



Visual Displays



**Smart p1**  
ECOsystème



Audio PA Systems



Help  
Information  
Points



Ambient Noise Control



Hearing Loops

Onboard Audio & AFILs



Providing high quality  
hardware and software  
technology solutions for  
public address





# Private Branch Exchange

The Smart pi PBX (Private Branch Exchange) is an Audio Over IP gateway.

The Smart pi PBX has additional features including high quality compressed OPUS audio algorithms for use on Wide Area Networks where it is not possible to use linear audio such as Dante.

The Smart pi PBX ties all low bandwidth products together and monitors their connection status, this includes, Help and Information Points, the Smart pi DVA (for integrated Realtime automated messaging) and the Smart pi NAM for Wide Area support or paging from a customer's phone system.

This flexible design allows systems of any complexity and design to be seamlessly integrated using industry stand SIP protocols and networks including the internet and VPN tunnels.

## Features

- Exceptional Audio Quality and Speech Intelligibility
- Modular system to ensure flexible installation options
- Very easy to use and can be configured by anyone via a simple web UI
- Front to back cooling ensuring maximum use of rack space, with embedded web server so no additional computer is required
- LDAP / Active Directory Security Control
- Built in Logic Engine can trigger and process calls from local and remote units via TCP/IP
- Highly reliable, each card manages itself and can be mirrored (N+1). The Nodes use a passive backplane to ensure there is no single point of failure
- Standards Based API using OCA / AES70 for control and integration

## Display Screen Views

Extension	Name	CW	DND	FM/FM	CF	CFB	CFU	Type	Actions
100	SPI-XXX-YYY-ZZZ	✓	□	□	□	□	□	pjsip	[Edit] [Delete]
101	Front Door	✓	□	□	□	□	□	pjsip	[Edit] [Delete]
200	Emergency Help Point	✓	□	□	□	□	□	pjsip	[Edit] [Delete]
500	Realtime Information Point	✓	□	□	□	□	□	pjsip	[Edit] [Delete]
501	Ticket Window	✓	□	□	□	□	□	pjsip	[Edit] [Delete]

Showing 1 to 5 of 5 rows

Ext	Name	Status	Channels
Ext: 100	SPI-XXX-YYY-ZZZ	OFFLINE	Channels: 0
Ext: 200	Emergency Help Point	OFFLINE	Channels: 0
Ext: 500	Realtime Information Point	ONLINE	Channels: 0
Ext: 101	Front Door	OFFLINE	Channels: 0
Ext: 501	Ticket Window	OFFLINE	Channels: 0

### Connectivity

- Smart pi HLP Help and Information Points
- Smart pi NAM (with SIP option)
- Smart pi DVA (with SIP option)
- Most Corporate IP PBX's via SIP or IAX Trunks
- Most VoIP / SIP Providers via SIP or IAX Trunks