

## Sybase® Unwired Platform Mobile Enterprise Application Platform



### PRODUCT DATASHEET

#### FEATURES AT A GLANCE

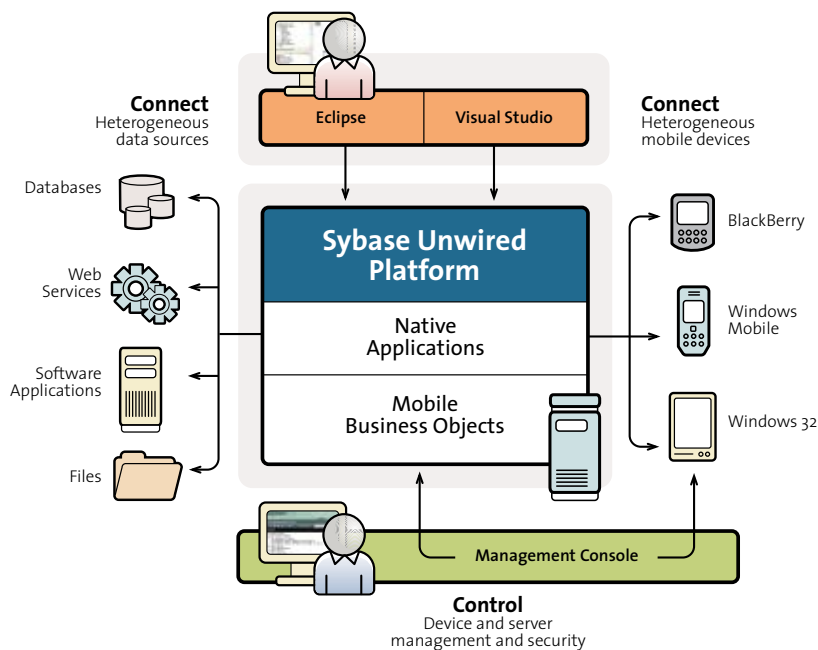
- Offers seamless integration with a variety of back-end data sources
- Supports Windows Mobile, Windows laptops/tablets and BlackBerry devices with native clients
- Provides mobile application development plug-ins for Visual Studio 2008 and Eclipse
- Provides integrated mobile device management and application provisioning
- Includes custom device tooling to simplify UI creation

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, 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 BlackBerry, Windows 32 (laptops/tablets) and 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

Architecture	MVC Model 2
Development Tooling	Eclipse 3.4.1 Visual Studio 2008
Middleware Runtime	Synchronization engine Apache Tomcat 5.5.x Java 6
Meta-data Repository	Sybase SQL Anywhere 11
Systems Management	JMX Server, Adobe Flex 3, Flash 9, Web-based console
Operating System	Windows XP, Windows 2003 Server
Device Platforms	Windows CE 5.0 and 6.0 Windows Mobile 5.0 and 6.0 Windows 32 (laptop and tablet) BlackBerry 4.2
Standards	JDBC 3.0, WS-I Basic Profile 1.2, LDAP V3, HTTP 1.1
Network Protocols	TCP, SSL over TCP, HTTP, HTTPS, SMS
Backend Integration	Sybase ASE 12.5.2+ and 15.0.1, Sybase SQL Anywhere 10 and 11, Oracle 10g and 11g, MS SQL Server 2005, IBM DB2 8.x, SAP 4.7, Remedy 6 and 7, Web Services, Files
Load Balancing	N-node servers cluster with proxy server (DMZ ready)
Security Provider Integration	Windows Native OS, Active Directory, LDAP Server, Remedy, Radius
Application Provisioning and Device Management	Windows Mobile 5.0 and 6.0 Windows 32 (laptop and tablet) Blackberry 4.2 (Natively), 4.6 and 4.7 (via Blackberry JDE compatibility)

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