

Non-Contact Visits System

Jacques 650 Series IP Integrated Communications



"An intercom system for Correctional Institutions and Police Station Watchhouses, where there is a need to separate Visitors and Detainees".

JACQUES NON-CONTACT VISITS SYSTEM - ROBUST AND VANDAL RESISTANT

There is a long established demand for "non-contact visits" solutions for prisons and detention centres. The Jacques IP Non-Contact Visits System (NCV) allows the authorities to manage the conversation between a prisoner and the visitor with the ease of a touchscreen GUI master station.

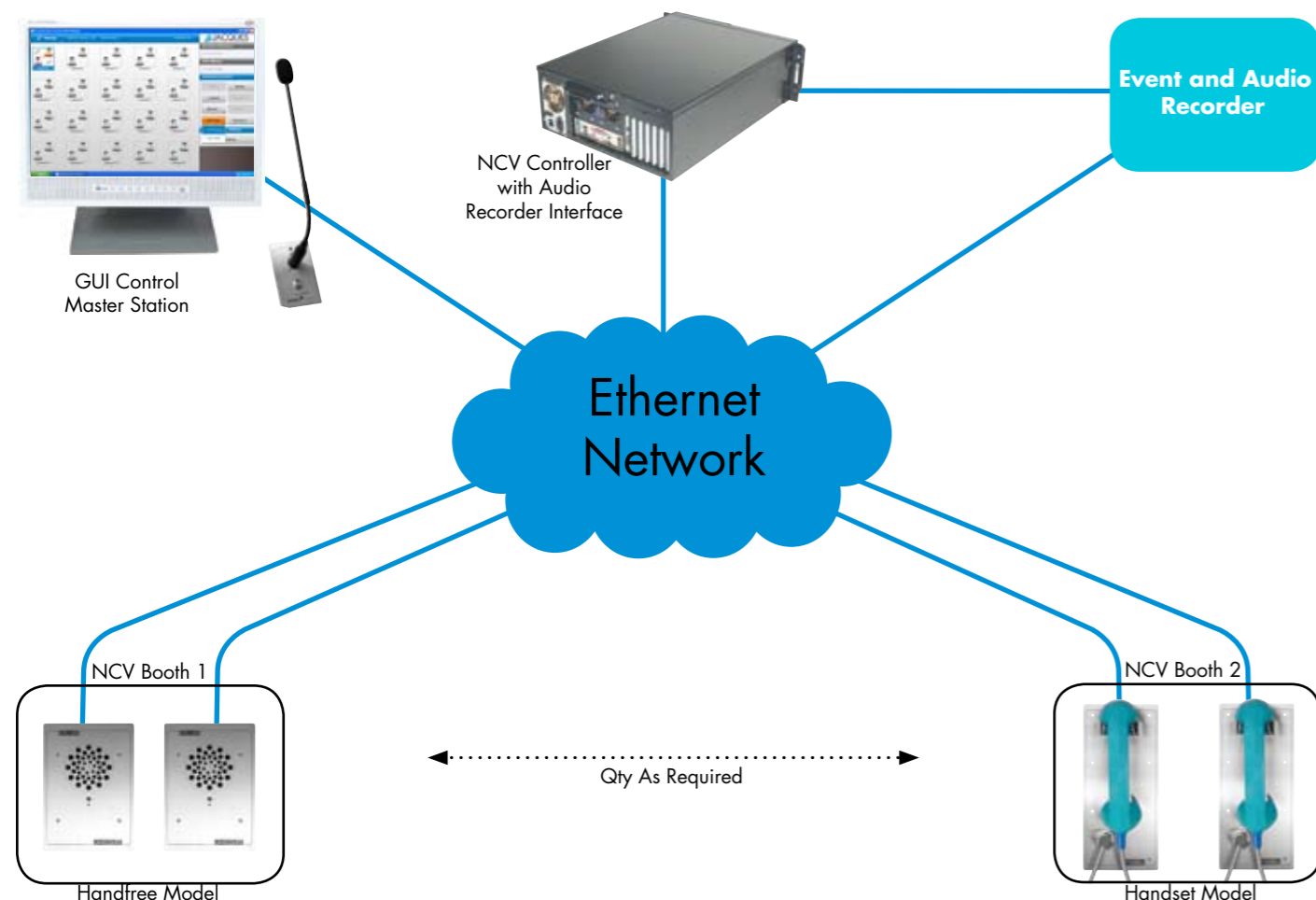
This system employs intercom devices in pairs and the pairs make up a booth. A glass or Perspex barrier is found between the intercom devices to prevent the prisoner and the visitor from having contact. One intercom device is installed on each side of the glass in the booth and the prisoner and the visitor are able to converse using these devices.

The intercom pairs are supervised from a Touchscreen GUI Master Station. The system records all conversations between pair members and between the supervisor and pair members. The conversations are available for instant playback from any master station within the system.

Features

- Based on the proven and reliable Jacques 650 Series IP Communications System
- Intuitive GUI Touchscreen Control
- Vandal resistant intercom panels and/or handsets
- All conversations in the booth are automatically recorded and ready for instant playback

Typical System Drawing



The following actions are performed using the simple, easy to use Touchscreen GUI Master Station

- Enabling a booth or multiple booths
- Disabling a booth or multiple booths
- Connecting the intercom units in a booth or multiple booths
- Disconnecting the intercom units in a booth or multiple booths
- Monitoring the conversation in a booth
- Intruding on the conversation in a booth
- Calling a booth
- Making announcements to a booth or multiple booths

The NCV application is able to run concurrently with the existing Jacques IP intercom application, the existing public address application, and the video intercom application.



Contact us today

Jacques

T: 07 3844 1103
F: 07 3844 1078

268 Montague Road, West End, Queensland, Australia, 4101
PO Box 3542, South Brisbane BC, Queensland, Australia, 4101

Sales enquiries: sales@jacques.com.au

www.jacques.com.au

Jacques Electronic Pty Ltd

www.jacques.com.au • info@jacques.com.au

268 Montague Rd, West End QLD 4101 • P: (617) 3844 1103 • F: (617) 3844 1078

SPECIFICATIONS

System Capacity

Stored Announcements	Unlimited*
Auxiliary channels	16
Groups	Unlimited*
Public Address Zones	Unlimited*

Audio Characteristics

Frequency Response	200 Hz – 7 kHz +/- 3 dB
Transmission Format	Real-time Transport Protocol (RTP) streaming
Digital audio format – Voice	A-law compressed PCM 16 kHz sampling rate
Audio Streaming Bandwidth	128kbps one way

Network

Addressing	TCP/IP IPV4, static or dynamic (DHCP)
Interface Media	IEEE 802.3 10/100Mbps Ethernet
Standards	<ul style="list-style-type: none">• IEEE802.1P LAN Layer 2 prioritisation.• RTP - Real-time Transport Protocol (RFC3550/3551)• DTMF - RTP payload for DTMF digits (RFC2833)• Diffserv - Differentiated Services (RFC2474/2475)• SNMP - Simple Network Management Protocol v2 (RFC1901)• IGMPv2 - Internet Group Management Protocol v2 (RFC2236)• DHCP - Dynamic Host Configuration Protocol (RFC1531)• IEEE802.1Q Virtual LAN• TOS - IPV4 Type of Service (RFC791)• Multicast - IP Multicasting (RFC1112)• NTP - Network Time Protocol (RFC1305)

Cabling

Power Input / Ethernet	4 pair screened CAT-5/5e/6, multi-strand
Max. cable length to intercom station	100m (Jacques Cable Extender Module JCE-8B1 can provide extended distances up to two kilometres)

System Components

Jacques AEC controllers run embedded Linux and are optioned for Redhat enterprise Linux certified third party hardware vendors.

AEC-24	Acoustic Echo Cancellation Controller
PCC-650MTS	Master station for Microsoft Windows, touchscreen option.
VSL-350	Panel Slave Station without call button
VSL-341H	Handset Slave Station
TRI-XX	Digital Voice Logger

Optional Software Components

Voice Annunciator	Digital message store with playback and recording of announcements.
Audio Streaming server	Up to 16 channels of auxiliary audio in MP3 format from live or pre-encoded sources.
Event Controller	Configurable interfaces to third party systems, Modbus/TCP, relay outputs or RS232/RS485.

