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ProSyst Software GmbH

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**OSGi für konvergente Lösungen im Heim,
Auto und auf mobilen Endgeräten**

Today's Challenges

- **Increasing consumer requirements**
- **Need for strategic market differentiation**
 - State of the art, extensible devices on a variety of models
 - Addressing costly remote diagnosis and maintenance, tele-services
- **Massive increase in system complexity**
 - Life-cycle mismatch (SW/HW)
 - SW is becoming predominant
 - Complexity leads to exponential integration & testing efforts
 - System maturity is difficult to achieve
 - Implementation risks are high
 - Time to market uncertainties

Customer Expectations

- **Cost-optimized platform**
 - Standardized hardware abstraction
 - Standard platform APIs and basic libraries
 - Modular architecture
 - Re-use of software
- **Faster time to market**
- **High maturity/ quality**
- **Reduce overall dependencies**
- **Life cycle management/ scalability/ customization**
- **Secure infrastructure**
 - Authorized dynamic service deployment
 - Optional integration of third party services/ support
- **Concentrate on applications not basic architecture**

OSGi Alliance

The OSGi Service Platform is an open software standard that provides a common platform for service providers, device manufacturers, and others to remotely and dynamically deliver, integrate, and manage a rich set of valuable services to building, home, mobile, vehicle and other environments.

www.osgi.org



What is the OSGi-Specification ?

- **Created through a collaboration of industry leaders**
- **Defines the framework for service delivery and administration**
- **Defines specifications for OSGi bundles**

- Release 1 May, 2000
- Release 2 October, 2001
- Release 3 April, 2003
- Publicly available at www.osgi.org

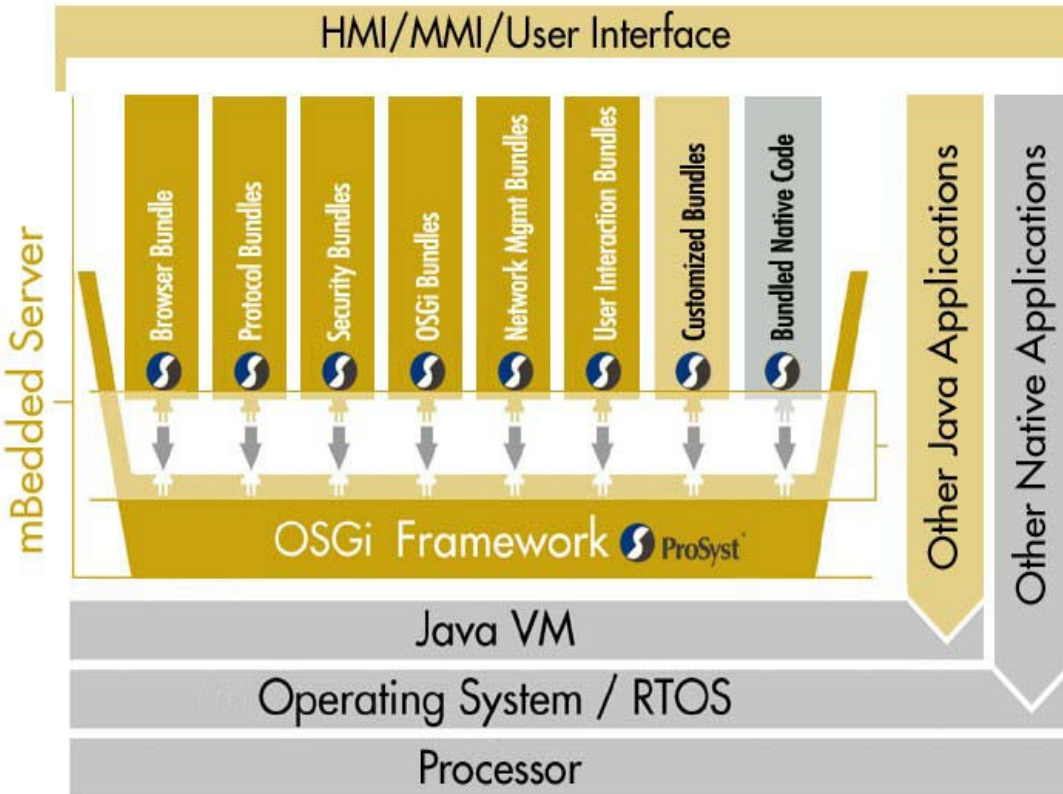
What is the OSGi-Service-Platform ?

- **A Java framework for developing service applications that can be remotely deployed and managed, that require:**
 - Reliability
 - Large scale distribution
 - Wide range of devices
 - Authorization Rules
 - Collaborative
 - Future Proof Solutions
- **Created through collaboration of industry leaders**
- **Release 3 publicly available at www.osgi.org**

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mBedded Server Smart Home Edition



- **Open, modular and scalable Service Delivery Platform**
- **Authenticates itself with the back end management system**
- **Allows dynamic software updates "on the fly"**
- **Many ready-to-run bundles and applications available**
- **Browser, GUI and User Portal available**
- **Allows SW lifecycle management**
- **Offers high security**
- **Support a large range of platforms (HW, OS, ...)**

OSGi Benefits

- **Cost savings through...**
 - Standardized hardware abstraction
 - Standard platform APIs and basic libraries
 - Flexible integration platform based on open standards
 - Modular, configurable and scalable platform offers enhanced functionality on command
 - Standardized API's and basic libraries
 - Reusability of SW leads to rapid application development
 - Remote diagnosis and maintenance
 - Facilitation of overall dependencies
(bundles, platform vendor, service provider, network)
- **Less project risk through incremental improvements instead of bottom-up re-design for each project**

OSGi Benefits

- **Better software quality/ faster time to market through extensive source code re-use**
- **Resolves life-cycle mismatch (HW/SW)**
 - Remote configurability, management and dynamic download of new software
 - No need for expensive recalls
 - Post sale deployment of personalized services and future “killer applications”
- **Customizable and reliable security mechanism**
- **Platform independence (underlying Java technology)**

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Motorola Connected Home

- **Motorola MS1000 software platform based on ProSysts' OSGi Service Platform, mBedded Server**
- **Motorola Gateway Management System - based on ProSyst mPower Remote Manager - can monitor gateway vitals, manage SW downloads, etc.**

It's the 21st century. *It's time to live like it.*
Our Wireless Home Networking solutions do exactly th
keeping people **informed, connected and entertained...**

leveraging the power of the broadband pipe in the home + office.



Motorola Home Monitoring and Control

Our portfolio of advanced broadband applications enable people to stay connected to their homes even when they're away. Remotely monitor **security**, control heating, cooling and lighting through any Web browser. The **Motorola HM1000 Home Monitoring and Control System** provides *everything you need*, including software and wireless camera.



**shipping
product**



The **Motorola MS1000 Media Station** platform enables consumers to build an advanced broadband network inside the home, complete with file sharing, digital music and media streaming along with the ability to run additional applications offered by a broadband service provider.

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SiemensVDO TLA

Since Q4/2003 the new BMW 5-series and 6-series proposes a TLA based system worldwide including:

- **Entertainment** (CD, TV, Logic 7 amplifier)
- **Communication** (Bluetooth phone, SMS)
- **GPS Navigation** (Whole Europe on DVD)
- **Telematics** (BMW Assist, BMW Online, E-Call)
- **Car Configuration** (Head-Up Display, Car locking)
- **Climate Control**



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Contact

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