

## **JED-0539**

### **RELEASE NOTES C12**

### **DECEMBER 2023**

## **650 SERIES IP COMMUNICATION SYSTEM**

### **SOFTWARE RELEASE CYCLE 12**

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

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

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:

- JEM-4 intercoms
- Updates to the WEBCFG dashboard
- SIP Trunk Redundancy
- Email notifications for events in the system
- Browser notifications for event and announcements
- Syslog support in J650UI

### **JEM-4 INTERCOMS**

Introducing Emulation Mode of Jacques new generation product JEM-4 for effortless integration into your existing Jacques system. This breakthrough allows the seamless replacement of aged intercoms with JEM-4 devices, eliminating the need for a full system upgrade. Our new generation JEM-4 devices are designed to be compatible with all versions of the JELinux system. This ensures a smooth transition and operational harmony across your existing Jacques infrastructure.

List of available devices:

- VSL-4XXX series
- IPM-4360 (with or without gooseneck microphone)
- IMC-4000
- UAI-4000
- JIB-4000
- JEX-4001

Contact sales if you would like further details on these devices.

## 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 previous release.

### NEW FEATURES

| REF#       | DETAIL   | AFFECTED SOFTWARE PACKAGES |
|------------|--|----------------------------|
| 5327       | Server settings page has been added to JCCPServer section, allowing for command server settings to be easily adjusted. Refer to JED-0505 rev1.8 for details              | webapps-webcfg, jccpserver |
| 6223, 6241 | WEBCFG dashboard now gives an overview of all devices connected to the system. This includes online, offline and a range of alarms. Refer to JED-0505 rev1.8 for details | webapps-webcfg             |
| 6240       | WEBCFG dashboard now has a favourites section, allowing quick access to selected pages. Refer to JED-0505 rev1.8 for details   | webapps-webcfg             |
| 162        | JEM tones can be installed on JELinux via a package. Refer to JCN-0430 rev1.0 for details  | jem2support                |

### IMPROVEMENTS

| REF#       | DETAIL   | AFFECTED SOFTWARE PACKAGES   |
|------------|--|--|
| 6799, 6498 | Improvements to security   | syscfg   |
| 6807       | Previous archives will no longer be included in archives to reduce likelihood of snowballing sizes | webapps-webcfg   |
| 7016       | Error messages will not cause save button to stop working  | webapps-webcfg, webapps-users, webapps-jas, webapps-irs, webapps-mns |
| 6814       | Additional hard drives are correctly seen by JELinux   | syscfg   |
| 5806       | Column headers on device management page will stay at top of table when scrolling down             | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6663       | Device management descriptors restricted to allowed characters                                     | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6661       | Virtual tag descriptors restricted to allowed characters   | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6711       | Default settings for VMS devices in device management will correctly match actual default settings | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6944       | Corrected typo when resetting all databases  | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6757       | Invalid entries removed from bind address dropdown menus   | webapps-webcfg, opensips-webcfg, dar                                 |
| 6774       | Custom services will now show in services page   | webapps-webcfg, syscfg, jevent                                       |
| 6897       | WEBCFG dashboard will no longer show errors if JCCPServer isn't installed                          | webapps-webcfg   |
| 6954       | Netmask will correctly match what is set   | webapps-webcfg, syscfg   |
| 6914       | Recording file dar.sip.ini will correctly be added to backups                                      | syscfg   |
| 6795       | Log level for all webapps can be changed   | webapps-webcfg, webapps-users, webapps-jas, webapps-irs, webapps-mns |
| 6687       | Bulk upload of database entries will work regardless of if any entries will not be included        | webapps-webcfg, jccpserver, mysql-webcfg                             |
| 6632       | Model settings page will no longer display all model settings when restarting JCCPServer           | webapps-webcfg, jccpserver   |
| 6650       | Button dividers on pop up confirmation window have been fixed                                      | webapps-webcfg   |
| 6653       | Archived backup list will no longer extend over the edge of the page                               | webapps-webcfg   |
| 6760       | Searching for an ampersand in databases will no longer cause errors                                | webapps-webcfg, mysql-webcfg   |

|      |  |                                       |
|------|--|---------------------------------------|
| 6413 | Files can be deleted from TFTP file list   | webapps-webcfg, tftpd-webcfg          |
| 6848 | DHCP settings will be synced in a high availability cluster                              | dhcpd-webcfg, ucarp                   |
| 6578 | Package tftpd-webcfg now included in Packages list                                       | webapps-webcfg, tftpd-webcfg          |
| 6355 | Column headers on virtual tags page will stay at top of table when scrolling down        | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6666 | Advanced filter on device management page will remain when Scan button is pressed        | webapps-webcfg, jccpsvr               |
| 6805 | Email IP table rule correctly restricted   | syscfg                                |
| 6821 | Repartition process improved   | syscfg                                |
| 6350 | Additional drive will no longer mount to /var/state at the same time as the booted drive | syscfg, initrd                        |
| 6804 | Ethernet bonding supported in V8 WEBCFG  | webapps-webcfg, syscfg                |
| 6625 | Host services have been moved from Applications to Controller                            | webapps-webcfg, syscfg                |
| 6758 | RAID1 support added to JSC-5L X12  | syscfg                                |
| 6745 | Database pages will still be accessible after upgrade from older V8 versions             | syscfg                                |

## JELINUX V7

### NEW FEATURES

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 162  | JEM tones can be installed on JELinux via a package. Refer to JCN-0430 rev1.0 for details | jem2support                |

## JCCPSERVER VERSION 8.00.50

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.

### IMPROVEMENTS

| REF# | DETAIL   | AFFECTED SOFTWARE PACKAGES            |
|------|--|---------------------------------------|
| 6960 | Calls to SIP clients made by J650UI will correctly show endpoint status                            | jccpsvr, sipproxy                     |
| 6814 | Additional hard drives are correctly seen by JELinux   | syscfg                                |
| 5806 | Column headers on device management page will stay at top of table when scrolling down             | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6663 | Device management descriptors restricted to allowed characters                                     | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6661 | Virtual tag descriptors restricted to allowed characters   | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6711 | Default settings for VMS devices in device management will correctly match actual default settings | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6944 | Corrected typo when resetting all databases  | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6687 | Bulk upload of database entries will work regardless of if any entries will not be included        | webapps-webcfg, jccpsvr, mysql-webcfg |
| 6632 | Model settings page will no longer display all model settings when restarting JCCPServer           | webapps-webcfg, jccpsvr               |
| 6355 | Column headers on virtual tags page will stay at top of table when scrolling down                  | webapps-webcfg, jccpsvr, mysql-webcfg |

|      |   |                            |
|------|---|----------------------------|
| 6666 | Advanced filter on device management page will remain when Scan button is pressed | webapps-webcfg, jccpserver |
|------|---|----------------------------|

## JCCPSERVER VERSION 7.97.68

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6960 | Calls to SIP clients made by J650UI will correctly show endpoint status | jccpserver, sipproxy       |

## DAR VERSION 8.00.41

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.

*If you are using CCTV cameras in V8 JELinux with iptables enabled, it's likely that camera footage will be blocked. Refer to JCN-0432 (Allowing CCTV Cameras Through V8 IP Tables) to resolve this*

### IMPROVEMENTS

| REF# | DETAIL   | AFFECTED SOFTWARE PACKAGES |
|------|--|----------------------------|
| 6702 | Port range used by CCTV cameras can now be restricted  | dar, syscfg                |
| 6681 | Display descriptor setting added to SIP Recording page | dar                        |

## SIPPROXY VERSION 8.05.32

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.

### NEW FEATURES

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 5687 | SIP trunk redundancy has been added, allowing for a secondary trunk to be assigned. | sipproxy, opensips-webcfg  |

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6697 | SIPPROXY now supports SIP OPTIONS   | sipproxy, opensips-webcfg  |
| 6677 | Wait for client registration option added to V8, allowing for SIPPROXY to not wait for previous registration of SIP devices to complete before continuing | sipproxy, opensips-webcfg  |
| 6668 | Force SIP redial option added to V8. Enabling this allows for SIP calls to be redialled after a period of time  | sipproxy                   |

|      |  |                  |
|------|--|------------------|
| 6825 | SIPPROXY no longer requires mysql to be installed    | sipproxy, syscfg |
| 6754 | SIPPROXY server port can now be changed from default | sipproxy         |
| 6753 | SIPPROXY server name can now use hostnames           | sipproxy         |

*SIP trunk redundancy is currently not available within the web configuration and must be enabled by editing configuration files. Contact support if you would like to enable this feature.*

## J650UI VERSION 8.24.42

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 |
|------|--|----------------------------|
| 4911 | J650UI can now receive syslog logging from JELinux. Refer to JCN-0431 rev1.0 for details   | j650ui                     |
| 1409 | Emergency announcements can be set to "cancel on negate", meaning the announcement will end as soon as the end announcement is pressed instead of waiting for the loop to finish. Refer to JED-0431 rev2.1 for details | j650ui                     |
| 6516 | Emergency announcements can be duplicated to other maps. Refer to JED-0431 rev2.1 for details  | j650ui                     |

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6514 | Tables can have the background colour changed | j650ui                     |

## IRS VERSION 8.06.44

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 |
|------|--|----------------------------|
| 5474 | Connected endpoints will correctly show in live events call accounting             | webapps-irs                |
| 6740 | Reduced the amount of warnings in logs regarding maximum number of archive reports | webapps-irs                |
| 6911 | eventnotesTB is correctly created on database initialisation                       | webapps-irs                |
| 6730 | Alarm counters will only increase on alarm set                                     | webapps-irs                |
| 6791 | Changing filter type in live event summary will reload the table                   | webapps-irs                |

|      |  |             |
|------|--|-------------|
| 6759 | Event call summary filter in live events will no longer display errors                     | webapps-irs |
| 5721 | Email recipients can be added in the send email window without having to create them prior | webapps-irs |
| 6696 | End announcement tag correctly displayed in logs   | webapps-irs |
| 6698 | Call booth state change event no longer shows unused variables                             | webapps-irs |
| 6610 | Live events will correctly open when over 2000 entries are loaded                          | webapps-irs |

## JAS VERSION 8.00.40

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.

### NEW FEATURES

| REF#       | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------------|---|----------------------------|
| 6979, 6998 | JAS events can now be retained for 1, 3, 6 or 12 months after the scheduled event has occurred. Refer to JED-470 rev1.9 for details | webapps-jas                |

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6856 | Notifications will now show up across all browsers accessing the web configuration to notify a qbutton has been pressed | webapps-jas, syscfg        |
| 6478 | JAS will notify user if database has missing announcement file  | webapps-jas                |
| 6709 | Typo corrected in qbutton error   | webapps-jas                |

## ROLES AND PERMISSIONS VERSION 8.00.43

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 |
|------|---|----------------------------|
| 6872 | Warning added when attempting to create user with duplicate username or email address | webapps-users              |
| 6845 | Password restrictions now correctly enforced  | webapps-users              |
| 6717 | Every web application has been given permissions to restrict exporting the user log   | webapps-users              |
| 6658 | Restarting jccpsrvr on virtual tags page added to permissions                         | webapps-users              |
| 6657 | Restarting jccpsrvr on device management page added to permissions                    | webapps-users              |
| 6520 | Object filter and login attribute added to LDAP configuration                         | webapps-users              |
| 6460 | SIP recording page will not show up if all DAR permissions are removed                | webapps-users              |
| 6456 | Replace serial number permission added to permissions                                 | webapps-users              |

## MNS VERSION 8.00.4

MNS (mass notification system) allows for messages to trigger event controller functions and events in the system to send messages. This section details improvements added to MNS since the previous release.

### NEW FEATURES

| REF#       | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------------|---|----------------------------|
| 6440       | Emails can now be sent when using MNS. Any event in the system that can be tracked by event controller can be used to send an email to destined parties. Refer to JED-0513 rev1.2 for details                               | webapps-mns                |
| 5851, 5873 | MNS supports browser notifications. Any event in the system that can be tracked by event controller can be used to send a notification to all browsers that have this feature enabled. Refer to JED-0513 rev1.2 for details | webapps-mns                |

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6629 | MNS no longer requires MySQL packages to function | webapps-mns                |

## VANN VERSION 8.04.30

VANN (voice annunciator) is the software used by JELINUX to create and send announcements to intercoms. Primarily used by JAS, it also can function as a standalone annunciator. This section details improvements added to VANN since the previous release.

### IMPROVEMENTS

| REF# | DETAIL  | AFFECTED SOFTWARE PACKAGES |
|------|---|----------------------------|
| 6736 | Viewing the vann.ini file will correctly display the file | vann                       |

## CONTACT DETAILS

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