OpenRG™ for Intel® IXP425

Intel® IXP425 Network Processor

The Intel® IXP425 family of highly integrated network processors (based on the Intel® XScale™ RISC core) supports multiple WAN and LAN technologies giving customers a common architecture for multiple applications. These network processors deliver wire-speed performance and sufficient "processor headroom" for manufacturers to add a variety of rich software services to support their networking applications.

The Intel® IXDP425 Network Processor Development Platform is a powerful tool for developing and verifying hardware and software for the Intel® IXP425 network processors. Developers can use this flexible and extendable platform for product development and prototyping.

Jungo's OpenRG for Intel® IXP425

OpenRG is a scalable suite of software technologies that provides customer premise equipment (CPE) manufacturers with the infrastructure needed to bring residential gateways, integrated access devices (IADs) and CableHome™–based devices to market faster.

OpenRG includes drivers, an operating system and remote management capabilities. In addition, OpenRG combines a set of highly integrated applications and services required for the home and small office, such as home networking (wireless LAN - 802.11a/b/g, Ethernet, HomePNA™, HomePlug, Bluetooth, Coax), network security (Stateful Packet Inspection Firewall), Virtual Private Networking (VPN), remote management (web and SNMP-based) and remote upgrade capabilities.

Key Benefits

- **Time to market**: OpenRG is pre-integrated and tested on the Intel reference designs to enable Intel's customers to quickly enter production, with a robust software offering.
- **One software source**: OpenRG's complete software solution includes a choice of operating systems, communication protocols, routing, network security, management and home networking applications, all from one vendor, ensuring higher levels of integration and better support.
- **High quality solution**: OpenRG has been extensively tested to meet industry standards.

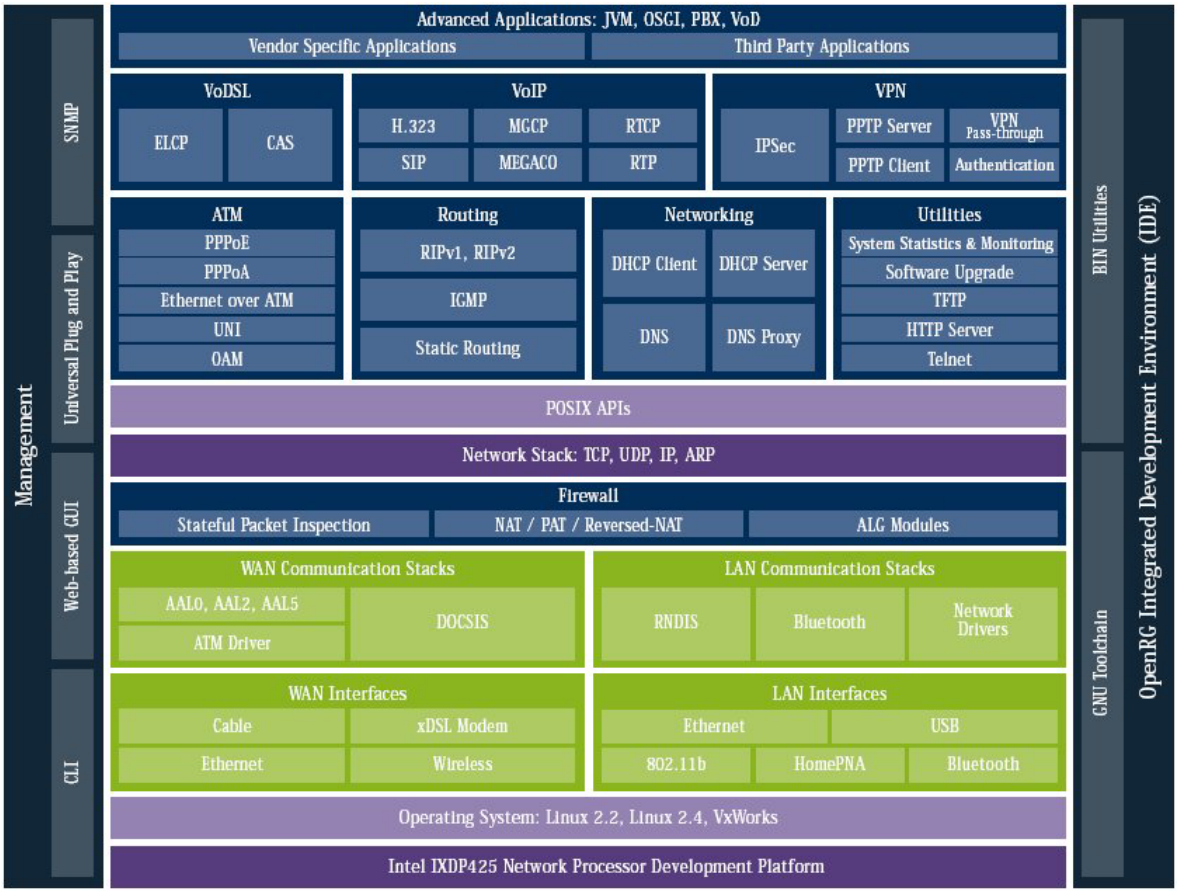
Target Platforms

- DSL gateways/routers
- Cable modems/routers
- CableHome-based gateways
- Standalone devices
- DOCSIS™-based devices
- IADs
- Wireless access points
- SOHO/ROBO gateways

Jungo's Work with Intel

- Jungo has secured several design wins on Intel platforms in North America, Asia-Pacific and Europe
- OpenRG has been optimized for the Intel® IXP4XX product line
- Jungo is an Intel Capital Portfolio Company

OpenRG's Software Architecture



OpenRG for Intel® IXP4XX Key Features

- Optimized embedded Linux OS
- WAN interfaces – Ethernet, DSL
- LAN interfaces- Ethernet, 802.11a/b/g, USB 1.1 Slave, Serial port, PCI
- Support for CableHome 1.0-based devices
- RG-Firewall™ - Stateful Packet Inspection
- RG-VPN™ - IPSec, PPTP C/S
- NAT/NAPT
- Broadband Internet sharing
- Networking - DHCP server/client, DNS
- Plug and Play home networking
- Auto learning DHCP and DNS
- Universal Plug and Play
- IP Routing and Bridging - static routing, IGMP, RIP v1/v2
- PPP, PPPoE
- Remote and local management via web-based management and SNMP
- Remote upgrade capabilities
- APIs and hooks for third party applications
- Optimized GNU-based tool chain

About Jungo

Jungo Software Technologies is a leading supplier of residential gateway software solutions, driver development tools and hardware access applications. Jungo offers integrated reference designs with several of the most influential global silicon vendors, enabling its customers to simplify device development cycles, improve performance and accelerate time to market. Jungo is a privately held company with corporate offices in San Jose, California, sales and support offices in Taiwan and an R&D center in Israel. Founded in 1998, Jungo's investors include TeleSoft Partners, Infineon Ventures and Intel Communications Fund.

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