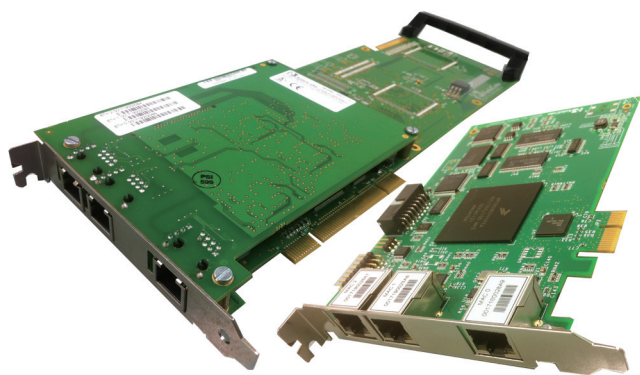
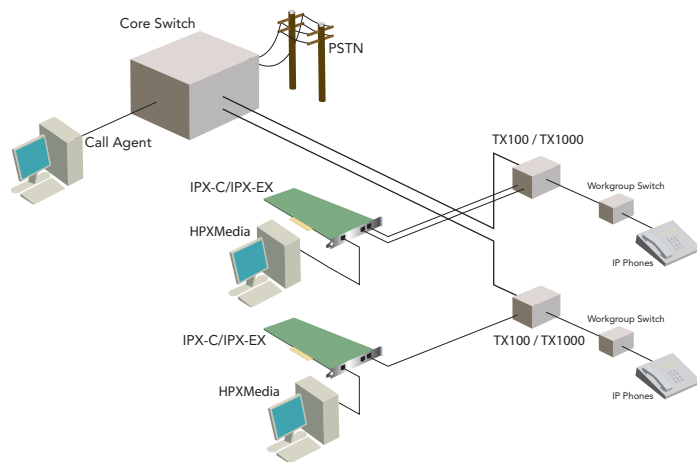


Ai-Logix Enabling Technology Products

SmartWORKS™ IPX Call Recording for IP-PBXs



- Multiple PBX Support
- Multiple Protocol Support
- Mirror Port Independent
- Flexible Event Triggering
- RTP Forwarding
- RTP timeout & RTCP Qos



IPX Application Model

The **SmartWORKS™ IPX** is an essential component of your call recording solution that provides complete event triggering, call state reporting and media forwarding for many of the industry leading IP-PBXs. The IPX is capable of monitoring up to 480 concurrently active calls and is available in PCI or PCIe form factors. Supporting multiple protocols, it has 2 on-board connections for monitoring upstream and downstream traffic and 1 on-board connection for the forwarding of up to 480 full-duplex sessions.

TAP ENVIRONMENT

The IPX is designed for IP call recording applications capable of monitoring a large number of VoIP endpoints and forwarding a total of 480 full-duplex or 960 half-duplex streams.

SESSION MANAGEMENT

The IPX 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 IPX.

STATION MANAGEMENT

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

RTP TIMEOUT & RTCP QoS

IPX detect the RTP timeout, when exceed the time set in the SmartControl, the IPX 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.

MULTIPLE PBX SUPPORT

The same hardware supports multiple protocols including Skinny and Avaya and is designed to accommodate future protocols such as SIP and H.323 with just a software upgrade.

SMARTWORKS™ IPX FEATURES:

- Universal PCI & PCI Express
- Two 10/100 BT ports for non-intrusive monitoring
- Target Recording
- One 10/100 BaseT active NIC
- Forwards VoIP RTP sessions to one or more network devices
- Processes all VoIP call and terminal control signaling
- Field upgradeable
- Low to high density - call capacity up to 480 stations
- RTP timeout & RTCP Qos

Ai-Logix Enabling Technology Products

SmartWORKS™ IPX

SPECIFICATIONS

System Requirements	IPX-C	IPX-EX
Hardware Requirements	P4 CPU at 850Mhz or better PCI 2.3 compliant Bus Speed: 33 or 66Mhz Bus Mode: 32bits	P4 CPU at 850Mhz or better PCI-E1.1/x1,x4, x8, x16 and Gen 2.0 PCI Express slots
Operating Systems	Windows2000 Professional/Server, WindowsXP Professional (SP3), Windows2003server (32-bit/64-bit), Windows2008 server (32-bit/64-bit), Widnows7 (32-bit/64-bit), Windows2012 Server (Call for variant details)	
Technical Specifications	Max 8 blades per system	
Environmental Conditions	Operating Temperature: 0°C to +50°C Storage Temperature: -20°C to +85°C Storage Humidity: 8% to 80% non-condensing	
Product Specs and Info	IPX-C	IPX-EX
Physical Characteristics	Form Factor: Full Length, Full Height Host interface: PICMG 2.3 Ethernet Interface: 802.3 10/100Base-T: 3xRJ45	Form Factor: ½ size (5.5"L), Full Height Host interface: PICMG 2.3 Ethernet Interface: 802.3 10/100Base-T: 3xRJ45
Protocols	Cisco Call Manager (Skinny), Cisco Call Manager Express, SIP (Station & Trunk Side), H.323 (Station & Trunk Side), Avaya Office Manager (H.323), IP Office, Ericsson (H.323), Mitel 5000, Nortel Unistern, Alcatel OmniPCX 4400, Siemens Hi-Path 4000, Intertel CS-5200, NEAX 2400, and more...	
RTP Forwarding Capacity	960 RTP streams (480 full-duplex conversations)	
MTBF	854,137 hours	876,903 hours

Power Requirements	IPX-C	IPX-EX
3.3V	2A	2A
+5V	15mA	15mA

Certifications	IPX-C	IPX-EX
Safety	EN60950 IEC60950 (third edition) UL60950 · CAN · CSA-C22.2 No 60950-00 (third edition)	
Emissions	EN55022 47 CFR FCC part 15 EN55024	

Order Information	
IPX-C Card 30 Lic	910-0331-007
IPX-EX Card 30 Lic	910-0705-001
IPX 10 Lic	910-0905-001

ABOUT AI-LOGIX

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.

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