**

US\$4.1 billion

**Employees:**

9,000 and growing

**Technology:**

Oracle Application Framework

**Customizations:**

Oracle ERP System

**Network:**

Over 85 Passenger and Cargo destinations in more than 55 countries  
Operating more than 1300 flights per week

**THE NEED:**

The Airline's Corporate Security Department was managing and maintaining every employee's access request to various classified zones, within the Airport and other designated areas. They used excel spreadsheets to manage the issuance of ID cards, car stickers, Airport passes and Apartment keys to Guest Houses. They wanted to automate this process and do away with excel sheets, to create a fool proof and failsafe method. There also was a need to integrate the process with their HR system and have an approval workflow process. There were audit concerns about the existing system and the directive was to regulate access to various facilities depending on an employee's job description.

Security continues to be a critical area for organizations and the importance attached to security will continue to increase due to increased awareness of the threat perception and the impact of any such incident will have on business and reputation.

**CHALLENGES:**

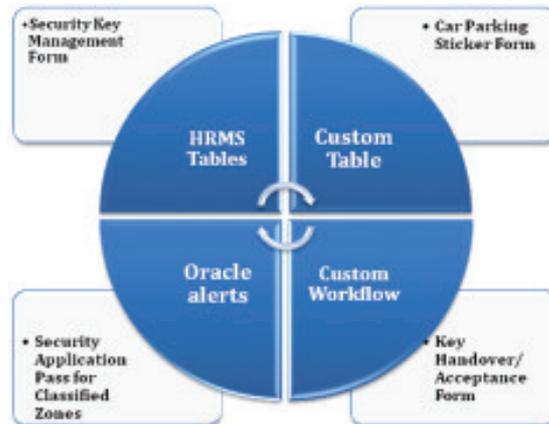
Arowana was called in to study the existing system and develop a web based workflow system that will meet the needs of the Airline. The project named 'iSecurity' was expected to deliver superior control and compliance with security regulations to maintain and organize individual access to secured zones. The system was expected to help enforce security related protocols on all employees in an efficient and uniform manner.

iSecurity is a solution developed by Arowana for a major Middle East Airline's Corporate Security Department.

## WHY ORACLE APPLICATION FRAMEWORK (OA FRAMEWORK)?

This framework developed by Oracle Corporation for application development within the Oracle E-Business Suite (EBS) excels at creating 3-tier web-based applications. The framework maintains all security features.

One of the most important features of OA framework model is that it facilitates the customization of existing modules and also allows development of new Self Service Web Application modules. OA Framework provides benefits of productivity, scalability, and customization. Although the OA Framework is J2EE based, it can work on other industry standards like HTML, XML, Java, JSP, SQL and Web Services.



Excels at creating web based applications integrating existing oracle modules. Good tool to improve productivity, scalability and customization.

## THE SOLUTION:

Arowana developed a solution for the Airline, for employee physical access management, using Oracle Application Framework. It was designed to effectively and efficiently run the process of indentifying employees and providing access to security zones .

iSecurity integrated with data from existing human resource management system to identify the role of an employee.

Since request and approvals were automated, the role of IT departments in facilitating the proces was removed and trasferred to coporate security.

Fully automated workflow enabled process integrated with existing HRMS Database to auto identify the access and provide appropriate clearance automatically

### KEY BENEFITS

- Building key maintenance module that integrates with facility management system for master information.
- Facilitate corporate employees/ contractors to submit Car parking sticker requests; through Oracle EBS suite self service.
- Automate ID card request generation for new employees once recruitment process completed.
- Facilitate corporate employee to submit ID card request on behalf of new contractors; through Oracle EBS suite self service.
- Facilitate corporate employees/ contractors to submit Airport pass request sticker requests; through Oracle EBS suite self service.

