

SYBASE®

SYBASE® UNWIRED ACCELERATOR

A REVOLUTIONARY SOLUTION FOR ACCELERATING THE
MOBILIZATION OF ENTERPRISE APPLICATIONS AND DATA
SOURCES FOR ALWAYS-AVAILABLE ACCESS.

THE ENTERPRISE. UNWIRED.



SYBASE® UNWIRED ACCELERATOR

The Sybase Unwired Accelerator is a solution for accelerating the mobilization of enterprise web applications and data sources for always-available access, which means you can access the same information whether you are connected, disconnected or occasionally connected to the network. Now, end-users can be as productive and effective outside of the office as within the office.

The Sybase Unwired Accelerator provides rapid development tools to mobilize existing web applications, or to create new mobile applications based on your enterprise's data sources without programming. You don't need to re-write or modify your existing applications or infrastructure. The Unwired Accelerator is a non-intrusive solution. What used to take months, now takes weeks.

The Sybase Unwired Accelerator is the best strategy for getting the most value possible out of your current information infrastructure—by getting the right information at the right time on the right device to the most valuable individuals in your enterprise. Mobilization extends the information contained in these systems to new channels, with anytime, anywhere access. In a nutshell, the Sybase Unwired Accelerator leverages your existing infrastructure to create new mobile business opportunities.

FEATURES

Overview of end-user features

- Online access
 - PocketPC Internet Explorer
 - Motorola MPx200 (Windows® Mobile OS)
 - HandSpring Treo™ 600 (PalmOne™ OS)
 - Sony Ericsson P900 (Symbian™ OS)
 - Blackberry™
- Offline access
 - PocketPC
 - Palm
 - Symbian
- Alerts

Overview of developer features

- Application Builder
 - Create new mobile web applications using a point/click interface
 - Mobilize existing web content, databases, web services without programming
 - Preview applications without having to deploy
 - Create once and deploy to multiple devices

- Intelligent capture and re-purposing of web content
- Transaction management and conflict resolution
- Composite applications
 - Create composite applications by linking multiple disparate data sources together
 - Define workflow and communication between applications by defining events and listeners
- Templates
 - Define templates for controlling the look and feel of applications
 - Define navigation styles
- Personalization
 - Define personalization adapters for personalizing content for each user
- Page Builder
 - Create the layout of pages
- Lifecycle management
 - Workflow for controlling the lifecycle of applications and pages
 - Versioning

Overview of security features

- Authentication
 - Single sign-on, LDAP, digital certificates, username/password and biometric (fingerprint) authentication
- Authorization
 - Role-based authorization
- Data confidentiality and integrity
 - SSL, digital certificates and non-repudiation
- Auditing

Overview of administrator features

- Easy-to-use web-based administration
 - Manage users and roles
 - Manage M-Business Anywhere™ server functions
 - Manage pages
 - Point and click deployment
- Alerts
 - Create alerts based on content or errors
 - Adapters: SMS, Email, Database, file system etc.
- Scalable and distributed architecture

ARCHITECTURAL OVERVIEW

Technology Automation

The Sybase Unwired Accelerator solution includes several proven technologies: The Mobile Web Studio, a powerful visual development tool; the Mobile Portal Server, a scalable mobile server; Content Capture, Sybase patented technology for re-purposing web applications and content without programming, and M-Business Anywhere, an optional component for delivering content in an occasionally connected model. With these integrated products, you can create secure, enterprise-wide, ROI-focused mobile applications.

Mobile Web Studio

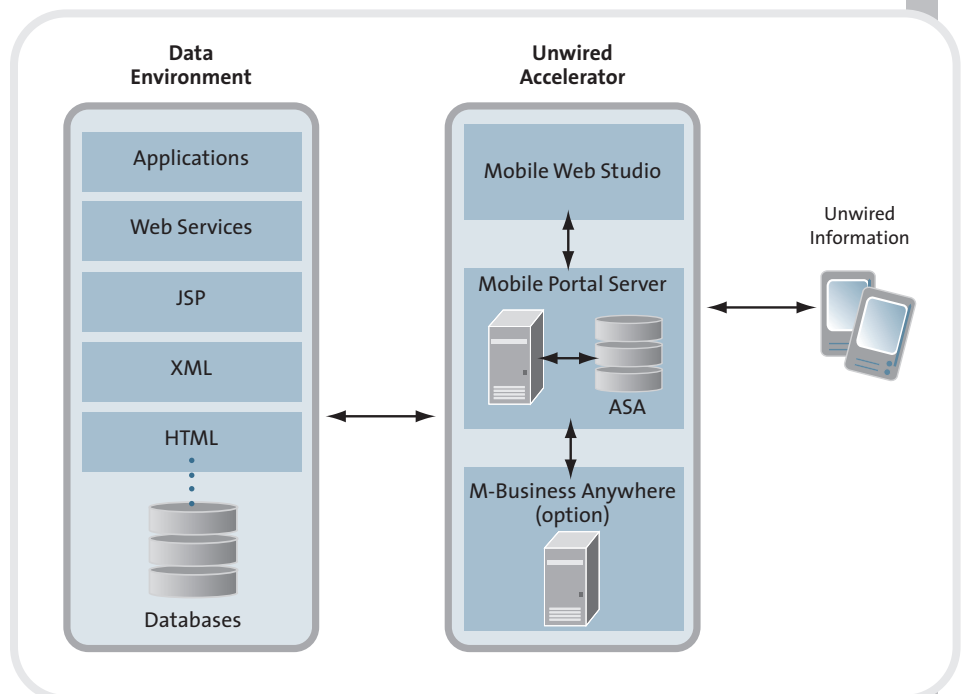
Mobile Web studio is an easy-to-use, web-based rapid development tool that uses patented technology for creating powerful and interactive mobile web applications or for mobilizing existing web applications or data sources like databases, XML, Web Services, HTML and JSPs/ASPs. The only mobile development tool on the market that does not require programming, the Mobile Web studio is a visual development tool with simple-to-use point and click functionality.

Mobile Portal Server

Mobile Portal Server delivers web applications and content in a connected or disconnected environment and it coordinates the communication between M-Business anywhere and legacy backend systems in an occasionally connected environment. Based on a scalable and distributed architecture, the Mobile Portal Server can run in any J2EE™ compliant web container such as Tomcat.

M-Business Anywhere

M-Business Anywhere is a reliable, scalable and secure platform for delivering Web-based applications and content to mobile devices in an occasionally connected model. It is the foundation of the award winning Avantgo® Mobile Internet service which supports over 10 million subscribers.



PLATFORMS

Mobile Web Studio

- Internet Explorer 5.5, 6.0

Mobile Portal Server

- Windows 2000, Linux Redhat 2.1

M-Business Anywhere

- Windows NT, Windows 2000, Windows 2003, Linux Redhat 8.0, Solaris® 2.6 & 2.7

Content Capture

Content Capture is a Sybase patented technology (20 claims and inventions) for re-purposing web based applications and content using an object orientated scripting language. Unlike traditional screen-scraping solutions, which parse DOM structure or tags to find content, Sybase's capture engine analyzes web content and stores the feature definition or signature. At runtime, the Content Capture engine uses pattern matching to re-locate the same signature. The beauty of this approach is that if the content has moved or changed, the engine still has an excellent chance of finding the information. This is a major advantage over screen-scraping, which typically breaks down under these circumstances. Content Capture technology is based on over 5 years of handwriting recognition and signature verification research.

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