



VISITOR MANGEMENT MOBILE APP (USING RFID AT LARGE-SCALE EVENTS)

CLIENT PROFILE

The client is deeply involved in event management of product exhibitions and is required to develop a solution for RFID tags, UBC, 2D barcodes or QR codes as virtual identifications in place of plastic ID's.

BUSINESS CHALLENGE

Bearing in mind the rapidly growing significance of virtual code scanners in today's market a code reader is extremely versatile tool to collect and store any sort of necessary data. However, considering the cost and the longevity of a code scanning tool, the client needed a more reliable and an effective mode of scanning RFID tags, QR codes and barcodes in general. The variants of barcodes would embed different combinations of data in the lines of—customer name, organization name, phone number, email, designation and so on.

RFID tag scanning mobile application is one of the standard ways to improve work efficiency, eliminate errors, and provide better customer service. The proposed solution is to enable enhanced availability of significant business information to management. The scanning function additionally will help keep a better record of the client's visitor management process. And who better than Suretek to address a solution that involves this level of precision.

SURETEK SOLUTION

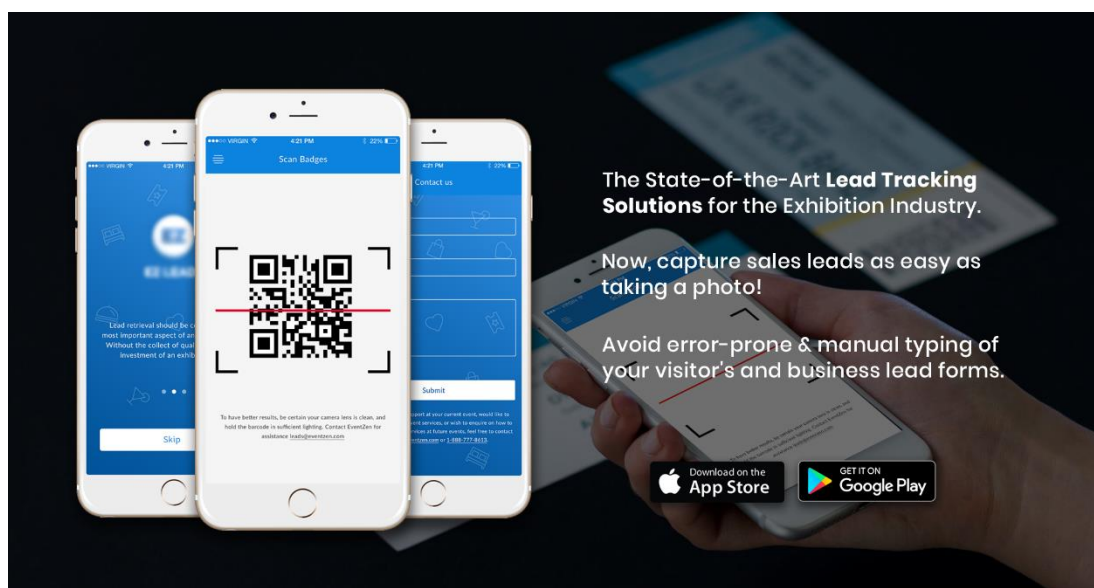
Suretek has set up a simple yet effective mobile application to enable the management to capture more visitor information as they scan RFID tags—provided that the visitor(s) and exhibitor(s) are given a RFID tag during registration. The solution makes it more suitable for verification of visitor and event registries.

Suretek deployed a user-friendly cross platform mobile application for both iOS and Android environment, build for RFID technology. The mobile app is designed to regulate and maintain the events and visits. The custom-made mobile app for scanning RFID tags can be further adapted to any size of organization supporting a multitude of visitors, employees and events.

Suretek's contribution and work profile:

- The deployed mobile app reduces the work load for the management and simplifies the flow of information between visitors and exhibitor(s).
- The registration module enables registration of visitors as they fill out their information.

- Enabling access control over exhibitors sorted by product group, companies and visitors.
- Distribution of generated RFID tags after every successful visitor registration through email integration.
- Event registration module for the exhibitors to register for events.
- The data collected using the RFID scanning can be exported which further allows generating statistical information for marketing and other purposes.
- In addition to the pre-registered information of visitors, an exhibitor can update the visitor details specific to his needs at any given point.
- Using the application, the exhibitors can create their questionnaires to capture visitor information which is more relevant and specific to their business.
- The client is also provided with the opportunity to type down visitor specific answers revolving around “who came and in what information they were most interested”.
- The stand out feature - RFID tag scanning empowers accurate monitoring of visitor attendance.
- Integrated scanning APIs associated with RFID and QR-Code technologies.
- Designed powerful, secure and reliable database of visitor profiles and historical data of the visits.
- Enforced licensing policies for the application in both source code and object code forms.
- Ability to scan and print a required system report - be it a report on visitor analysis or a report on the visitor itself.
- The deployed business solution reduces the work load for the management and simplifies the flow of information between visitors and exhibitor(s).
- The custom-build mobile solution enables the management to regulate a smooth check-in process.



TECHNOLOGIES USED

- **Web Interface Solution** Based on .NET Technology, HTML5, Ajax, JavaScript, J-Query.
- **Android and iOS App:** Xamarin, Cross Platform Development Framework.
- **Database:** SQL Server 2014