

# Event Management Platform Case Study



**Customer:** Scancode AS **Web Site:** www.scancode.no  
**Customer Size:** small  
**Country or Region:** Norway  
**Industry:** Event Management

#### Customer Profile:

Scancode is a company which provides Event Management Platform for the Event Managers.

#### Business needs:

It is a solution for Event Managers to market and sell events. The event tickets are delivered via SMS/Email. The resellers can easily hook to the platform using WCF services provided as API.

#### Benefits:

- Easy to manage wide variety of Events and access to real time statistics
- Supports Multi-lingual public Interface
- Attendees access to tickets is flexible and quick
- Scalable and flexible

#### Technologies used:

- Windows Environment: .Net Framework 4.0
- MSSQL Server 2008
- jQuery
- Web Based Application
- Windows Communication Foundation (WCF services)
- Winform Application
- iPhone Application for Organizers
- Deployed on Amazon cloud

Vayam Technologies in collaboration with partner Similar Layers developed an Event Management platform for their customer Scancode AS (formerly known as Stolz Technology AS), Norway.

## Solution

Scancode was looking for a solution provider who can revamp their earlier solution which was not able to cater the requirements of their customers. The solution was redesigned and architected by the Vayam and Similar Layers from scratch and consists of applications and modules described below –

Web Application (Developed in ASP.Net and C# - Framework 4.0)

- Event Management Module and Reports
- Messaging Module (SMS/MMS)
- News room (Integration with earlier PHP module)
- Windows Services for delivery of SMS/Email and Inbox rules
- Public web site
- Reseller APIs

iPhone Barcode Scanner Application

- Event Organizers can use the application to download event attendee details
- Used for checking in the Attendees at the event venue
- Realtime updates to the server application (Online and Offline mode)

Desktop Barcode Scanner Application

- Desktop version of the Barcode scanner application
- Winform Based

Reseller API

- Windows Communication Foundation (WCF) Service

## Deployment and Integrations

Web Application is deployed on Amazon Cloud Platform

- Windows Server 2008 R2, IIS 7.0, MSSQL Server 2008
- Integration with Vianett SMS Gateway
- Integration with Payex APIs
- Tbarcode Library for Barcode Generation
- Integration with Zxing Barcode library (iPhone App)