650 SERIES IP COMMUNICATION SYSTEM SOFTWARE RELEASE

The Jacques 650 series IP Communication System software suite JANUARY 2020 release consists of the 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 (VANN)
- Event Controller (JEVNT)
- SIPPROXY
- Jacques Announcement Scheduler (JAS)

This software release cycle C6 has significant new features and improvements, including:

- Support SMTP protocol for sending reports via email
- SNMP v3 support
- Improvements for JEM-2 filesystem integrity
- Rectify rare jccpserver race condition which could cause an increased number of resets on effected intercoms. Mostly observed on large installations
- Increased success rate of JEM3 firmware upgrade
- Various bug fixes and improvements

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

JELINUX VERSION 7.97

JELinux software module is the operating system at the core of the Jacques IP communications system. This section details the improvements added to JELinux software package since the release of V7.96.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
3103	Broadcast mode can be used in a UCARP system	ucarp_actual
3261	Custom files are now correctly deleted from 64bit systems	core.jrp, production.jrp

To use broadcast rather than multicast messages for a UCARP system, please contact Jacques support for the updated ucarp_actual file

To upgrade JEM2 devices on a UCARP system with intercoms on multiple subnets (REF#1515), please refer to ECN-151 rev1.1

JCCPSERVER VERSION 7.97

The Jacques Call Control Protocol (JCCP) software module is specifically designed for initiating and terminating calls between Jacques intercoms. This section details new features and improvements added to JCCPSERVER software package since the release of V7.96.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
771	SNMP V3 Support. Refer JCN-0378	snmp.jrp, jccpserver.jrp, tools.jrp

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1942	Rectify rare jccpserver race condition which could cause an increased number of resets on effected intercoms. Most commonly observed on large installations.	jccpserver.jrp
2485	ELI-3B1 can now forward calls from JEM3 monitor to JEM2 devices	jccpserver.jrp
2493	ELI-3B1 will disconnect calls if telephone caller hangs up too early	jccpserver.jrp
2553	Remoting a cproxy of a remoted J650UI will no longer crash JCCPServer	jccpserver.jrp
2893	VSA-76K no longer an alias of VES-75K and has its own model in jccpmod.ini	jccpserver.jrp
2922	JCCPServer service now shuts down immediately when failing over resources in UCARP system	jccpserver.jrp
2958	SCS-150+ default tones changed to PA tones	Jccpserver.jrp
3151	Improvements to tag_device_pool table	jccpserver.jrp

It is mandatory to install redis.jrp on a new V7.97 64-bit system or when upgrading jccpserver to V7.97. Failing to do so will cause jccpserver to enter zombie mode causing whole system to be down. For more information, refer ECN-152.

When upgrading jccpserver V7.92 or below to V7.96 or V7.97, it is mandatory to install tool.jrp and redis.jrp (on 64bit systems).

JEM-2 VERSION 7.97

JEM-2 software package has been designed for intercoms belonging to Jacques Audio Intercom system, Help Point unit system and public address system. This section details improvements added to the JEM-2 software version since the release of version V7.96.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
2136, 3319	Improved JEM-2 filesystem integrity	j2m797-0.bin
3391	Application protection has been added to serial flash library	j2m797-0.bin
3518	Prevent jem2 bin files to corrupt during firmware upgrade	j2m797-0.bin

JEM-3 VERSION 7.97

JEM-3 software package has been designed for intercoms belonging to Jacques Video Intercom system. This section details new features and improvements added to JEM-3 software since the release of version V7.96.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1923	Increased success rate of JEM3 firmware upgrades	jem3rf2files-7.97.jrp
3058	Issue from ECN-158 regarding no JEM3 audio on JCCPServer upgrade has been fixed	jem3rf2files-7.97.jrp, jccpserver.jrp

REPORT SERVER VERSION 7.97

Report Server software module is used to keep track of all events that occur on the Jacques system controller. This section details the list of features added to Report Server since the release of version V7.96.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
2287	Support SMTP settings for sending reports via email. Refer JED- 0471	reportserver.jrp

J650UI VERSION 8.24

The Jacques J650UI is a graphical interface designed to run on 32bit and 64bit Windows platforms. It may be used to instigate and receive calls from all devices in the system and displays maps and icons, representing intercoms deployed on site. Alarms, NCV, Cell to Cell, and Conference calling capabilities are also possible. This section details improvements added to J650UI software since the last release version V8.23.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
2818	Multiple users on the same PC can now use J650UI application.	j650ui-media-setup application
3157	Support for configurable "Current Call Actions" panel in map and grid page	j650ui -media-setup application

When upgrading the map picture for J650UI, please refer to ECN-159

NOTE

Digital Audio Recorder (DAR) V7.97, Voice Annunciator (VANN) V7.97, Sipproxy V7.97, JAS V7.97 software packages of 650 series IP Communication System do not include any updates since release cycle 5.

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