



OSGi™ SERVICE PLATFORM HELPS EMBEDDED INDUSTRY ANSWER MARKET DEMAND

OSGi technology is shipping in millions of units worldwide and serves as the platform for universal middleware in embedded devices as well as server environments.

The open standard helps companies to distinguish themselves from competitors by offering new capabilities and services first in fast-paced, technology-driven markets.

The OSGi Service Platform provides Java™ developers with a dynamic, component-based execution environment so modules can be plugged in or unplugged without re-starting the system. The open standard service platform decreases the cost of development, increases application development opportunities, and enables remote management and service in a wide range of embedded systems, from enterprise applications to networked consumer devices, despite their differences in hardware, capacity and performance.

- Reduce development time by reusing existing software
- Increase revenue by adding services and applications in runtime
- Increase market opportunities by encouraging new application development
- Reduce maintenance costs by managing services remotely

The componentization and dynamic servicing capabilities of OSGi technology increase the value of marketed solutions by managing lifecycle costs and answering key end-user needs.

Residential Gateway Opens New Revenue Opportunities

The broadband customer premise equipment market reached 5.6 billion in 2006, according to Infonetics Research. Intense competition is driving down unit costs for residential gateways and operator revenue for basic services, prompting operators to demand products that support at least triple-play services to drive sales and enable new revenue from value-added services.



Electronics powerhouse Siemens fast-tracked its answer to these new competitive demands with an OSGi framework and remote management platform from ProSyst, mBedded Server and mPower Remote Manager. The Gigaset SX 765 residential gateway offers operators and service providers wider service revenue opportunities, differentiating Siemens from other equipment manufacturers.

“We designed the Gigaset gateway to be a fully manageable and upgradeable solution for operators to create ongoing and incremental revenue,” said Thomas Ploeger, product manager PH TIH, Smart Home Solutions, Siemens. “The remote management and service element in the gateway future-proofs the operator from losing revenue when new services are available or requested.”

Operators can leverage the backend service capability and gateway to operate as a service aggregator, gaining incremental revenue delivery and administration of third-party services. The triple-play gateway enables value-added services including security, health care, education, personalized information and entertainment like television or video on demand. The security built into ProSyst’s OSGi-based framework makes it safe and easy to add these revenue-generating services.

At the same time, consumers can easily plug in device extensions, automatically download software for new devices, and deploy personalized services like security, health care and entertainment through a single provider without threatening the network or seeing its complexity.

Open standards drive competition, innovation

As Siemens residential gateways demonstrate, deploying an open standard decreases development times and increases quality, stimulating competitors to innovate for market share. The quality of the technology and the end-user business experience improves with increased participation. The OSGi Service Platform delivers that open standard dynamic within the embedded market, enabling its users to respond to ever-changing market needs and differentiate themselves from competitors.

For more information, visit:

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