HALOSYS™
UNIFIED ENTERPRISE MOBILE PLATFORM

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Simplify Enterprise Mobility · Accelerate App Development and Roll-out

Rapidly build, integrate, secure, manage, and deploy mobile applications, to enable your enterprise mobility strategy

- ❖ Cross-platform, native and web apps, reusable templates, and libraries
- ❖ Omni-channel context aware notifications rule engine
- ❖ Pre-built connectors to enterprise systems
- ❖ Scalable micro-services architecture and flexible deployment models
- ❖ Private app store for enterprise users to download mobile apps
- ❖ 360 degree security across devices, apps, users, and data
- ❖ 40% faster time-to-market and up to 35% reduction in total cost of ownership

From Sonata Software - The Platformation Company

SONATA

SONATA SOFTWARE

Halosys, a unified enterprise mobile platform

To remain competitive, it is imperative for enterprises to offer mobile enabled enterprise business processes to their employees, partners and customers. Further, to meet the "any-time, any-where" service demands of the digitally connected user, enterprises need to address certain key aspects:

Experience: With the pervasiveness of consumer mobile apps, users set a higher benchmark on user experience, rich feature set and continuous enhancements.

Adaptability: Constantly evolving and varied backend systems pose a challenge for IT to roll out reliable mobile applications with consistent behavior.

Ubiquity: With BYOD now the norm and not the exception, apps are expected to perform across a variety of devices and multiple operating systems.

Simplifying enterprise mobility with a platform approach

Halosys offers enterprises the means to tackle these multi-faceted demands through the following key solutions:

❖ **Faster time to market and an engaging & consistent user experience across channels** with SDKs for native and cross-platform apps coupled with templates, libraries, notification rule engine, and event driven interaction models.

❖ **Robust enterprise grade apps and versatile back end connectivity solutions** with pre-built connectors, unified data access & models and in-built enterprise security mechanisms.

❖ **Extensible functionality and flexible deployment models** with open standards based modules, micro-services architecture, comprehensive app life cycle management, and in-built app analytics

Halosys thus provides a unified platform for enterprises to roll out and manage apps, addressing the expectation of the digital savvy user, and the complex needs of the enterprise.

65%
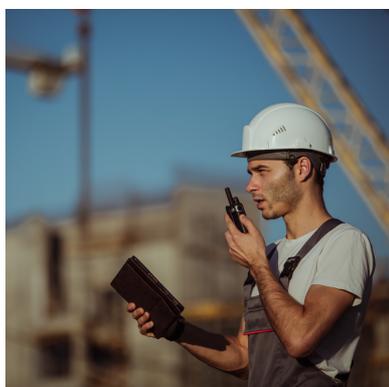Consumers download business-specific apps for more convenient access to information
- Salesforce

89%
Employees access business applications outside the enterprise network
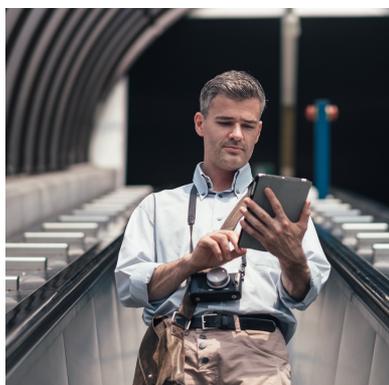- Cisco

CUSTOMER SUCCESS

CONSTRUCTION COMPANY

"App factory" model launched series of apps addressing operational challenges

Sonata helped a technology-focused construction company transition from legacy device-based field operations to the latest mobile based applications.

5 weeks
LAUNCH TIME
For each mobile app as planned in the roadmap

MARKETING & MEDIA AGENCY

Built apps that faciltiated critical business processes from outside the client network

A timesheet app on Sonata's Halosys platform enabled employees to submit their billable hours from outside the network, aiding timely invoicing and billing.

10,000+
EMPLOYEES
Access the apps powered by Halosys

CONNECTED **INTELLIGENT** **OPEN** **SCALABLE**

Mobile connectivity to multiple enterprise systems and data sources, with offline app management	Omni-channel context aware notification rule engine (US Patented) for enhanced user experience	Development with micro-services architecture standards and security to enable enterprise policies	Unrestricted number of enterprise users, apps, and connectors to systems on a single platform instance

MOBILE APP DEVELOPMENT

Accelerate app development | Build engaging & consistent user experience | Single instance for all enterprise apps |
Reduce development effort with reusable components, templates, libraries

Apps	SDK for Native Apps (iOS, Android, and Windows), Web Apps (HTML5, JavaScript), and Hybrid	Experience Management, State Retention
	Workflow Modeling, Rule / Event Driven Interactions, Reusable Templates & Libraries, Role Management	Context-Aware Rule Engine for Notifications (using web, SMS, E-mail and Push Notifications), App Usage Metrics, Test Center
Device	Access to Device Features: GPS, Beacons, Location Services, Camera, Barcode Scanning	Offline Device Usage & Data Synchronization

ENTERPRISE APP INTEGRATION AND SECURITY

Leverage pre-built connectors to quickly integrate with enterprise systems | Seamless connectivity to enterprise systems |
Repurpose enterprise data for multiple apps | Provide enterprise level security

Integration	Connectivity to leading enterprise systems (Oracle, SAP, MS Dynamics among others) and legacy systems through industry standard protocols	Develop And Deploy Multiple Apps on Single Backend, MobileFirst Data, Unified Data View
Security	Comprehensive enterprise-level security and policies for Devices, Apps, User, and Data	App security using application security keys such as app keys and secret keys for each app
	Device security by remote wipe of app data and remote user lock	User security by different authentication mechanisms (LDAP, SAML, OAUTH) and user activation & deactivation
	Data security by end-to-end data encryption	

MOBILE APP DEPLOYMENT AND MANAGEMENT

Launch apps in weeks, not months | Monitor apps for usage |
Control and manage app lifecycle through development, release, and updates

DevOps Support	Agile Development support, Continuous Integration support, Test Automation support	Version And Release Management, Monitoring Analytics, App Performance Management
Deployment	Backend Deployment on Public, Private Cloud	Simplified Provisioning; Support for Micro-Services Based Architecture
Management	End-to-end App Lifecycle Management, App Updates, Management Console	Enterprise/Private App Store, Support for Public App Store, Feedback Mechanisms, App analytics & logs

Scalable micro-services based architecture and flexible deployment models. Available on Microsoft AppSource.

Deep expertise in mobility programs

10+ years of mobility experience

Expertise in leading technologies for native, cross-platform & web apps

Best-in-class technology framework leverage

Platformation framework and experience in building world class platforms that enables creation of Connected, Intelligent, Open and Scalable systems

Mature processes and best practices

Development, Program management and comprehensive support system

Best-fit solution for enterprises

Capability of creating best-in-class and engaging user experience

Right fit team with best-fit skill mix for every engagement

Scalability and extensibility built into the approach

Rapid time to market

Sonata IP Halosys for delivering faster and seamlessly

Sonata Software is a global IT solutions firm focused on enabling platform based digital business and technology transformation for enterprises in the Travel, Retail, Distribution and Software industries. Sonata's products and platforms, anchored on its proprietary Platformation methodology, reflect the company's commitment to enable connected, intelligent, open and scalable business systems.

Sonata's portfolio of products and platforms include Rezopia Digital Travel Platform, Brick & Click Retail Platform, Modern Distribution Platform, Kartopia E-Commerce Platform, Halosys Unified Enterprise Mobility Platform and RAPID DevOps, CloudOps and Testing Platform. These platforms have been deployed by leading enterprises across the globe to achieve future ready digital businesses.

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