

# MOBILE DEVICE MANAGEMENT SOLUTION

For a Multinational Retail Corporation



**Service:** Security

## OVERVIEW

Headquartered in Bentonville, Arkansas, the Client is a \$20 Billion American multinational retail corporation that operates a chain of hypermarkets. Client wants to deploy mobile device management solution for better customer experience.

The key areas worked upon include:

- ▶ Enterprise Mobile Device Management Solution
- ▶ Scalable MDM solution for Android platform
- ▶ Flexible deployment model and BYOD support

# CHALLENGES



Implement a customized MDM solution for Android platform



Develop a solution for Mobile Device management and BYOD users



Manage the Mobile devices, applications and Data security



Build an MDM solution that can be integrated with any application

# SOLUTION

- 1 SecureMAX framework used for MDM application development
- 2 SecureMAX framework that securely manages and enrolls Android devices from the web dashboard
- 3 Security features fully controlled from a central remote server console
- 4 APIs are in RESTful structure
- 5 Components Developed:
  - Android devices-based client application
  - Integration of Applications with the SecureMAX backend
  - Admin module

# TOOLS

- Android Studio
- GCM (Google Cloud Message)
- Ruby On Rails
- PostgreSQL

## Solution Overview

<p>Device activation to provision and activate the device with SecureMAX backend</p>	<p>MDM Configuration to configure and use the features provided by the SecureMAX framework</p>	<p>All the installed applications on the device and the SecureMAX apps are pushed to the device</p>	<p>SecureMAX features available for the devices</p>	<p>Device provisioning information for the SecureMAX devices</p>

## OUTCOME

- › SecureMAX helps in designing and setting up of a consistent security policy for BYOD users
- › Visibility into the usage and status of the mobile devices
- › Securing Corporate Data across all devices
- › Personalized, engaging and productive experience for users



## HIGHLIGHTS

- › Device Provisioning / Tracking
- › RESTful Structure
- › Three-Tier MVC Architecture
- › Fully secure and Scalable
- › Geo location Tracking
- › Device profiling and posturing



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