

Gigaset SX 765: The Key to a Smart Home

Siemens (Berlin and Munich) is a global powerhouse in electrical engineering and electronics. The company has around 475,000 employees working to develop and manufacture products, design and install complex systems and projects, and tailor a wide range of services for individual requirements. Siemens provides innovative technologies and comprehensive know-how to benefit customers in over 190 countries. Founded more than 155 years ago, the company focuses on the areas of Information and Communications, Automation and Control, Power, Transportation, Medical, and Lighting. In fiscal 2006 (ended September 30), Siemens had sales from continuing operations of €87.3 billion and net income of €3.1 billion.

Siemens Home & Office Communication Devices is responsible for the Gigaset product line. Gigaset broadband products bring wireless internet access to every part of the home. They're fast. They're easy to use. They're changing the way we live.

The Device

The Gigaset SX 765 is a "Smart Home" Gateway that includes VoIP, WLAN, and ADSL 2 technology. Siemens wanted to provide an end-to-end solution for the smart home market. The device was designed to be a fully manageable and upgradable Smart Home solution and should offer the option for the operators to make enhancements for the CPE (customer premises equipment) and network platforms.

The Challenge

For its new Gigaset family member, the SX 765, Siemens was looking for a software platform which is scalable, extendable and based on open standards. Siemens decided to choose OSGi technology. Now Siemens had to find the smallest, fastest and most reliable OSGi framework on the market.

In addition, Siemens evaluated existing remote management platforms for CPE management to be able to offer an end to end solution for its operator customers.

The Solution

After a detailed evaluation of all market players, Siemens selected ProSyst's ready-to-use OSGi framework, mBedded Server, and the remote management platform, mPower Remote Manager.

All-in-one Solution for Triple Play

What is the Gigaset SX 765 all about? It is the all-in-one solution for Triple Play Plus, including internet access, phoning over internet (VoIP) and an analog fixed network as well as wireless and wired networking for several PC and smart home applications, like home entertainment.

The solution integrates a "Service Enabling Platform" (SEP) for the carrier's/operator's backend services and operations. The carrier can operate as the service aggregator by using both the platform's backend and service gateway to deliver and administrate applications and services to smart homes; including 3rd party services from other service providers, such as healthcare services.

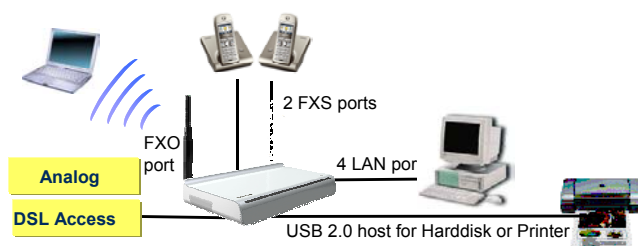


"We believe that the OSGi framework and the remote management system from ProSyst are the best products on the market, both from a commercial and technical point of view. We are very satisfied with the commercial off-the-shelf products and we are pleased with the support and services team." said Thomas Ploeger, the responsible Product Manager at Siemens SHC.

ProSyst and SIEMENS

Success Story

Daniel Schellhoss, Executive VP ProSyst comments: "We are very pleased that Siemens has selected our products. The Gigaset SX 765 is probably the most promising Smart Home Gateway on the market. Since it is targeted for the consumer price level it can be adopted by the mass market".



The features of Gigaset SX 765

- Wireless data rate: up to 108 Mbps (IEEE 802.11g, Atheros Super G)
- Integrated ADSL/ADSL 2+ Modem
- Up to 6 different VoIP Accounts supported in parallel + PSTN
- Integrated PBX functionality (SIP Proxy for up to 6 extensions)
- 2 FXS ports to connect analog phones
- FXO port, supporting analog
- Up to 4 PCs can be connected with cables
- USB 2.0 host interface with built-in file-/print
- KNXNet/IP
- Remote Management: OSGi-based, TR-069/WT-104, TR-064
- Java VM + ProSyst OSGi-based mBedded Server

Features for the Home Gateway

- One harmonized, easy-to-use interface to control all devices
- User interface suitable for a broad variety of clients (Entertainment devices, phone, PDA, PC, wall-mounted display)
- Plug & play for device and service extensions
- Automatic software downloads for new connected devices
- Integration of new functionalities in the user interfaces
- Advertisements for featured services on various user interfaces
- Executes home-centric applications
- User-defined scenes and scenarios, scheduler and interaction planner

Features for Operator Backend

- Framework and development tools to enable managed, network-centric applications
- Security, Home Care, Education, Personalized Information, Entertainment
- Enables secure remote access and status control of all devices
- Offers services: subscription, billing, logging and platform management

Why ProSyst?

- Ready-to-use, very stable, standardized and proven solution, based on the latest OSGi specs
- Proven track record in OSGi business
- Experience with similar projects/products reduced the development risk
- Best support, fast professional services and active technology transfer
- Flexibility and performance of the people
- Compliance and openness to 3rd party solutions

The Conclusion

By choosing ProSyst, Siemens has created an innovative and future-proof system which is extendable in modular manner at any time.

For more information and to learn more about what ProSyst can do to make your project a success, please contact ProSyst at sales@prosyst.com or by phone +49 221 6604-0.

For more information regarding the Siemens' Gigaset SX765, please contact Siemens Home and Office Communication Devices at phone +49 89 722 33530.