OSGi Drives the Delivery of Managed Services to Automobiles at SAE 2002 Digital Car Conference and Exhibition

Member Companies Acunia, Gatespace, ProSyst and Sun Microsystems Showcase Automotive Solutions Utilizing OSGi Frameworks at Booth #5119

DETROIT – (March 4, 2002) – At the SAE 2002 Congress Digital Car Conference and Exhibition members of the Open Services Gateway Initiative (OSGi) are demonstrating the OSGi Service Platform Release 2 as a powerful framework for the network delivery of managed services to the automobile. Among the OSGi member companies presenting at the conference: Acunia, Gatespace, ProSyst and Sun Microsystems bring automotive information and entertainment solutions to life at the OSGi Booth # 5119 of the Digital Car Pavilion.

“OSGi member companies have highlighted the vehicle as a key application segment,” said John Barr, president of OSGi, and director of Standards Realization, Motorola. “The OSGi open specification(s) provide car manufacturers and service providers with a framework to deliver applications and services to the automobile using a common interface.

OSGi provides a simple and efficient platform to access, download and use dynamic, on-demand services in a vehicle’s mobile environment. Applications as diverse as remote door locking, on-demand navigation and remote diagnostics to banking, entertainment and information access can all be enabled by the OSGi platform.

According to International Data Corporation (IDC), the telematics market will grow to $42 billion by 2010, up from $1 billion in 1998. Meanwhile, Strategic Analytics forecasts that 50 percent of all new cars and 90 percent of new higher-end cars will be equipped with real-time data services or telematics by 2006. In addition, the subscription market will reach $2 billion by 2005, says Westwind Research Group.

OSGi Member Showcase at Digital Car
ACUNIA demonstrates the managed delivery of electronic services to users in a seamless way to multiple terminals. The terminals include a PC, PDA and an embedded device, which is based on the XINGU® product of the ACUNIA Embedded Solutions Business Unit. The ACUNIA Open Telematics Framework® OTF is a business application that allows the service aggregator to manage and control his business of delivering value-added services to customers via all types of terminals using the OSGi platform. The demonstrated service portfolio includes navigation, map locator, diagnostics, home security and e-mail service.

Gatespace features its modular Enterprise-to-Edge Solution for Telematics. This telematics infrastructure dynamically connects in-vehicle edge servers and gateways running end-user telematics services with services offered on enterprise systems. The demo shows how back-end enterprise servers can effectively and remotely manage, provision, configure and operate telematics services running on OSGi-based platform for in-vehicle gateways. With Gatespace solutions, vehicle OEMs can reduce costs by performing remote vehicle diagnostics to collect valuable vehicle data, gain control of preventative maintenance information and more.

ProSyst showcases how an OSGi framework can run on an embedded hardware platform in order to realize telematics/networking functions like the connection to vehicle networks, such as CAN. Through ProSyst’s mBedded Server 5.0, a range of features can be implemented – such as dynamic off-board navigation, entertainment, tracking and tracing, order entry and fleet management. Thus, applications and information can be downloaded and installed on-the-fly in a safe manner.

Sun Microsystems highlights the Java™ Telematics Technology, currently in development, which provides an in-vehicle lifecycle management infrastructure. Java Telematics Technology includes an embedded development platform to demonstrate provisioning of content and applications to the vehicle, such as off-board navigation applications. Java Telematics Technology is an end-to-end solution for next-generation, telematic service delivery to vehicles including a Java telematics client based on OSGi technologies and an application development toolkit.

About OSGi

The Open Services Gateway Initiative (OSGi), established in 1999, is an independent, non-profit corporation working to define open software specifications for the delivery of networked services to devices anywhere. OSGi also works to proliferate these open specifications through the
sponsorship of technology, market, and user education programs. OSGi is a global cross industry, 70 member consortium. Membership is open to any interested party, including Internet Service Providers, Network Operators, Original Equipment Manufacturers, Independent Software Vendors, end users, academic institutions, government agencies, and non-profit organizations. The consortium’s Web site address is http://www.osgi.org.

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