

# JED-0529

## RELEASE NOTES C11

### JULY 2023

## 650 SERIES IP COMMUNICATION SYSTEM

### SOFTWARE RELEASE CYCLE 11

The Jacques 650 series IP Communication System software suite JULY 2023 release affects the following software modules:

- JELinux
- Jacques Call Control Protocol (JCCP) Server
- Digital Audio Recorder (DAR)
- Event Controller
- SIPPROXY
- J650UI
- Intercom Report Server (IRS)
- Jacques Announcement Scheduler (JAS)
- Roles and Permissions
- Mass Notification System (MNS)

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.

Major features include:

- OPC-UA Support
- ASCII network port communication
- Extensive iptables rules for added security
- RAID1 support
- MySQL scripting
- Bulk upload of configuration data
- Alarm report type

### JELINUX

JELinux is the operating system used on Jacques 650 series intercom controllers and servers. This section lists the new features and improvements made to JELinux packages since the previous release.

### NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5835	Redis password entry added to JCCPServer page of webcfg. Refer to JED-0505 rev1.7 section 7.9.3	webapps-webcfg, jccpserver
6623	Extensive iptables rules have been added, reducing vulnerabilities. Refer to JED-0526	syscfg
6059	RAID1 support included in V8. Refer to JCN-0377 rev2.0 and JCN-0417	syscfg, initrd, core
162	JEM-2 tones can be installed to server via jrp/rpm package for easy reload of tones. Refer to JCN-0430	jem2support (v8), jemtones (v7)

## IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6553	Additional network interfaces can be added to 'Host & network' page	webapps-webcfg, syscfg
6472	JEM4 swu files can now be uploaded to TFTPd on a TCH-2MXH	webapps-webcfg, syscfg, tftpd-webcfg
6537	Error text can be copied to clipboard on error popups to aid support	webapps-webcfg
6491	Email configuration has been moved to webcfg	webapps-webcfg, webapps-irs
6438, 6346	Improved Synchronise to PC for date & time to work with time zones	webapps-webcfg
6168, 5812	Look and layout of all application pages have been updated to better utilise screen space	webapps-webcfg
6422	Syslog redirection to external server now consistently functions	webapps-webcfg, jelogrotate
4652	Router can now be manually entered into DHCP subnet instead of adding a separate host	webapps-webcfg, dhcpd-webcfg
5069	Warning message added if JEBBackup is too large	webapps-webcfg
6475	DHCP service will correctly function on systems upgraded from earlier versions	syscfg, dhcpd-webcfg
6576	resolv.conf correctly generated when name servers added to 'Host & network' page	syscfg, webapps-webcfg, init-ifupdown
6482	User directories are correctly kept on systems upgraded from earlier versions	syscfg
6540	Additional logging included for high availability systems	syscfg, ucarp-webcfg
6336	Warning message added if attempting to create a JEBBackup schedule with duplicate name	webapps-webcfg
6354	Loading bar added to popup when uploading files to TFTPd	webapps-webcfg, tftpd-webcfg
6493, 6495, 6496	Improvements to JELinux security including removing TLS v1.0 and upgrade JQuery library	syscfg
5133	Monitor DHCP requests will no longer cause network timeouts	syscfg, dhcpd-webcfg
6412	Restart JCCPServer button on JEM3Prog page made consistent with other pages	webapps-webcfg, jem3prog
6425	Typo corrected on mysql replication popup	webapps-webcfg, mysql-webcfg
6535	Internet services will now correctly work if ping is blocked on the network	syscfg, vivi-webcfg

## JCCPSERVER VERSION 8.00.48

The Jacques Call Control Protocol (JCCP) software module is the application that manages intercom endpoints and controls call. This section details new features and improvements added to JCCPSERVER software package since previous release.

## NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
3239, 6642, 6641	MySQL Scripting added to Webcfg frontend, allowing for advanced use. Refer to JCN-0429	webapps-webcfg, mysql-syscfg, mysql-webcfg
6188	Configuration data for several tables can now be uploaded to the server for bulk configuration. Refer to JED-0505 rev1.7 section 8.1.1	webapps-webcfg, mysql-syscfg, mysql-webcfg

## IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6631	Warning alert added to restart JCCPServer when adding new device to Device Management	jccpserver
6389	Warning alert added to restart JCCPServer when changing device configuration in Device Management	jccpserver
6397	Improved device settings for VES in Device Management	jccpserver
6396	Improved device settings for VMS in Device Management	jccpserver
6398	Improved device settings for VSL in Device Management	jccpserver
6392, 6390	Improved device settings for IPM in Device Management	jccpserver
3607	SCS-150+ device default volume levels changed and added background music support	jccpserver
6532	Device settings in Device Management will no longer convert seconds to milliseconds	jccpserver

## JCCPSERVER VERSION 7.97.66

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
3246	VES will correctly time out after it receives open door event if hli-option-hang-up-after-access-allowed is enabled	jccpserver (v7)

## DAR VERSION 8.00.39

Digital Audio Recorder (DAR) software module acts as a digital processor to perform audio echo cancellation, call recording, threshold alarm monitoring, covert monitoring, and background music streaming. This section lists the new features and improvements made to DAR software since the previous release.

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6701	Files for SIP recording shall no longer be synchronised in a high availability system	dar, syscfg
6700	Files for SIPVPN recording shall no longer be synchronised in a high availability system	dar, sipvpn-dar-server, syscfg
6358	Removed floating pipes from SIP recording page	dar
3053	Logging options correctly added to dar.ini	dar
6257	DAR shall continue to function should a physical sound card fails	dar
6474	CCTV camera footage shall correctly display on VMS devices	dar
6357	dar.sip.ini file can be scrolled when viewed	dar

## DAR VERSION 7.97.66

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6626	DAR shall continue to function if a physical sound card fails	dar (v7)

## EVENT CONTROLLER VERSION 8.05.36

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 previous release.

### NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
4558	ASCII network port communication now available, allowing for TCP port communication with third party devices such as FLIR cameras. Refer to JED-0125 rev6.1	jevent
5725, 6719, 6720	OPC-UA support now available, allowing for the Jacques System Controller to act as an OPC-UA client. Refer to JED-0528 rev1.0	syscfg, jevent

## SIPPROXY VERSION 8.05.30

SIPPROXY is an additional feature that allows calls between Jacques 650 intercoms and SIP phones. This section details the improvements made to SIPPROXY since the previous release.

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6561	Default audio port change can be changed	sipproxy
6530	SIP trunk username field updated to better match standard SIP trunk usernames	sipproxy

## SIPPROXY VERSION 7.97.66

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6461	SIPPROXY shall correctly stop when stopped	sipproxy (v7)

## J650UI VERSION 8.24.36

The Jacques J650UI is a graphical interface designed to run on Windows. 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 the improvements made to J650UI since the previous release.

## NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6074	Users can now draw shapes onto map pages. Refer JED-0431 rev2.0 section 11.11	j650ui

## IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6284	IRS analytic diagrams correctly formatted when viewed in J650UI browser	j650ui

## IRS VERSION 8.06.41

IRS software module is used to keep track of all events that occur on the Jacques system controller. This section details improvements added to IRS since the previous release.

## NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5878	New report type Alarms. Used to track the alarms for a device, including analytical diagrams and reports. Refer JED-0469 rev 1.4 section 5.1.6	webapps-irs

## IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5042	Master report types will display total remote time and time unremoted	webapps-irs
6363	Access allowed events will be displayed in Live Events. These trigger when an "open door" event has occurred	webapps-irs, jccpserver, jccpdb
6569	Email addresses now allow for capital letters	webapps-irs

## JAS VERSION 8.00.37

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

## IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
4984	VANN annunciator settings have been moved from JAS to webcfg	vann, wcfgevent, webapps-jas, webapps-webcfg
5597, 5772	Style of JAS webapp has been made consistent with other JELinux webapps	webapps-jas
6377	Colour filter spelling updated	webapps-jas
6401	JAS User log title updated	webapps-jas

## ROLES AND PERMISSIONS VERSION 8.00.39

Roles and permissions software module controls the user functionality of the Jacques system controller. This section details improvements added to roles and permissions software since the previous release.

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
6293	SSH permission moved from LDAP page to Settings page	webapps-users
6447	Select all permissions button shall now select 'Edit auto-mount settings' checkbox	webapps-users
6455	Delete virtual tags permission shall work as expected	webapps-users
6505	LDAP can now use ports other than default	webapps-users
6699	NGINX and NS switch mode settings removed from LDAP page	webapps-users
6716	Permissions added for Webcfg Settings page	webapps-users

## MNS VERSION 8.00.1

MNS (mass notification system) allows for messages to trigger event controller functions and events in the system to send text messages. This section details improvements added to MNS since the previous release. Note that this has been renamed from the previous name of SMS.

### IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5895	Segments can be created from epithet	webapps-mns
6330	Phone number entry box no longer has arrows to scroll the number up and down	webapps-mns
6426	Hardware mode can be saved	webapps-mns
6439	Webapp has been renamed from SMS to MNS	webapps-mns
6637	Text messages shall now send consistently	webapps-mns
6638	Configuration page shall no longer fail to load	webapps-mns
6643	Bulk upload of contacts shall now work in Firefox	webapps-mns

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