

# RomPager Family Applications

*Device Vendors Leverage Internet Technologies  
for Improved Customer Satisfaction*



Manufacturers have been integrating Internet technologies into a great variety of devices. By allowing customers to use standard Web browsers and email readers to interact with their products, they are seeing increased customer satisfaction and increased product sales. Here is a list of some of the Allegro customers and their products.

**3Com** is shipping Web-based management using RomPager for their TotalSwitch LAN switching hubs and the LANLinker Dual Analog Router, with an embedded Web server for HTML-based configuration and monitoring.

**Agilent Corporation** uses the RomWebClient embedded HTTP client and the RomXML embedded XML parser/framer in their Service Advisor communications tester to provide improved product updating capabilities using standard Web servers to deliver product updates.

**American Power Conversion** has shipped more than 100,000 uninterruptable power supplies and power control units using the RomPager embedded Web server to provide full Web-based management. The products were first shown at Comdex '96, and have been seen at subsequent ComNet and Interop shows.

**Andover Controls Corporation** is shipping Web-based management of their Infinity automated building controls product family. The embedded RomPager Web server allows customers to use Web browsers to manage access points, inspect alarms, conduct system diagnostics, as well as other functions.

**Bizfon, Inc.** uses the RomPager Web server to provide an easy to use Web-based interface for their BizCare service package which is available with the Bizfon 680 small business telecom solution. The Bizfon 680 is a communications switch that incorporates call management, voice mail, automated attendant, fax-on-demand and Internet access in a single, low-cost package.

**The Cisco Systems** IP Telephone 7960 uses a single LAN connection to an office 10/100BaseTx Ethernet network to provide integrated voice and data communications. The phone allows the consolidation of data and voice into a single network infrastructure, using a single cable plant, a single switched Ethernet fabric for campus or branch offices, and unified systems for operations, administration, and management. The IP Phone 7960 uses RomWebClient and RomXML for call control and directory services. Over 600,000 units have been shipped since June 2000.

**D-Link Systems, Inc.** uses RomPager for embedded Web-based management of a number of their products such as the DES-3225G 24-port 10/100Mbps Ethernet switch. The RomPager embedded Web server is also included in LAN switch products provided to **Intel** under private label agreement.

**Extreme Networks** ships their Summit Gigabit Switching products with the RomPager Web server and an extensive variety of pages so that they can be fully managed with any Web browser.

**Foundry Networks** ships the RomPager embedded Web server technology inside their entire family of products including the BigIron Switching Routers, the FastIron Switches and the NetIron Core Routers.

**Interspeed** ships their System 1000 and 500 Central Office ADSL solutions (first displayed at the April '98 Interop) with the RomPager embedded Web server to provide a highly graphical Web-based management application.

**NetSilicon, Inc.** develops and markets semiconductor devices and software solutions designed to meet the networking requirements of embedded systems. NetSilicon's products are incorporated into the design of embedded systems to provide them with the ability to communicate over standards-based local area networks, wide-area networks and the Internet, enabling the development of new embedded systems applications. NetSilicon provides the RomPager Web Server with the NET+ARM family of products and has shipped over 250,000 units.

**Net To Net Technologies** is shipping the IP DSL Access Multiplexer 12000 which is the industry's first Native IP-based DSLAM. Unique to the IPD 12000 embedded management is an integrated customer database, allowing simultaneous management of chassis equipment for the creation and control of circuits, as well as subscriber specific information to co-exist within a single management framework. The RomPager Web server resides on the multiplexer uplink module, providing redundant management capabilities when both uplink cards are used. The embedded management screens use standard HTML making chassis management easy, reliable, and responsive.

**Nokia** is shipping Web-based installation, configuration and control of their LoopMaster Central Office products. These products provide RomPager-based management for easy control of the local loop infrastructure.

**Proxim** is shipping the RangeLAN2 wireless LAN products with the RangeLAN2 Manager which provides graphical Web-based management of both single access points and collections of multiple access points. The RomPager embedded Web server provides the RangeLAN2 with extensive HTML and JavaScript support.

Since October '97, **QMS** has shipped the CrownView Web-based management application with over 100,000 networked printers. The RomPager-based application allows users to easily check job status and consumables levels and manage configurations.

The **RCA eBook Reader** is a battery-powered electronic reading device that can hold up to 50,000 pages and uses RomWebClient to download electronic books. The eBook system can use existing IT and Web infrastructure to deliver critical business information to a company's employees and business partners.

**Xerox** has shipped more than 250,000 DocuPrint low-cost laser printers, using the RomPager embedded Web server for installation and configuration. The printers can send notifications of job complete, paper out, or toner out using the RomMailer SMTP client and uses the RomPOP mail reader client to retrieve print jobs that customers have submitted via email.