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## Sybase Announces ASE on Linux for IBM eServer™ OpenPower™-Based Systems

### Customers Benefit from Breakthrough Value of Data Management Software Fine-Tuned for Performance and Reliability on Linux

Sybase, Inc., announces that the Sybase® Adaptive Server Enterprise (ASE) for Linux, the enterprise-class, relational database management system (RDBMS), will run on IBM's eServer™ OpenPower™ systems, IBM's POWER5™ microprocessor-based servers tuned specifically for Linux environments. Sybase ASE on Linux is designed specifically for Linux-driven strategies, giving enterprises greater choice for implementing an open, high-performance, high-value data management solution. The companies will participate in joint sales, marketing and services activities, worldwide, with a focus on financial services.

"IBM is committed to providing customers with Linux solutions that help them achieve peak performance with a low total cost of ownership," said Per Larsen, vice president for eServer pSeries at IBM.

"Customers want solutions that run on high-performing, scalable and reliable hardware platforms, while also lowering costs. We value Sybase's commitment to our OpenPower platform with the addition of Sybase ASE for Linux."

"With proven price-performance, Sybase ASE for Linux is an ideal data management platform for the IBM OpenPower platform, which is intended for enterprises seeking the most scalable and reliable Linux solutions," said Dr. Raj Nathan, senior vice president, Information Technology Solutions Group, Sybase. "The goal in extending Sybase ASE for Linux to the IBM OpenPower platform is to offer customers the widest range of options available for the efficient management and delivery of enterprise data, which is a core component of the Unwired Enterprise."

Sybase ASE was the first RDBMS for Linux, is recognized as the Linux database TCO leader by The Standish Group, and has won the LinuxWorld Magazine Readers' Choice Award for "Best Linux Database" and "Best SMB Linux Package" in the Open Source World Magazine's Editor's Choice Awards.

Sybase ASE has demonstrated consistently superior performance on Linux in transaction-heavy environments like financial services, where reliability, security and high availability are critical. The lowest total cost of ownership is achieved by Sybase ASE's excellent architecture and manageability.

Sybase ASE environments realize high performance with substantially fewer resources than many alternatives. Sybase ASE's open standards-based technology make integration and migration particularly easy, further reducing risk and costs. Companies including Anvil, Dresdener Kleinwort Wasserstein (DKW), Global Card Services, Iroquois Gas Transmission System, L.P., Manitoba Family Services and Housing, Reuters, Securify and Veritas, make Sybase ASE on Linux their RDBMS of choice.

Sybase recently has enjoyed rapid adoption of its Sybase ASE for Linux Express Edition, Sybase's no-charge version of its Linux enterprise class database for development and production use. Sybase ASE for Linux Express Edition has been downloaded over 10,000 times since its release in September.

#### Availability

Sybase ASE for Linux on IBM OpenPower will be available in Q1 2005. For more information, please visit <http://www.sybase.com> or call 1-800-8-SYBASE.

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## For More Information Contact Your Sybase Solutions Consultant:

Dave Yenne  
(360) 455-9463 – Office  
(360) 888-5478 - Cell  
[dyenne@sybase.com](mailto:dyenne@sybase.com)



**Special Note: Statements concerning Sybase's new product releases are by nature forward-looking statements that involve a number of uncertainties and risks and cannot be guaranteed. Factors that could cause actual events or results to differ materially include shifts in customer demand, rapid technological changes, availability of third party content, competitive factors and unanticipated delays in scheduled product availability. Some of the risks are detailed from time to time in Sybase's SEC filings, including its annual and quarterly reports, which can be viewed at [www.sybase.com](http://www.sybase.com).**

## Sybase Developer Network Membership Surges With New Services and Partners

Microsoft, Java.net, ATT Wireless, o2 and Orange Join Sybase to Provide New Developer Resources

Sybase, Inc. announces significant growth in the Sybase Developer Network (SDN), including an increase in users of over 30 percent in the past year, and a wealth of new education and collaboration opportunities for the developer community. New programs include enhancements to the CodeXchange online forum with Java.net; wireless developer resources in partnership with Orange, o2 and ATT Wireless; and one-stop access to a wide range of Sybase partner developer networks. In addition, Sybase announced it will extend the benefits of the SDN to an even larger community by joining the Microsoft Visual Studio Industry Partner (VSIP) program and integrating its DataWindow .NET solution into the Visual Studio .NET 2003 integrated development environment (IDE).

"The dramatic growth of the Sybase Developer Network shows our investment in technology and in the developer community is paying off," said Patrick Enright, director of partner development, Sybase, Inc. "Sybase has introduced more new products this year than any year in the past, both for traditional and mobile applications. We are committed to providing developers with the education, tools and community collaboration they need to fulfill the potential of these products through their own innovative development projects."

In the past year, the number of developers using the CodeXchange online forum has grown by over 70 percent. Based on CollabNet Enterprise Edition, CodeXchange's flexible interface provides multiple ways for SDN members to share content on development projects, currently numbering over 600 in progress today, and featuring products including Sybase Adaptive Server® Enterprise, Replication Server®, PowerBuilder®, PocketBuilder(TM), PowerDesigner®, EAServer, Enterprise Portal and Open Source for ebXML messaging. Sybase has announced it has dramatically expanded the reach of CodeXchange through a partnership with Java.net giving SDN members access to over 1,500 additional projects.

"By enabling developers to share their expertise and ideas with the community at large, the Sybase Developer Network can lead to new and innovative solutions based on Sybase technology," said Brian Behlendorf, CTO and co-founder of CollabNet. "CollabNet Enterprise Edition ensures that developers have the market-leading collaborative software development, knowledge management and project communication tools they need for the best possible results with Sybase, all controlled through a simple Web-based project workspace."

To address the needs of the rapidly growing mobile developer community, Sybase has also forged new partnerships with carriers -- including Orange, o2 and ATT Wireless -- to include them in the SDN Partner Developer Corner. SDN members get one-stop access to a range of carrier sites and a streamlined path to get applications carrier-certified. In-house carrier developers get a direct channel to Sybase to expand their tool portfolio across mobile devices.

Through the Microsoft VSIP program, Sybase developers will benefit from tight integration with the .NET Framework-including inclusion of Sybase DataWindow .NET into the Visual Studio .NET 2003 integrated development environment (IDE) -- and the companies' shared approach to information management technology. The result will be increased developer productivity and easier deployment of data-driven applications on the Windows platform. In addition, joining the VSIP program brings Sybase the ability to reach millions of Microsoft developer customers through enhanced co-marketing opportunities.

"Microsoft is pleased that Sybase has joined the VSIP program and is providing its developers with increased access to Microsoft technologies," said Nick Abbott, group manager in the .NET Developer Product Management Group at Microsoft Corp. "In addition, the integration of Sybase's DataWindow.NET into the Visual Studio IDE will help our mutual customers build and deploy data driven applications."

Additional new services for the Sybase Developer Network include:

- **Partner Developer Corner:** one-stop access to partner developer networks. Launched with a focus on mobile developers, this will expand to ERP developer networks, hardware and device manufacturers, and storage providers in the coming months.
- **Technical Developer Training:** a library of archived presentations by Sybase engineers.
- **TeamSybase Blogs:** hosted Blogs led by this important community of Sybase "power developers".
- **Webinar Series:** participate live, or view any archived presentation.
- **"Ask the Developer" Series:** live chats with Sybase engineers.
- **Application Certification Corner:** review and certification of applications using any Sybase product, building on the success of the mobile certification program.
- **Developer of the Month:** showcasing innovative work, with each winner receiving a free Sybase TechWave user conference admission and the opportunity to present at the event.

"The Sybase Developer Network has become a vital resource that enables me to code not just more efficiently, but more creatively," said Alecia Moll, database administrator, Information Systems, New Mexico Public Education Department. "The growing number of participants proves the network's value. With expanded content from Sybase partners, I expect those developer numbers to grow more as we gain access to Java, Microsoft .NET, and wireless carrier developer code, tools and educational opportunities."

Developers interested in joining the Sybase Developer Network should visit <http://www.sybase.com/developer>. SDN membership is free and provides access to the above benefits and many more, including over 1,500 advanced white papers, bug fixes and product updates.

## Developer Alliance Partners

Sybase partners with some of the world's leading mobility providers to provide expanded mobile developer resources to the existing Sybase developer community.



### Intel

Together, Intel and Sybase help developers deliver mobile enterprise applications that are available anytime, anywhere, using a wired, public wireless, or Wi-Fi network. Through our Unwired Enterprise initiatives, Sybase and its subsidiary iAnywhere are working with Intel to accelerate the adoption of mobility for the enterprise.



### AT&T Wireless

AT&T has certified five Sybase mobile developer products to ensure compatibility with the AT&T Mobile Internet Plans. Certification helps ensure trouble-free application development and deployment. The AT&T Wireless devCentral program provides tools, resources and business opportunities for Sybase and AT&T developers.

Certified Products: [Pylon Anywhere](#), [M-Business Anywhere](#), [Mobile Sales](#), [Mobile Pharma](#), [Unwired Accelerator](#)



### Orange

Orange and Sybase work together to promote mobile application development for possible distribution to Orange's 50+ million customer base in 21 countries. Orange, a premier SDN partner, offers developers free online training, a research database, tools, downloads, application programming interfaces and peer-to-peer contact via the Orange Partner portal.



### source O2

source O2 acts as a one-stop-shop for developers, guiding them through every stage of development. [www.sourceo2.com](http://www.sourceo2.com) contains a rich stream of exciting content designed with the developer in mind. There is a wide array of material to work with, from toolkits to detailed device info; market analysis to case studies; industry news to events.

## Sybase Enters Agreement with Microsoft's Visual Studio Industry Partner (VSIP) Program

**The agreement will provide Sybase developers the benefit of tight integration with the .NET Framework.**

Sybase announces that it has entered into an agreement with Microsoft's VSIP program at the highest level, the premier partner level. Sybase and Microsoft's shared approach to information management technology will increase developer productivity and provide easier deployment of data-driven applications on the Windows platform. Sybase products included in the agreement are: **Sybase Powerbuilder, DataWindow, PocketBuilder and PowerDesigner.**

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This is a key step in moving forward to reach out to more potential customers and partners and by joining the VSIP program, it provides Sybase the ability to reach millions of Microsoft developer customers through enhanced co-marketing opportunities.

# Sybase Celebrates 20 Years of Innovation

## Customers and Partners Help Mark Anniversary at New York Stock Exchange

Sybase Inc., a leading provider of enterprise infrastructure and mobile software, marked its 20th anniversary at an event at the New York Stock Exchange with more than 700 customers and partners including IBM, Intel, SAP and Sun Microsystems, Inc.

"Today, we celebrate not just our own 20 years of success, but that of our customers and partners, who rank among the world's leading companies," said John S. Chen, chairman, CEO and president of Sybase. "With Sybase technology, we are enabling the Unwired Enterprise, ensuring that the right information gets to the right people at the right time and place. We are proud that the world's most critical data in commerce, finance, government, healthcare and defense runs on Sybase software."

### Leading Markets for 20 Years

In the past twenty years, Sybase has evolved from a database provider into a leader in both information management and mobile enterprise computing. Milestones achieved after the company's founding in 1984 include:

- 1988 -- First to market with a client/server relational database
- 1990 -- First to deliver open data replication technology
- 1994 -- Recognized as leader in open middleware technology
- 1995 -- Recognized as leader in client/server development tools with PowerBuilder®
- 1999 -- Recognized as leader in capital markets
- 2000 -- First to deliver an open J2EE applications server
- 2001 -- Recognized as leader in the mobile database market for the 5th consecutive year
- 2002 -- Recognized as leader in mobile middleware for the second straight year
- 2003 -- Recognized as leader in mobile content delivery with AvantGo® acquisition
- 2004 -- Recognized as leader in mobile device management with XcelleNet® acquisition; Products used in all 20 of the top brokerage firms in New York twelve years straight

### Business Solutions Program Premier Alliance Partners Join Celebration

A key factor in Sybase's success over the past two decades is the Sybase Business Solutions Alliance (BSA) program, numbering more than 2000 partners strong. Premier Alliance Partners IBM, Intel and Sun Microsystems joined Sybase in New York to celebrate the 20th anniversary.

"Our BSA Premier Alliance partners have helped us to forge an even deeper relationship with customers to move strategic growth markets, such as Intel in mobility," said Chen. "Likewise, our platform partners IBM and Sun represent the leading providers in Linux and Unix, of particular significance to the financial services sector, our first and still our largest customer segment."

"The heart of the IBM and Sybase relationship is providing our joint customers superior Linux systems that help achieve business goals in a cost effective manner," said Per Larsen, vice president, IBM eServer Systems. "Together, IBM and Sybase help enterprises lower data center costs and provide better performance. We congratulate Sybase on a successful 20 years and look forward to a long and prosperous partnership."

"Intel's and Sybase's visions in evangelizing the future of mobile computing and illustrating the benefits business transformations to our customers are well aligned," said John E. Davies, Vice President of Solutions Market Development Group at Intel. "Joint successes show that customers around the world are looking for standard based solutions, which provide versatility and respond quickly to changing market needs. Intel and Sybase are in a close partnership to provide these solutions. Congratulations to Sybase!"

"The Sybase and Sun alliance is 20 years strong," said Stuart Wells, senior vice president, Financial Services Industry, Sun Microsystems, Inc. "Our companies grew up together on Wall Street. Today we have a shared vision for providing customers low cost computing while delivering enterprise class performance and scalability. The combined Sun and Sybase solution reduces risk and complexity for our customers with fully tested and validated reference architecture solutions. Here's to 20 more years."

Sybase Premier Alliance Partners enjoy a variety of business enhancing privileges above and beyond those offered by the Sybase Business Solutions Alliance Program, including: assigned account management teams, access to market development funds to pursue joint market opportunities and in-depth planning for strategic joint accounts.

Committed to the philosophy that partnerships should be mutually beneficial, Sybase's Business Solutions Alliance Program connects partners to the resources they need to profit from the relationship, including quality product, tools, training and access to marketing, business and technical support. To learn more about partnering with Sybase, please go to

<http://www.sybase.com/partner> .

## Manitoba Family Services and Housing — Social Services Application

**Business Challenge:** Restructure a data-rich client/server application to improve the management and distribution of child welfare case information and dramatically improve case worker responsiveness.

**Solution:** Sybase ASE for Linux's n-tier architecture with a secure Internet services portal delivers a centralized child welfare service delivery application. It lowered hardware and maintenance costs, and provides an impressive increase in database performance.

### Results:

- Application is available across the province wherever an Internet connection is present
- The secure Internet services portal moves confidential information over the public Internet
- Dramatically decreased upfront hardware costs and ongoing maintenance
- Performance improved 700–1000%
- Stability for critical application

**Industry:** Government

### Sybase ASE Stores Critical Data

Using Sybase Adaptive Server Enterprise as a cornerstone, the Canadian province of Manitoba has created a secure, data-rich, world-class social services application. The Child and Family Services Information System (CFSIS) is a mission-critical case management system for coordinating and delivering child welfare services to Manitoba's population. Manitoba is a largely rural area with more than half of its population located in the city of Winnipeg. The mix of concentrated city population and thinly populated isolated areas required Manitoba Family Services and Housing to build a solution that was accessible to caseworkers across the entire province including outlying areas with marginal connectivity.

### CFSIS Guides Child and Family Welfare Administration

CFSIS is a Sybase PowerBuilder application running on top of a Sybase Adaptive Server Enterprise (ASE) backend database. CFSIS was originally written for OS/2 in a proprietary language in the early 1990's. The earlier version of the application used a fat client architecture, which delivered adequate performance only on more powerful desktop systems with a high-speed data connection. Given the geography and population distribution of Manitoba, the solution was inadequate for serving outlying areas. Additionally, the effort involved in coordinating application upgrades to each of the desktops made new release distribution infrequent and cumbersome. In 1999, the entire application was rewritten in Sybase PowerBuilder. In 2003, CFSIS was converted from its former 2-tier client/server architecture to a thin-client, n-tier architecture through the use of Citrix MetaFrame running on a centralized server farm.

The child welfare information kept in CFSIS is highly sensitive and personal; and could only be exposed to the Internet in an ultra-secure and safe manner. The development team built a secure Internet services portal to insure the confidentiality of the solution. They worked very closely with the Government of Manitoba's central security agency to meet or exceed all recommended security policies and practices.

The secure thin client solution solved both issues of low-speed connectivity access from remote areas and the application upgrade distribution problems. Brian Konopski, Director of Information Technology for Manitoba Family Services and Housing, explains the difference the new architecture makes to the caseworkers, "CFSIS is now easier and faster to access in rural and remote areas of the Province. Child welfare service delivery staff are able to spend less time working with the computer and more time working with the children and families they are serving while still ensuring that the central electronic case records are being kept current. Because it can be securely accessed from any Internet-connected personal computer, when faced with an emergency after-hours call, a worker can instantly access case information from their own home computer before heading out on the call."

### Sybase ASE – The Robust Backbone of a Complex Application

CFSIS has a friendly task-driven interface that supports more than 1,100 caseworkers and welfare workers with reminders and legal documentation. Konopski discusses the user experience, "The application manages the details of the administrative process so the trained professionals can be more focused on the families and children they are serving. They don't have to dig through paper every time their supervisor asks questions. Ultimately, it helps eliminate the potential for the worst case scenario of having a child be overlooked because of lost information."

As a legal entity, Manitoba Family Services and Housing generates a high volume of supporting documentation for court cases. The documentation includes case recordings, notes, letters, and memos stored in Microsoft Word format as Sybase ASE database objects. The CFSIS application tracks more than 371,000 person records that comprise approximately 186,000 individual cases. The application also tracks the address history of involved parties with 854,000 address records. Sybase ASE cross-references and aggregates this growing mix of people, locations, and documents into an easily accessed, unified view.

The Sybase ASE database, with 318 active tables and 1,200 stored procedures, is over 10 GB in size and is growing by approximately 200 MB per month. . Manitoba Family Services and Housing also uses Sybase Replication Server to keep a warm standby copy of the database to use for emergencies and for report generation without affecting the performance of the main transactional system.

Brian Konopski has high praise for Sybase ASE's performance and reliability in its role as the backend database for CFSIS, "In our department we have a wide variety of systems and technologies. This gives us first-hand information to compare Sybase's ASE database with others that we run like DB2, Ingres, and SQL Server. Sybase ASE gives us rock-solid reliability. ASE is one of the pieces of the infrastructure we don't have to worry about. I started here in 1997 and in all of that time we have never had an outage in CFSIS attributable to Sybase's software."

### **Linux – Lower Costs with Breathtaking Performance**

Due to several legislative changes, additional program modules, and because CFSIS was now widely accessible in the most remote reaches of the province, the amount of information stored in the system and the number of users was increasing rapidly. The hardware was five years old, query times were increasing and the maintenance costs were becoming painful. Manitoba Family Services and Housing began looking at lower-cost hardware solutions to manage their data.

Moving to Sybase ASE with Red Hat Enterprise Linux proved to be the best option. Sybase ASE for Linux provided a cost effective solution with a minimal amount of change and delivered a phenomenal performance boost.

Like most government agencies, Manitoba Family Services and Housing operates with a limited budget that is difficult to increase. Konopski describes the funding process, "Previously, to get any type of hardware update we had to build a business case, and fight for funding. Then a couple of years later we would have to go back and do it all over again. By moving to Linux we save enough on hardware and maintenance costs to pay for new backend Intel hardware every 24 months in perpetuity."

Not only was Linux an extremely affordable solution, it has proved to be a champion in terms of performance. In their testing Manitoba Family Services and Housing saw database performance improve by a factor of 7–10 times over their previous servers. This performance improvement easily absorbs the current and projected increase in user traffic and database growth for the foreseeable future.

### **Adapting to the Needs of the Child Welfare System**

CFSIS continues to evolve to serve the needs of child welfare and its caseworkers. Recently, the Manitoba developers implemented the Child Welfare Intake System that captures and coordinates all child welfare intake activities across the entire province.

Brian Konopski describes the changes, "Previously, intake was a manual process that recorded initial details and was written on paper or entered into a Word document. Later, the case would be entered into the electronic case management system. With the new intake system, the up-front information is entered when the initial contact is made which results in better coverage and much better staff knowledge on the details of the case. By getting into the system immediately, items that require further case management are known right away. With the manual system, action items did not always get visibility outside of the individual social worker involved. This information was also not factored into the overall system's broader statistics and trend analysis capabilities."

### **Technology as a Social Safety Net**

An overriding concern in any child welfare system is to avoid having children get lost in the system. Also, poor information capture can lead to misguided efforts and erroneous decisions. With CFSIS, the Manitoba team has built and refined a system that ensures important follow-ups are scheduled and tracked, cases are easily transferred, and irregularities are flagged and brought to the attention of caseworkers. CFSIS ensures that high-risk children are not lost in the system, even though they may move to a different region of the province and change assigned caseworkers.

The development team knows that these Sybase ASE records represent the well being of individual children, children of diverse cultural backgrounds and geographical locations. CFSIS normalizes these individual histories into a coherent picture and applies a consistent methodology based on Canadian law. CFSIS is not about profit, rather it supports the loftier goal of protecting children, some who exist in the interstices of our social fabric. The Family Services and Housing technology, with its assiduous record keeping and broad availability, helps protect the lives of Manitoba's children.

## **NEW iANYWHERE EARLY ADOPTER PROGRAM HELPS MICROSOFT SYSTEMS MANAGEMENT SERVER 2003 CUSTOMERS MANAGE AND SECURE FRONTLINE DEVICES**

iAnywhere Solutions, Inc., a subsidiary of Sybase, Inc., announced at the Microsoft's ITforum an early adopter program for enterprises looking to extend the configuration management capabilities of Microsoft's Systems Management Server (SMS) 2003 to a broad range of mobile devices used on the frontlines of business, including Windows mobile-based Smartphones, non-Windows platforms such as Palm, RIM and Symbian, and legacy Windows 98, Windows CE 3.0 and Pocket PC 2000 and 2002 platforms.

Working in conjunction with Microsoft, iAnywhere has integrated its industry leading mobile device management solution, XcelleNet® Afaria®, with SMS 2003, enabling enterprises for the first time to manage and secure all of their Windows and non-Windows frontline devices – PCs, laptops, handhelds and smartphones – from a central SMS console. With XcelleNet Afaria, SMS software packages can now be deployed to any of these devices from the SMS console and a detailed inventory of all hardware and software asset information is maintained in the SMS repository.

An early adopter program is timed with the availability of the SMS 2003 Device Management Feature Pack (DMFP). Early adopters that have installed the SMS 2003 DMFP can install the XcelleNet Afaria SMS 2003 Integration Suite and realize immediate benefits from the close integration provided by Microsoft and iAnywhere. Benefits for participants include gathering inventory data from all devices and distributing SMS software packages to all devices, as well as enabling security management, application enablement and task automation for frontline devices. In addition, connection management is provided for devices connecting to enterprise systems over low bandwidth or intermittent connections. Once the XcelleNet Afaria SMS 2003 Integration Suite becomes generally available in 2005, early adopters will be able to purchase this solution from iAnywhere.

"SMS 2003 provides a comprehensive solution for change and configuration management for the Microsoft platform. By working closely with iAnywhere, we can assure enterprises with diverse device types that those systems are secure and optimized for low bandwidth or intermittently connected network environments. Now workers in the field can operate effectively no matter where they are located and what device type they're using," said David Hamilton, director of the Windows and Enterprise Management at Microsoft.

"Today's companies are primarily concerned with making sure the necessary management and security tools are in place before incorporating mobile and wireless solutions," said Joan Herbig, vice president, XcelleNet Product Group, iAnywhere Solutions. "The early adopter program for the XcelleNet Afaria and SMS 2003 integration clearly demonstrates iAnywhere's and Microsoft's commitment to helping companies overcome this fear by making mission critical information securely available anywhere, anytime."

Organizations interested in participating in iAnywhere's XcelleNet Afaria SMS 2003 early adopter program should call iAnywhere's XcelleNet Account Services at (800) 322-3366 or visit [www.iAnywhere.com](http://www.iAnywhere.com).

### **About iAnywhere**

iAnywhere is the worldwide market leader in mobile and embedded databases, mobile middleware and mobile and remote device management. More than 15,000 customers and 1,000 partners rely on the company's award-winning enterprise products, including SQL Anywhere® Studio and XcelleNet® frontline solutions. In addition, its AvantGo® mobile Internet service has millions of registered subscribers. iAnywhere is a subsidiary of Sybase, Inc. (NYSE: SY). Visit [www.iAnywhere.com](http://www.iAnywhere.com) for more information.

## 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

### 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/ASP. 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.

### 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.

