



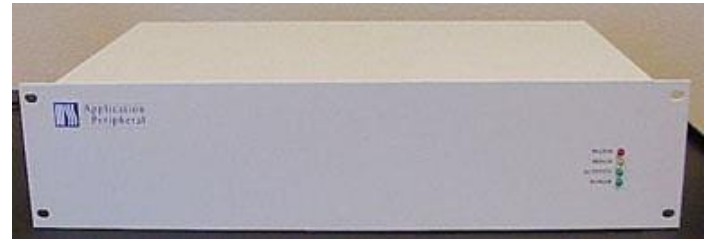
## *The Most Widely Deployed Platform in the Independent Telco Market.*

The Application Peripheral (AP) is designed to accommodate today's requirements and future services in the telecom industry. Over 750 APs are in service across the United States, Canada, and the Caribbean.

Companies use the AP to help them reduce business expense by implementing services such as Calling Name Database, Network Announcements, and Wake Up PLUS. Companies also use the AP to generate revenue with services such as Voice Mail, Conference Calling, Find Me, Terminating Call Manager, Calling Card/Prepay Services and many other advanced services.

The AP's multifunction hardware platform makes it easy to implement features as they are developed and as your market demands. Simply stated, "One Platform... Multiple Services".

An AP System consists of a pair of units which provide the necessary redundancy for telecommunication applications. The AP implements a Service Control Point (SCP) in the SS7 network, and meets North America PSTN industry standards for operations and reliability. A single PC running Application Peripheral Administration Center (APAC) software is used to administer, monitor and maintain the AP System.



### **The AP System Offers:**

#### **Cost Effective Solution**

Scalable to accommodate hundreds or thousands of access lines

#### **Highly Reliable System**

Field-proven platform (over 750 systems in service)

#### **Small Footprint & Low Power Demands**

- Rack-mountable 2 unit device measuring 9" by 19" by 10" deep
- Power drawn: approximately 1 amp from dual power feeds

#### **Revenue Producing Capabilities**

- Service Control Point (SCP AIN 0.1)
- Service Node (SN)
- Intelligent Peripheral (IP using ISUP Trunks)
- Advanced Intelligent Networking (AIN) Services
- Calling Name Database
- Announcement System
- Voice Mail
- Conferencing System
- Many More...

#### **2 Year Warranty**

#### **24-Hour Technical Support**

#### **Online User Documentation**

### **The AP System (Rev 3.0) Includes:**

#### **Eight DS-1 Communication Channels**

Providing up to 192 channels

#### **Four RS-449, V.35 or DS-0 (on DS-1) SS7 ports**

Providing standard communication protocol for telecommunication applications

#### **Eight RS-232 Channels**

Used for SMDI, maintenance reporting, control and Operational Measurement (OM&P) reporting

#### **Twelve Ethernet Channels**

Two Ethernet Channels per unit are used for inter-unit communication providing extremely high reliability (redundancy).

Other Ethernet Channels can be used for a high-speed interface to WAN for monitoring and control, and web-based services.

## Announcements

The Announcement System on the Application Peripheral™ is effective, flexible and affordable. Integrated with the AP's Advanced Services, it provides seamless delivery of services and unmatched voice-prompting capability.

### The Announcement Types Supported Include:

- CLASS
- Standard
- Advanced Intelligent Network (AIN)
- Automatic Number
- Changed Number
- Customized Announcements, including TTY

The AP supports up to 192 channels of announcements on all major switch types including: CopperCom, Lucent, MetaSwitch, Nortel, Siemens, and Tekelec.

Announcements can easily be modified and extended to meet the changing needs of your network. Because the announcements are digitally recorded and supplied as fragments, you can modify the supplied announcements, or build your own announcements by using the Announcement Builder and Fragment Editor. The announcement system will also allow you to import your own .wav files.

Distinguish your company by adding your company name to the beginning of announcements; by adding a network identifier, such as the NPA/NXX to the end of announcements for trouble call diagnosis; and by including a promotional message with the Date and Time Service.

## Redundant System

The Application Peripheral System contains two units that operate in a redundant manner. Therefore, if one unit should fail, the second unit takes over the processing load. That means, that even if you do have issues with your system, your customers should not be affected.

## Outstanding System Reliability

The Application Peripheral tracking database contains 1,346 units. The database covers the number of units in-service from July 29, 1996 to December 31, 2006.

The Mean Time Between Failure hours are shown below for years 1998 thru 2006. A total of 656,127 hours equates to a MTBF of **74.90** years.



## Meeting ISO 9001:2008 Certification Standards

In January 2010, Innovative Systems was certified for meeting the ISO 9001:2008 standards of quality management as a result of a recent Assessment Report Evaluation. According to the report, Innovative Systems is meeting their established quality objectives and the recent customer satisfaction survey indicates that they have improved their already excellent satisfaction ratings. ISO 9001 provides a framework for quality management throughout the processes of producing and delivering products and services for the customer. More than half a million organizations in over 149 countries are implementing these standards.

