

**JED-0521
RELEASE NOTES C10 V8
MARCH 2023**

650 SERIES IP COMMUNICATION SYSTEM

SOFTWARE RELEASE CYCLE 10 V8

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

- JELinux
- Jacques Call Control Protocol (JCCP) Server
- Digital Audio Recorder (DAR)
- SIPPROXY
- J650UI
- Intercom Report Server (IRS)
- Jacques Announcement Scheduler (JAS)
- Roles and Permissions
- SMS notification system

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:

- New SMS feature to send notifications on system event
- Change device settings using Device Management
- SIP recording can be configured in web page
- Significant SIPPROXY improvements
- Native JEM-3 support in V8
- Native SIPVPN recording support in V8

Due to the nature of this major upgrade from the previous cycle to this cycle, the system needs to be completely rebuilt. Refer to JED-0524 (Upgrading V8 to Cycle 10) for more information.

JELINUX V8

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 release of the previous release.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
4955	JEM3 device upgrade support added to V8. Refer to JED-0505 rev1.4	webapps-webcfg, jem3prog
5034	SIPVPN Server support added to V8. Refer to JED-0505 rev1.4	webapps-webcfg, sipvpn-dar-server, vtun-syscfg
6012	SIPVPN Client support added to V8. Refer to JED-0505 rev1.4	webapps-webcfg, sipvpn-client, vtun-syscfg

5813	Custom SSL certification can be used for web configuration access. Refer to JCN-0414.	webapps-webcfg
6226	Major under-the-hood improvements to JELinux	syscfg
4679	Endpoint IDs can be changed for DAR and Event Controller. Refer to JED-0505 rev1.4	syscfg, dar, jevent
4992, 6007, 3732	Several pre-sets inclusion options have been added to the JEBackup process, including a custom option. Refer to JED-0517 rev1.0	webapps-webcfg
5375	JEBackups can now be archived at a scheduled time. Refer to JED-0517 rev1.0	webapps-webcfg
5648	Archived backups can include comments. Refer to JED-0517 rev1.0	webapps-webcfg
5902	Device configuration can now be easily swapped to a new device in Device Management. Refer to JCN-0426 rev1.0	webapps-webcfg
5301	Device settings in the Device Management page now has a user-friendly interface to see available options. Refer to JED-0505 rev1.4	webapps-webcfg, jccpserver
5499	Date and Time page has been redesigned to include a large digital clock and to simplify NTP process. Refer to JED-0505 rev1.4	webapps-webcfg
5420, 5761	JELinux syslog feature can be enabled to allow for additional logging. This can be redirected to a syslog server. Refer to JCN-0413 rev1.0	webapps-webcfg, syscfg

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
4066	Shutdown_now table in database now works without refreshing the page	webapps-webcfg
4827	Error message will appear if attempting to restore a backup to a system that it was not originally from	webapps-webcfg
5374	Breadcrumb style between applications made consistent	webapps-webcfg, webapps-jas, webapps-irs, webapps-users
5717	Removing network interfaces will no longer cause an error	webapps-webcfg
5759	Additional subnets can be added to DHCP configuration	webapps-webcfg, dhcpd-webcfg
5825	Uploading a file too large to TFTP will give appropriate error	webapps-webcfg, tftpd-webcfg
5836	Connected and queued calls will be retained on failover with redis password enabled	syscfg
5861	SNMPD V3 trap sessions support user update	webapps-webcfg, snmpd-webcfg
5899	IP address information added to bind address drop down selections	webapps-webcfg, dar, opensips-webcfg, sipproxy
5904	SIPProxy web configuration now has an advanced section that is hidden by default	webapps-webcfg, sipproxy
5983	Logging pop-up windows can be freely scrolled	webapps-webcfg
5991	Error messages related to serial ports no longer visible on virtual machines	syscfg
6004	Longer domains can be added to SIP trunk	webapps-webcfg, opensips-webcfg
6238	Sync to PC is now included with manual in the Date & Time page	webapps-webcfg
6286	Restart JCCPServer button added to Virtual Tags page	webapps-webcfg, jccpserver
5105	Style settings are now remembered on JELinux dashboard	webapps-webcfg
6006	Remote SIP address in SIP trunk can now be either IP address or host name	webapps-webcfg, opensips-webcfg
6228	Unsigned packages will not be able to be uploaded	syscfg
4883	Logging page has been redesigned to not need an extra screen for redirection	webapps-webcfg
5598	Location and design of Jacques logo has been made consistent between webapps	webapps-webcfg, webapps-jas, webapps-irs, webapps-users

5720	File size limitation of TFTPd can be changed	tftpd-webcfg
5801	Search and column sort added to Packages page	webapps-webcfg
6014	Host services page usability improvements	webapps-webcfg

JCCPSERVER VERSION 8.00.46

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 the release of the previous release.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5902	Device configuration can now be easily swapped to a new device in Device Management. Refer to JCN-0426 rev1.0	jccpserver
5301, 5630	Device settings in the Device Management page now has a user-friendly interface to see available options. Refer to JED-0505 rev1.4	jccpserver
6038	The number of available SIP audio ports can be changed in server_settings. Refer JCN-0421	jccpserver

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
4112	Devices can be edited after searching for them on the Device Management page	jccpserver
5070	Database entry restricted to only relevant characters	jccpserver, mysql-webcfg
5692	Models search will now only search for model names	jccpserver
5826	Back button added to bulk upload page	jccpserver
5903	Adding entries to tag_device_pool will no longer stop jccpserver from running	jccpserver
5924	Tag expression syntax on Virtual Tag page has been fixed	jccpserver
5934	Delete button has been added to Device Management page	jccpserver
6020	Back button added to Model Settings page	jccpserver
6133	IP addresses can be entered when using tag_device table in databases	jccpserver, mysql-webcfg
6209	Existing devices can have their uname and uvalue updated in Device Management	jccpserver
6332	Add button no longer disappears when deleting a row from Virtual Tags page	jccpserver
5927	Delete button has been added to Virtual Tag page	jccpserver
5962	Cancel database cell editing using ESC key	jccpserver
6196	Columns can now be sorted in the database	jccpserver
5779	JCCPserver syslog options are now hidden when feature is disabled	jccpserver
5988	Configuration of devices can be cleared from Configure Device page	jccpserver
5989	Cancel button added to Configure Device page	jccpserver
6154	Tag expression syntax added to Device Management page	jccpserver

DAR VERSION 8.00.36

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 release of the previous release.

NEW FEATURES

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5852	SIP Recording is now configurable in the JELinux web page. Refer to JED-0505 rev1.4	dar, syscfg
5034	SIPVPN Server support added to V8. Refer to JED-0505 rev1.4	sipvpn-dar-server, vtun-syscfg, webapps-webcfg
6012	SIPVPN Client support added to V8. Refer to JED-0505 rev1.4	sipvpn-client, vtun-syscfg, webapps-webcfg

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
3053	Logging can be configured correctly on DAR page	dar, webapps-webcfg

SIPPROXY VERSION 8.05.28

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 release of the previous release.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5957	SIPproxy will no longer crash when making PA calls via a third party SIP phone	sipproxy
6290	SIP trunk digest authentication realm allows for single word entry	sipproxy
6291	OpenSIPS web page now includes debug mode option and authentication mode selection	sipproxy, opensips-webcfg

J650UI VERSION 8.24.35

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 release of the previous release.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
1567	Button to add all endpoints to map page	j650ui-media-setup
1606	Navigation panel will scale correctly at different resolutions	j650ui-media-setup
6067	Option for emergency message popups to be suppressed	j650ui-media-setup

6069	Buttons and labels can be individually coloured and styled (apply to all option available)	j650ui-media-setup
6070	Emergency message buttons can be individually coloured	j650ui-media-setup
6072	Images can now be imported as buttons and locations	j650ui-media-setup
6073	Multiple images and overlays can be added to the map page	j650ui-media-setup
6075	Imported images can be resized	j650ui-media-setup
6083	J650UI can now only connect call booths to intercoms it can originate to	j650ui-media-setup

IRS VERSION 8.06.36

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.

IMPROVEMENTS

REF#	DETAIL	AFFECTED SOFTWARE PACKAGES
5814	Style corrected for Firefox browser	webapps-irs
5479	Models can be searched for in event summary without errors	webapps-irs
5773	IRS style updated to match other webapps	webapps-irs
5417	Add new recipient window dialog updated to match name of button	webapps-irs

JAS VERSION 8.00.34

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
5495	Qbutton announcement pop-up will match style of button	webapps-jas
5560	Announcement audio file name updated when audio file renamed	webapps-jas
5799	Search functionality added to each JAS page	webapps-jas
5921	JAS reports table column filter fixed position	webapps-jas
6054	Warning added when browser is attempted to be closed with playing QButton	webapps-jas
6055	Announcements will correctly play after the system has been running for several days	webapps-jas
6212	Colour filter added to schedule and calendar pages	webapps-jas

ROLES AND PERMISSIONS VERSION 8.00.34

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
5632	LDAP Integration page heading matches menu label	webapps-users
5774	Updated style to match other web applications	webapps-users
5894	Added support for SMS application	webapps-users
6001	Adding a role to a user via the role page will immediately take effect	webapps-users
6013, 6019, 6021, 6022, 6023	Additional permissions have been added to webapps-webcfg roles for host and network, MySQL, openSIPS, Drives and Logging	webapps-users

SMS VERSION 8.00.6

A feature new to V8 JElinux. This allows for text messages to trigger event controller functions and events in the system to send text messages. More information on this feature can be found in JED-0513.

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