SYBASE®

Sybase® Unwired Platform
Mobile Enterprise Application Platform
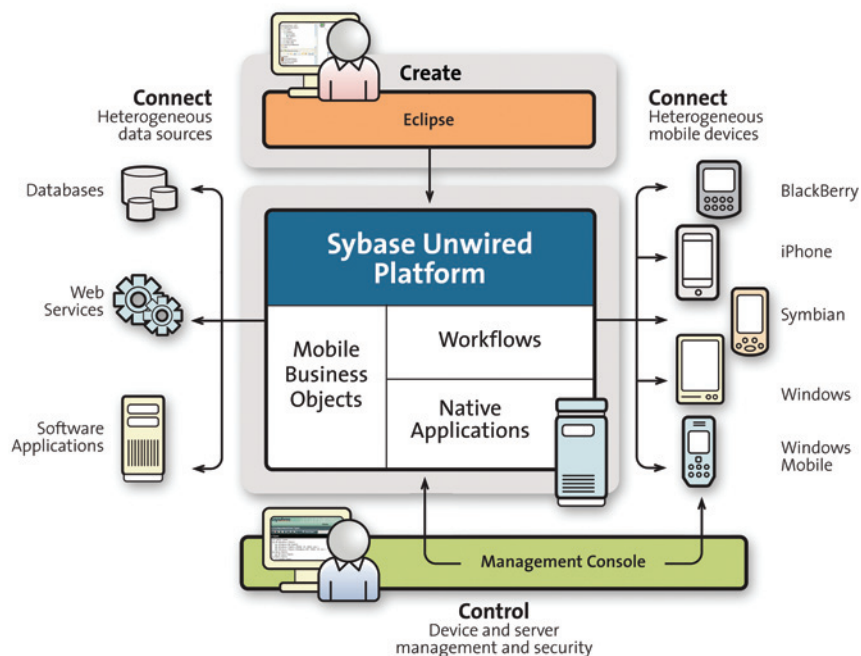
FEATURES AT A GLANCE

- Offers seamless integration with a variety of back-end data sources

- Supports Windows Mobile, Windows laptops/tablets, BlackBerry, and iPhone devices with native clients

- Provides mobile application development plug-ins for Eclipse

- Provides integrated mobile device management and application provisioning

- Includes custom device tooling to simplify UI creation

- Workflow applications allow for multiple device development

Sybase Unwired Platform is a mobile enterprise application platform that enables enterprise developers to simply and quickly develop applications that connect business data to mobile workers on any device. Built on proven, industry-leading technology, the Unwired Platform addresses the difficult mobile challenge of creating and managing multiple mobile applications that securely connect a variety of heterogeneous back-end data sources to all major device types. As the enterprise landscape becomes increasingly complex, Sybase Unwired Platform enables enterprises to embrace mobility across the entire organization through the use of a consistent, but highly adaptable, development platform.

KEY BENEFITS

- **Heterogeneous back-end integration –** Sybase Unwired Platform offers seamless integration with a variety of back-end data sources, including, databases, web services, files, SAP applications and any enterprise application that leverages Service Oriented Architecture (SOA). As IT systems change and business needs advance, use of a mobile platform will enable mobile solutions to remain connected to all business critical data and processes.

- **Heterogeneous device support –** Sybase Unwired Platform enables rapid deployment of mobile applications across multiple device types, including iPhone, BlackBerry, Windows 32 (laptops/tablets), Windows Mobile devices. Use the platform to satisfy mobility needs across the entire enterprise, regardless of device type preference.

- **Proven enterprise-grade mobile technologies –** Sybase Unwired Platform is an enterprise-grade development and deployment solution built on Sybase's industry-leading device management, data security and mobile database solutions. Confidently build your enterprise mobility infrastructure on technology already in use at thousands of organizations today.

- **Ease of development –** Sybase Unwired Platform lowers the cost of creating mobility solutions by enabling developers to leverage existing tools and expertise. The development platform integrates with popular development environments, including Visual Studio and Eclipse, and includes 4GL tooling that greatly simplifies native mobile application development.

SYBASE UNWIRED PLATFORM ARCHITECTURE

A COMPREHENSIVE MOBILITY PLATFORM FOR EXTENDING APPLICATIONS AND DATA TO ANY MOBILE DEVICE

The Sybase Unwired Platform offers these key features:

Innovative Mobile Business Objects

Mobile Business Objects (MBOs) are the innovative foundation of the Sybase Unwired Platform architecture. MBOs encapsulate business process logic and data in to a reusable unit which abstracts away the complexity of integration with back-end data sources. Easily create MBOs using an integrated graphical designer and reuse throughout your mobile solution to efficiently connect to the desired data source.

Rapid Creation of Native Applications

Quickly create and deploy native applications to a variety of mobile device types using Sybase Unwired Platform. Develop core business logic once for all devices and then perform device side customization to take full advantage of device-specific capabilities before application deployment.

Enterprise-Grade Device Management

Sybase Unwired Platform is fully integrated with Sybase's industry-leading device management and security solution which provides a single administrative console to centrally manage, secure and deploy mobile data, applications and devices. Mobile applications are easily deployed and provisioned over-the-air and software updates and content are distributed on a continuous basis post-deployment – all without involving the end-user.

TECHNICAL SPECIFICATIONS

Development Tooling	Eclipse 3.5.1
Data Repository	Sybase SQL Anywhere 11 Sybase ASE 15
Systems Management	JMX Server, Adobe Flex 3.3, Flash 9 and 10, Web-based Console
Operating System	Windows XP, Windows Vista, Windows 2003 Server, Windows 2008 Server
Device Platforms	Windows Mobile 5.0, 6.0 and 6.1 (Standard and Professional) Windows XP and Vista (32 bit and 64 bit) BlackBerry RIM OS 4.2, 4.6, and 4.7 iPhone and iPod Touch OS 3.0, 3.1, 4.0 Symbian (Nokia S60 3rd Edition and 5th Edition)
Standards	JDBC 3.0, SOAP 1.1, WSDL 1.1, LDAP V3, HTTP 1.1, JCA 1.5
Network Protocols	TCP, SSL over TCP, HTTP, HTTPS
Backend Integration	Sybase ASE15.x, Sybase SQL Anywhere 10 and 11, Oracle 10g and 11g, MS SQL Server 2005 and 2008, IBM DB2 8.x and 9.x, SAP ECC 6.0, SAP R/3 4.6 and 4.7, DOE, Siebel 7, Remedy 5.5 and 7, SOAP and REST Web Services
Scalability	Multi-tenant, load balanced N-node server cluster, DMZ-ready application proxy server
Security Provider Integration	Windows Native OS, Active Directory, LDAP Server, Remedy

For more information about Sybase Unwired Platform,
please contact your account manager or visit our website at: www.sybase.com/sup

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