Paris, France

OSGi Alliance

2005 Developer Forum & World Congress
OSGi Service Platform in Home Control, Entertainment and Communications Applications
• **OSGi Drivers of standard control networks** such as X10, EIB, LON or Zigbee.
• **External adapters** connected through USB, Serial or IP.
• **Integrated network control adapters** inside the gateway.
• **Protocol independence** of object representation.
• **OSGi Drivers of proprietary systems** like Hometronic, Busing, e-domo or Powermax.
• **Event planner or triggers**.
Entertainment

- Media Player (Photo/Video/Audio/Radio/TV)
- Media server, Media control and Media render UPnP compatible
- Distributed signal with coaxial or RF
- Local content (USB2/Shared folders)
- Remote content (Multicast TV o VOD)
- Analogue control with distributed infrared emitters and receptors
- iTunes & iPod support
- Tunner DVB-T/S/C
- MHP 1.0.3 with HAVi 1.1
Communications: Data & Voice

• WAN interfaces: ADSL2+, Ethernet, ADSL, Cable
• LAN interfaces: WiFi, HomePlug, Ethernet, HomePNA
• VoIP: SIP Client with video call
• VoIP: SIP proxy with IP phones
• PBX functionalities
• Backup connection with GPRS/UMTS PCMCIA
• Conditional access: User, Time, paternal control
• Unified messaging: SMS, XMPP, SMTP, POP3 client with filters of spam & Virus

• Accessories (Internal/USB):
  - Bluetooth
  - HomePlug
  - WiFi Compatible

• Base Connectors:
  - PS/2 para Teclado RF
  - Red Local RJ-45
  - Puerto pararelo impresora
  - Audio IN
  - Audio OUT
  - Micrófono
  - VGA Display
  - S-Video
  - Dispositivos Adicionales
  - Modem ADSL
  - RCA Video
User Interface

- Remote access from mobile, PDA, Tablet or PC
- Optional Touch screen integrated
- WebTV: Browsing WEB without PC
- Non dedicated home control interface required
- Compatible with keyboard and mouse (PS2/USB/IR)
- IR remote control with receiver embedded or external
- Visualization in all the TV of the home with RF or COAX
- Presence control with Bluetooth
- Voice recognition with remote control
- XML API
- Tunnelling communications
Business Model

- Entertainment
- Communications
- Security
- Comfort
- New services
- Universal IR blaster
- VoIP Telephony
- Energy Intelligence
- Voice recognition

HogarDigital API

- Java Virtual Machine and OSGI v3 Framework
- Linux Embedded, Mozilla GUI and mPlayer
- Via Technologies CLE266 based mainboard

Basic Service
Premium service
Partners service
Partners

- Reference Hardware: Via Technologies
- Service aggregation platform: Prosyst
- Remotes and keyboard: Sejin
- Service provider: Telefonica
- Konnex: Eibshop
- Lonworks: Isde
- Integrators: Operia
- Zigbee and X10: Diverse OEM
- Security RF: Visonic
- Comfort RF: Honeywell
- Proprietary control: Diverse ODM
Any questions?

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