



Polycom® Voice Video Interface Unit Product Family - V²IU

Converged and Secure UCC Solutions

Now anyone can communicate across the public Internet, safely and securely

Since the first IP-capable voice and video conferencing systems were released in the 1990's, organizations around the world have been looking forward to the day when unified collaborative communication (UCC) applications can be routed over the public Internet as easily as they are routed within corporate intranets.

Working together with industry leaders, Polycom is defining solutions for Secure UCC sessions utilizing the Internet. Polycom's Converged and Secure UCC Initiative seeks to broaden the reach of UCC applications by making it possible for everyone to use standards-based, network security tools and techniques. The goal is to enable and simplify collaboration at a distance between distributed individuals and workgroups, both inside a company as well as outside.

Routing UCC applications across the public Internet increases the effectiveness and productivity of distributed individuals and workgroups. It extends the geographic reach of UCC applications to a much larger group of colleagues, suppliers, partners, and clients. It also allows UCC sessions to become more spontaneous and cost effective compared to traditional ISDN implementations.

Polycom's focus is on providing the ultimate communications experience in all major environments, to the broadest possible audience. Our Converged and Secure UCC initiative will first make it possible to hold sessions across the Internet, offering access to more users. Only Polycom is committed to growing the marketplace by establishing ubiquitous access to our UCC solutions.

Polycom's Voice Video Interface Unit (V²IU) family of products

The Polycom V²IU network appliance, based on Application Aware Networking™ technology, is an all-in-one networking and security solution for enterprises and service providers. It reduces costs by simplifying the deployment, management, and security of converged video, voice, and data networks.



Connect. Any Way You Want.

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Application Aware solution that resolves the NAT/Firewall issues

The V²IU performs video and voice NAT at the public/private IP address boundary eliminating the security risks of traversal methods that tunnel or “hide” video and voice traffic from existing perimeter security. It allows a single public IP address to be used for multiple private LAN VoIP and video clients

Dynamically secures video and voice devices

A stateful packet inspection firewall is used in combination with an application layer gateway to provide comprehensive application-aware security. This approach enables the V²IU to dynamically provision and close TCP and UDP ports as needed by the video and voice endpoints.

Optimizes the quality of video and voice calls

The V²IU forwards video and voice traffic the shortest path possible to minimize jitter, latency and packet loss. It also provides traffic management to ensure that high priority real time video and voice traffic is processed before lower priority data traffic.

Based on robust, telco-accepted technology

The V²IU enables robust use of standards-based networking security mechanisms. It has been installed in the world's most demanding enterprise and telco environments

The V²IU product family – an appliance for every environment

Ideal for SOHO and small-to-medium enterprise edge deployment, the 4300 series comes with 4 x 10/100Mbps Ethernet LAN interfaces; 1 x 10/100Mbps Ethernet WAN interface or T1/E1 WAN. The 4300 series supports up to 3Mbps of video, voice, or data traffic.

The 5300 series appliance is offered in configurations to support an enterprise edge or a service provider edge includes 1 x 10/100/1000Mbps Ethernet LAN interface; 1 x 10/100/1000Mbps Ethernet WAN interface and 1 x 10/100Mbps Ethernet out-of-band management interface. The 5300 supports up to 25 Mbps of video, voice, or data traffic.

Designed for demanding environments, the 6400 series is a dual, redundant AC or DC power system offering 1 x 10/100/1000Mbps Ethernet LAN interface; 1 x 10/100/1000 Ethernet WAN interface and 1 x 10/100Mbps Ethernet out-of-band management interface. The 6400 is offered in configurations to support an enterprise edge or a service provider edge and supports up to 85 Mbps of video, voice, or data traffic.

The V²IU family of products enables you to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.



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