650 SERIES IP COMMUNICATION SYSTEM SOFTWARE RELEASE

The Jacques 650 series IP Communication System software suite April 2018 release consists of following software modules:

- JELinux
- Jacques Call Control Protocol (JCCP) Server
- Jacques 650 User Interface (J650UI)
- JEM-2 intercom firmware
- JEM-3 intercom firmware
- Digital Audio Recorder (DAR)
- Report Server
- Voice Annunciator
- Event Controller
- SIPPROXY
- Jacques Announcement Scheduler

This major software release C3 includes many updates, including:

- Introduced "Compute Answering Tag" feature to the answering tag of the bridge call on the Total Recall Recorder.
- Normalisation audio level correction for calls between JEM2 and JEM3 devices.
- Verified virtual Total Recall Recorder with Jacques 650 series system.
- Improved JAS software to read database if the mysql password is changed.
- Improved DAR software to eliminate time delay of 24/7 monitoring. Also, maintain stable connecting speed when reconnecting 24/7 monitor call.
- Enhanced PA audio quality for large installations.
- Various bug fixes and features

The following sections of this document describes detailed list of features and improvements to Jacques 650 series IP communication system software modules since the last release.

JELINUX VERSION 7.94

JELinux software module is the operating system at the core of the Jacques IP communications system. This section details the new feature and improvements added to JELinux software package since the release of V7.93

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1854	Improves user experiences with the inclusion of Favicon in JEbackup WebConfig.	webconfig.jrp

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1924	Successfully allows fully functional logging feature for single partition USB, previously only supported for multi-partition USB	webconfig.jrp

JCCPSERVER VERSION 7.94

The Jacques Call Control Protocol (JCCP) software module is specifically designed for initiating and terminating calls between Jacques intercoms. This section details the new feature and improvements added to JCCPSERVER software package since the release of V7.93.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1412	Improved performance of storing the data using new "eventlog-delete-limit" feature	jccpserver.jrp

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1807	Successfully triggers different events pressing dtmf buttons 1 and 7, previously intertwined	jccpserver.jrp
1850	SNMP now gets registered successfully on a new install, previously unselected by default	jccpserver.jrp
1941	Fixed scenario where jccpserver fails to compute a record output when call includes a bridge and the member of the bridge is configured for record-output=-1	jccpserver.jrp

JEM-2 VERSION 7.94

JEM-2 software package has been designed for intercoms belonging to Jacques Audio Intercom system, Help Point unit system and public ajddress system. This section details the improvements added to the JEM-2 software version since the release of version V7.93.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1871	Enhanced PA audio quality for large installations by suppressing RTCP receiver reports to multicast group.	j2m794-0.bin

JEM-3 VERSION 7.94

JEM-3 software package has been designed for intercoms belonging to Jacques Video Intercom system. This section details improvement added to JEM-3 software since the release of version V7.93.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1570	Correctly displays snapshots for missed calls on VES entrance station	jccpserver, j650slave

DAR VERSION 7.94

Digital Audio Recorder (DAR) software module acts as a digital processor to perform audio echo cancellation, sip recording, analog recording and threshold monitoring, covert monitoring and background music streaming. This section details the new feature and improvements added to DAR software since the release of version V7.93.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1775	Introduced 'Compute Answering Tag' feature. Enabling this feature will show the answering tag of the bridge on the Total Recall Recorder.	dar.jrp

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1756	Fixed audio loss in call after monitor call is disconnected	dar.jrp, j2m794-0.bin
1815	Correctly displays default Normalisation values for a new install as 12 and -12, previously 6 and -6	dar.jrp
1825	Eliminates delay time of 24/7 monitor audio to <1 second after long period monitoring, previously lagged for a noticeable period of time	jevent.uai_monitor.ini, dar.jrp
1826	Maintains stable connecting speed after reconnecting 24/7 monitor call, previously slowed down	dar.jrp

KNOWN ISSUES

1. Enabling 'Compute Answering Tag' feature mentioned in REF#1775 will cause no audio when the master station monitors slave. This issue is scheduled to be fix in next release.

JAS VERSION 7.94

Jacques Announcement Scheduler (JAS) software module is a public address and bell scheduling interface that runs on the Jacques system controller. This section details new features and improvements added to JAS software since the release of version V7.93.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1700	Allows JAS to access jasDB after setting the new mysql root password, previously unable to read or write	jas.jrp
2000	Fixed Schedule reloading via CRON command	jas.jrp

SIPPROXY VERSION 7.94

Session Initiation Protocol (SIP) is a signalling or communications protocol that can establish, modify, and terminate multimedia sessions/calls or conferences such as Internet telephony calls. SIP is normally implemented over standard TCP/IP networks.

This section details new features and improvements added to SIPPROXY software since the last release version V7.93

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1777	Fixed incorrect caller ID on SIP Client during call	sipproxy.jrp

NOTE

J650UI V8.21, Event controller V7.94, Voice Annunciator (VANN) V7.94 and Report server V7.94 software packages of 650 series IP Communication System does not include any updates since its last release C2.

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