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# ubiquity products

## *Helmsman® Application Services Platform*

### *Platform Overview*

*"Ubiquity delivers software products that accelerate service generation capability in the Next Generation Network infrastructure being delivered through Softswitches and Multimedia Gateways."*

Around the world, Service Providers are building high-speed IP based networks to deliver a broad range of multimedia services and the Internet Engineering Task Force's (IETF) RFC.2543 — Session Initiation Protocol (SIP) is the technology being used to deliver these services. The Helmsman suite of SIP-based products provides standards based control of these services that can be accessed from next generation telephony networks. These products stand alone in their abilities to deliver these next generation services from the core of the network to the end-user applications. Ubiquity solutions enable Service Providers to succeed in the convergence of voice communications and data services.

The Helmsman Application Services Platform consists of the following components:

**Helmsman Application Services Broker** is the cornerstone element in the Helmsman Application Services Platform, performing all the call co-ordination, network services and media server integration required to enable advanced services. This allows Service Providers to create and deploy new revenue-generating services quickly and efficiently, in response to end-user requirements.

**Helmsman SIP Proxy Servers** complete the Service Provider's existing network with Next Generation Network capability. SIP Proxy, Redirect, Location and Registration server functions within the Helmsman SIP Proxy Server uniquely address the Service Provider requirements for a robust, fault-tolerant, high-capacity network solution.

Addressing the need for Service Providers to deliver revenue-generating services to the desktops of their customers by offering these services through existing familiar applications and drop-down menus, two clients are available:

**Helmsman Desktop for SIP** is a lightweight client application resident within an end user's personal computer. It embeds revenue-generating services within familiar desktop applications such as ACT!, Microsoft Office, and Internet Explorer. Communicating through the Helmsman Application Services Broker, Helmsman Desktop for SIP becomes an integral part of end-to-end communications service solution.

**Helmsman IPConsole** is a Java-based Attendant Position Operating Console. The Helmsman IPConsole solution offers mobility and flexibility to a receptionist, by allowing the migration of the Attendant Position to a variety of locations within a business environment as the need arises.

**Helmsman DesignDeck** delivers service creation power into the hands of Service Designers and Service Providers. Helmsman DesignDeck allows Service Designers to create innovative new services and applications that combine the power of comprehensive call control with existing or newly created customer-specific applications.

*Service Module Creation* uses a suite of Java objects within a powerful API framework embedded in the Helmsman Application Services Platform. These Java objects span of influence includes both server and client side capabilities.

*Service Creation and Deployment* allows the Service Provider to manipulate a host of services objects that are either abstractions of network call control or newly created services. Service objects can be bundled allowing the delivery of custom service packages to the subscriber base.

Service Modules are value-added software plug-in components that allow Service Providers to create revenue-generating services for their customers. Some examples of Helmsman SIP Service Modules are: User Profile Module, Web Page Push Module, and the Branded Dial Tone Module. With new modules constantly coming on-line, creating new revenue-generating services has never been easier!