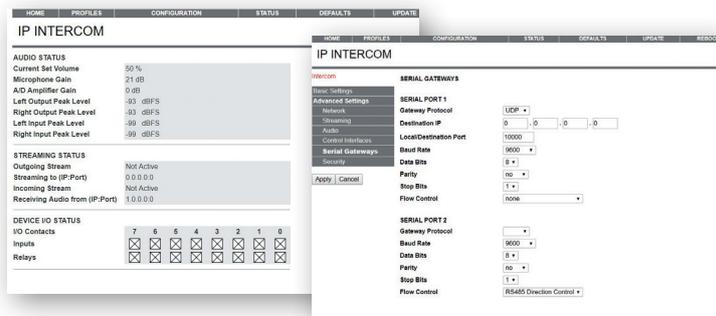# BARIX

- ✚ Add Barix devices to existing or 3rd party PA/ Intercom systems
- ✚ Milestone® server integration for audio surveillance
- ✚ Full-duplex communication
- ✚ Adding new devices like loudspeakers or mics to an existing solution
- ✚ Surveillance and workplace safeguarding

IP Intercom Application
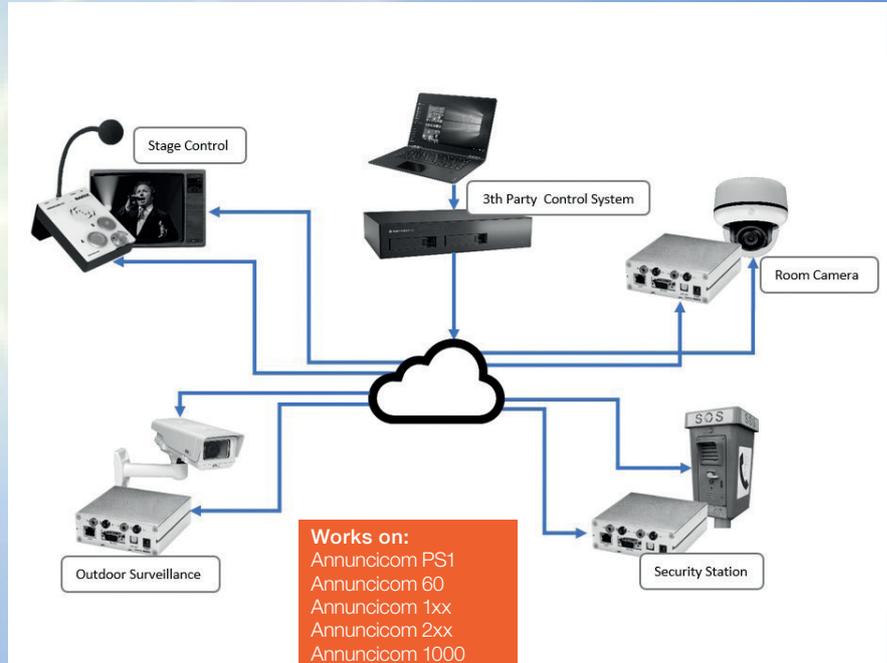
Works with: **milestone**

IP Intercom Application firmware is a flexible and user-friendly tool to quickly expand your audio infrastructure. It offers a full-duplex application for comfortable two-way communications in factories, office buildings or supermarkets. It integrates with Milestone AV server solutions to surveil and safeguard doors and workplaces. The firmware, which includes the Barix ABCL Programming kit, is highly adaptable and programmable to any customer's need and allows an easy integration of Barix devices into 3rd party communication systems. Audio forwarding is achieved on the OS driver layer, which enhances sound quality and lowers latency at startup. RTP and raw-UDP packets are supported to speed up audio streaming and network handling time. All parameters can dynamically be set on a simple command inter-face, or can be configured from an existing platform. Also, the playback of mp3 files from a USB/FLASH file system can easily be managed with this application.

FEATURES:

- ⊕ Destination IP can be unicast, multicast or broadcast
- ⊕ Full duplex communication
- ⊕ audio encoding is: uLaw / 24 kHz,uLaw / 8 kHz (G.711), aLaw / 24 kHz, aLaw / 8 kHz (G.711), PCM / 24 kHz (16bit), PCM / 8 kHz (16bit)
- ⊕ SNMP featured
- ⊕ Audio Echo Cancellation
- ⊕ two serial ports
- ⊕ Streaming destination can be changed dynamically via command interface
- ⊕ TCP/UDP command interface to control the device remotely
- ⊕ Streaming modes "send always", "send on IO/DI1, send level" and "respond"
- ⊕ DNS compatible for name resolution
- ⊕ Flow control can be set to Software or Hardware on RS-232 serial port
- ⊕ Sending syslog messages to remote host

Stage Control

3th Party Control System

Room Camera

Outdoor Surveillance

Security Station

Works on:
Annuncicom PS1
Annuncicom 60
Annuncicom 1xx
Annuncicom 2xx
Annuncicom 1000
Exstreamer 1xx
Exstreamer 200
Exstreamer 500
Exstreamer P5