



Open Services Gateway Initiative

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Charter

The OSG Initiative (OSGi) is an open industry effort announced in March, 1999 by Alcatel, Cable and Wireless, Electricité de France, Enron Communications, Ericsson, IBM, Liberate Technologies, Lucent Technologies, Motorola, Nortel Networks, Oracle, Philips Electronics, Sun Microsystems, Sybase and Toshiba to specify the "Open Services Gateway." OSGi has since organized as a Non-Profit 501 (c) (6) Corporation in the USA. Additional companies - AMD, Inc., Coactive Networks , Com21, Inc., Compaq, Deutsche Telekom, Berkom GmbH, Domosys, Echelon Corporation, emWare Inc., France Telecom, Gatespace AB, GTE, Hewlett Packard, National Semiconductor GmbH, Nokia Corporation, ProSyst Software, Schneider Electric, SA Sharp, Siemens AG, ST Microelectronics, Telia Research AB, Tokyo Electric, Whirlpool Corporation - have also announced their support for OSGi during the last few months.

OSGi's mission is to create open specifications for the delivery of multiple services over wide-area networks to local networks and devices and to accelerate demand for products and services based on these specifications worldwide through the sponsorship of market and user education programs.

An Open Initiative

The OSGi specification will create an open standard for a service gateway that is inserted between the external network and the internal network. An implementation of the OSGi gateway will link client devices in the SOHO/ ROBO or residence, such as a JINI smart appliance, to external service providers. This gateway will provide a central point from which services can be deployed to and managed. Services can then be managed from a central Management and Operations system and can link enterprise billing, and other existing legacy applications to the clients internal to the gateway.

The Solution

OSGi delivers an open, common architecture for service providers, system developers, and equipment manufacturers to easily develop, deploy and manage these multiple services in a coordinated fashion.

e-service examples

- Alarm & Safety
- Energy Management
- Healthcare
- Home Automation
- Home Networking
- Content Services
- Entertainment
- Home Appliance
- e-Commerce
- One Point Internet