

650 SERIES IP COMMUNICATION SYSTEM SOFTWARE RELEASE

The Jacques 650 series IP Communication System software suite October 2017 release consists of following software modules:

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

This major software release C2 includes many updates and new features, including:

- Improved application logging and event reporting
- JAS reports feature to generate reports on scheduled announcements/calls
- Improved backup and restore functionality for associated database and audio files
- Conference call up to five participants via Jacques PC Master J650UI
- Improved NCV booth handling
- Support for Jacques SNMP alarms
- Support for software RAID1 on JSC-5L system controller
- Various big 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 last release.

JELINUX VERSION 7.93

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 V7.92

NEW FEATURES

REF#	DETAIL
1555	Support for archiving backups on the server and restoring them. Refer JCN-0204 and JCN-0208

IMPROVEMENTS

REF#	DETAIL
1447	Improved NTP time sync using windows domain server
1577	Improved handling of ARP table using customservice feature

JCCPSERVER VERSION 7.93

NEW FEATURES

REF#	DETAIL
643	Support for new protocol isyncalaw
771	Support for SNMP alarms
1412	Improved performance of logging and reporting. Refer JCN-0371
1562	Support for conference call feature. Refer JED-0423
1751	Support for conference call recording

IMPROVEMENTS

REF#	DETAIL
1012	All Jacques standard products have now been included in jccpmodl.ini
1745	Fixed monitoring of conference calls feature
1473	Improved application logging at all.7 using jelogrotate.jrp. Refer JCN-0371
1612	"divert-to-root" and "unremote=grab-ringing-calls-from-parent" work for bridge call

NOTE: Upgrading jccpserver to V7.93 will require tool.jrp V7.93.

J650UI VERSION 8.20

NEW FEATURES

REF#	DETAIL
1576	Conference call support and change in NCV config. Please refer ECN-146

IMPROVEMENTS

REF#	DETAIL
1231	Fixed tag name cut off when using call booth Call Party, Monitor or Intrude Party buttons
1262	Improved handling of JAS application within J650UI
1319	Implemented new Kernal driver for Intel 6 th generation Mini PC
1383	Improved reliability of Windows 10 when cell to cell is enabled
1656	Reduction in memory used by J650UI configured for callbooths

IMPACT OF UPGRADING J650UI V8.20

1. Upgrading J650UI to V8.20 on NCV system will require jccpserver V7.93, tools V7.93 and additional configuration in database. Please refer ECN-146 for more information.

JEM-2 VERSION 7.93

IMPROVEMENTS

REF#	DETAIL
210	Fixed audio loss in a call after monitor call is disconnected
1347	Fixed audio loss in a monitor call after call disconnect
1414	JEM2 device produce ATSM click on request-originate
1429	Monitor call does not lose audio when mic test is performed
1550	Fixed popping noise when performing PA call
1556	Fixed threshold alarm trigger failure after first call
1646	Reduced JEM-2 firmware size to prevent overwriting of tones

JEM-3 VERSION 7.93

IMPROVEMENTS

REF#	DETAIL
317	Improved 'networkcheck' service for jem3 device
809	Network check now handles multicast route correctly
1389	Introduced adjustable bitrate feature to prevent pixilation issues on VES devices. Refer ECN-139

DAR VERSION 7.93

NEW FEATURES

REF#	DETAIL
1744	Support for conference call

IMPROVEMENTS

REF#	DETAIL
1501, 1534, 1547, 1701	Improved quality of TRVR recordings. Refer JCN-0334
1685	DAR normalisation for calls between JEM-2 and JEM3 devices. Refer ECN-148
1696	DAR to trigger am-threshold=0

EVENT CONTROLLER VERSION 7.93

Jacques Event Controller software provides simplified interfaces for the integration of external systems and products into the IP communications system. This section details new features and improvements added to Event Controller software since the release of version V7.93

IMPROVEMENTS

REF#	DETAIL
1457	Event controller IAV function now display "fakename"
1465	Enhanced relay operations during VANN announcement
1579	Massive reduction of CPU usage by Event controller when viewmarq LED displays are configured
1636	Improvement in handling output replay trigger during the call progress

REPORT SERVER VERSION 7.93

NEW FEATURES

REF#	DETAIL
771	Support for SNMP alarms
1566	Support report server logging for conference call events

JAS VERSION 7.93

Jacques Announcement Scheduler (JAS) software module is a public address and bell scheduling interface that run on the Jacques system controller. This section details new features and improvements added to JAS software since the release of version V7.92

NEW FEATURES

REF#	DETAIL
1419	Introduces JAS reporting. Refer JED-0368
1542	JAS now gives an error message if it detects a clash between scheduled calls/announcements

IMPROVEMENTS

REF#	DETAIL
590	Introduced an easy means of backing up and restoring schedules and associated databases and audio files. Refer JED-0370
1472	Improved JAS overnight reloading of schedules
1572	JAS can now play two announcements to two different endpoints at the same time

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