



# PNT

## Product Data Sheet

IEC, Inc.

[www.iec-sw.com](http://www.iec-sw.com)

+1-508-485-1103

**PNT is a bulk call generator. It generates TDM calls with Intel cards or SIP calls with an internal SIP stack. It is driven by a simple XML file that specifies the call scenario. Its reliability has been proven in tests lasting up to 6 months. PNT comes with a set of utilities that allow for audio monitoring, database operations, etc ...**

### Features:

- Control by an XML file with 37 Commands to specify elements of call handling.
- Facilities to measure timing in various points in the call flow and provide distribution charts.
- Companion utilities for advanced operations.
- Ability to independently control groups of channels.
- Includes www server for remote test control/monitoring.
- Ability to script call flow error handling, unexpected hang-ups and error conditions.
- Supports parallel operations during the call.
- Allows for message exchange among the channels for synchronization and joint operations.

### Command Set:

- Basic Telephony—Make Call, Accept Call.
- Media—Play/Record a file, Play/Collect DTMF.
- Flow control—Declare/Manipulate variables.
- Messaging—Send/Receive/Wait for a message.
- Parallel execution—Create/Terminate a thread.
- Database access—Execute a stored procedure using ODBC interface.
- Synchronization—wait for other channels to hit a point in the call flow.
- Timing measurement—Start/Stop a timer.
- Fax—Send/Receive a fax.
- Conferencing—Start/Stop a conference, Add/Remove parties.

### Licensing:

- Individual license for a host.
- License manager with floating licenses.

### OS Availability:

- Windows (2000-XP-2003).
- Linux : RedHat ES 3.  
RedHat ES 4.

### Media and Codecs:

- G.711  $\mu$ -Law.
- G.711 A-Law.
- G.729A.
- G.723.1.
- GSM 6.10.
- RFC 2833 (DTMF).
- Media formats supported by Intel cards.

### Capacity:

- Up to 1500 channels using Intel cards.
- Using internal SIP stack:  
G711—300 sessions  
G729—100 sessions

### Utilities:

- Audio Call Monitor.
- Database Gateway.
- Remote Status Monitor.
- Producer/Consumer of the external streams.

### Management and Monitoring:

- Command line interface.
- Proprietary GUI channel status display panel.
- WWW based GUI using internal www server.