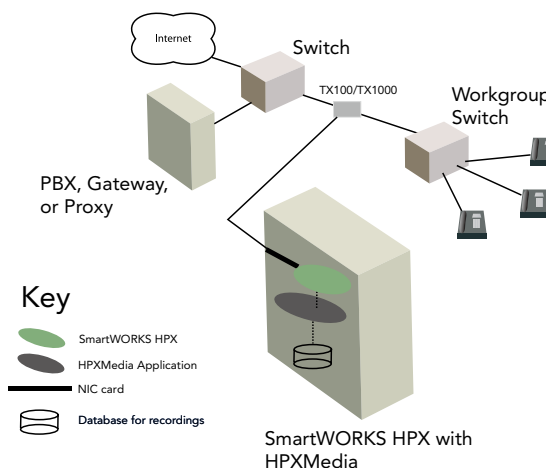# SMARTWORKS™ HPX

Standard Features for SmartWORKS™ HPX

- Eliminates need for hardware
- Multiple PBX/Protocol Support
- Runs without a PCI slot
- Flexible Event Triggering
- RTP Forwarding
- Watchdog
- Packet Filtering
- Packet Capture
- Target Recording
- RTP timeout & RTCP Qos

Since 1991, Ai-Logix has designed boards used in interactive and passive telephony applications. With global support for all types of telephone and radio systems - analog, digital, and enterprise PBXs, Ai-Logix products have set a new world standard in telephony communications. A single API, combined with event driven reporting simplifies application development by providing one standard for all types of networks.

SmartWORKS™ HPX is an essential component of your call recording solution that provides packet filtering and media forwarding for IP-PBXs. The HPX is designed to service low to medium density solutions and is capable of monitoring and forwarding 480 concurrently active calls. When combined with the HPXMedia, the HPX provides complete event triggering, call state reporting and media processing for many of the industry leading IP-PBXs.

Key

- SmartWORKS HPX
- HPXMedia Application
- NIC card
- Database for recordings

SmartWORKS HPX with HPXMedia

Key Features and Benefits

Tapping Environment

The HPX is the first software only SmartWORKS™ blade. The host computer's NIC card can be connected directly to an available mirror port. When used in conjunction with a TX100/TX1000, it can be connected passively anywhere within the IP-PBX configuration.

Session Management

The HPX includes a Session Manager for tracking calls and media sessions on the IP network. Each media session is treated independently with a unique session ID. Your application can easily manage call forwarding with the session IDs provided by the HPX software using the SmartWORKS™ API.

Station Management

Automatically locates all VoIP stations on the network and assigns a unique ID to each endpoint. HPX dynamically identifies phones as they are added to the network and reports when they are removed.

RTP Timeout & RTCP QoS

HPX detect the RTP timeout, when exceed the time set in the SmartControl, the HPX regard this call is already ended and report the "EVT_MEDIA_SESSION_STOPPED" to user application. This feature can avoid the recording problem due to lost packets.

Product features

- Uses SmartWORKS™ API
- Supports 10/100/1000 network interfaces
- Decodes proprietary VoIP signaling as well as standard SIP and H.323
- Scalable - 1 to N Sessions support per server. 480 session support tested and certified. HPX performance limited by Server capabilities and Network bandwidth. It may be possible to exceed 480 sessions

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HARDWARE SYSTEM REQUIREMENTS

Dual Core 1.6 GHz CPU , 1 Gig RAM or better for 100 conversations

OPERATING SYSTEMS

Windows2000 Professional/Server

WindowsXP Professional (SP3)

Windows2003 server (32-bit/64-bit)

Windows2008 server (32-bit/64-bit)

Widnows7 (32-bit/64-bit)

Windows8 server

VOIP PROTOCOLS

Cisco Call Manager (Skinny)

Avaya Office Manager (H.323) , IP Office

Ericsson (H.323)

Nortel (Unistem/SIP)

SIP (Station Side/ Trunk Side)

H.323 (Station Side/ Trunk Side)

Alcatel OmniPCX 4400

Siemens Hi-Path 4000

Intertel CS-5200

NEC NEAX 2400

ShoreTel (VOX only)

Alcatel OXE

Panasonic TDE/NCP

Astra NexSpan XS

LG iPECS

NEC SV8X00

Others: Contact Ai-Logix Sales.

RTP FORWARDING

Certified for forwarding 480 full duplex media sessions

APPLICATION PERFORMANCE

Capacity to monitor from 1 to N active VoIP endpoints limited by license. Certified for 480 Monitoring and Forwarding HPX performance limited by Server capabilities and Network bandwidth. It may be possible to exceed 480 sessions

MODELS AVAILABLE

SmartWORKS™ HPX

SmartWORKS™ HPXMedia

TX100/TX1000