

# Tacera Pulse 2.5 Release Notes

RN-US-027

## 1 Revision History

Rev	ECO Number	Description
A	19-031	Initial release of version 2.5.0
B	19-046	Updated DES version to V1.0.17

## 2 Scope

The following release notes are for the release of Tacera Pulse.

## 3 Release

### 3.1 Release 2.5.0

#### 3.1.1 General Notes

- ASM-In Single Interface Module, Email Adapter and TAP-In modules are delivered as part of the new combined Web Services Adapters module. These modules require the Integration Gateway to be accessible.
- Tacera Pulse Reports and Dashboards (On-Premises) is installed through two separate installation packages and the previously released pre-configured Windows VM is no longer provided.
- The Pulse Mobile Client App is available in the Google Play Store and the Apple App Store.

#### 3.1.1.1 Application Station (IP-APP1)

The new Application Station is now supported in this release. Please note:

- The APK files for the IP-Duty and the Application Station (IP-APP1) are *not* interchangeable on the two devices. Use the APK designated for each device in the [Component Platform Compatibility](#) chart below.
- Allow up to 2 minutes for the Touch Duty connection to timeout on a new or unconfigured Application Station, in order for it to display the initial "Setup the Application Station" red button. During that time period, you may see a blank, white screen – this is normal.
- There are no specific "IP-APP1" or "Application Station" profiles in the Touch Duty Configuration tool. Continue to use the IP-Duty profiles (Room Audio, Call List, etc.) until further notice.

#### 3.1.1.2 Touch Duty

**IP-Duty, Application Station and IP-WN-DD devices are no longer auto-assigned to annunciator locations**, as it overwrote existing assignments when additional annunciator devices were added post-commissioning. **These devices are now required to be manually assigned** to a location using either the IP-Connect Site Configuration or the Tacera Nurse Station. A new Webmin tool has been

provided (*Tool Box -> Touch Duty Manage IP-APP1*) to manage the IP-APP1 (Application Station) device. This should be used for all operations pertaining to the IP-APP1; likewise, all operations pertaining to the IP-Duty and IP-WN-DD should be performed using their respective Webmin tools. The Touch Duty Configuration tool can be used for all these devices.

The Touch Duty installer no longer overwrites the Touch Duty Properties (`main.properties`) and Touch Duty Log Properties (`log4j.properties`) files when Touch Duty 4.7.x (or later) is installed. This should not present any issues for users upgrading from *Touch Duty 4.6.x or later*, and it prevents the user having to update the Touch Duty Properties after installation and then restart Tomcat.

**Note: Users that are upgrading from *Touch Duty 4.5.x (or earlier)* will need to manually update some settings in the Touch Duty Properties (`main.properties`) file.** The following lines are deprecated in Touch Duty 4.6.x (and later) and **should be removed**:

```
# Main (bootstrap) ACS ipConnect server IP address to connect to for alarms and
site config data.
# This is a single value.
acs.ipAddress.MainConnector = 192.168.1.166

# Additional ACS ipConnect server IP addresses to connect to for alarms and site
config data.
# Can be a comma separated list.
# DO NOT INCLUDE the connector in acs.ipAddress.MainConnector
acs.ipaddresses = 192.168.1.167
```

Then, the following lines should be added in their place with the *combination* all the IP Connect addresses previously listed above in **both** variables (`acs.ipAddress.MainConnector` and `acs.ipaddresses`):

```
# All ACS ipConnect server IP addresses to connect to for alarms and site config
data.
# Can be a comma separated list.
acs.ipaddresses = 192.168.1.166,192.168.1.167
```

A new installation of Touch Duty 4.7.x (or later) or an upgrade from Touch Duty 4.6.x (or later) will not require this manual intervention.

**Note: The IP addresses used above are examples – use the IP addresses appropriate to the installation.**

### 3.1.1.3 *Housekeeping*

The Housekeeping configuration may need to be updated when upgrading to version 1.1.7 (or later). Depending on the deployment, there are either one or two changes required.

If the Housekeeping application is configured to subscribe to alarm data coming from multiple floor controllers, then the following change is required for the property named "ipconnectservers":

```
# All ACS ipConnect server IP addresses to connect to for alarm data.
# Can be a comma separated list.
ipconnectservers=192.168.1.166, 192.168.1.167
```

**Note: This change requires that the "|" (vertical bar) character is replaced with "," (comma) to separate the IP addresses in the list.**

The property named "ipconnectserversProperties" **should always be completely removed** from the Housekeeping configuration, as it is no longer needed:

```
ipconnectserversProperties=session.timeout=0|session.maxSessions=1|session.clearSessions=true
```

**Note: This will appear as a single line in the properties file.**

### 3.1.1.4 Data Extraction Service

Data Extraction Service (DES) requires a configuration change when updating to V1.0.17 or later. The *networkInterfaceToUse* setting in the configuration file (dataextraction.properties) should be removed from the configuration.

The Data Extraction Service may also need to be updated when upgrading to version 1.0.12 or later. The following lines should be updated in the configuration file (dataextraction.properties):

```
# Leave ACSServer blank to use same address as networkInterfaceToUse
ACSServer=
```

to (where 192.168.1.166 is replaced with the actual IP address):

```
# Specify the IPConnect Server's IP address
ACSServer=192.168.1.166
```

3.1.2 New Features

Component	Description
<b>Pulse Care</b>	Setting added to allow each station to be configured with a unique device name. This allows alarm filtering, based how the device is assigned as a display in the site config. It also allows the system to monitor the Pulse Care station for faults and raise Maintenance Call alarms for it.
	Only IP-TSNS/M-18 and IP-TSNS/M-NA are allowed to run the Pulse Care station software.
	Alarm duration counter consistent with how Mobile displays alarm duration.
	Settings added to control how the alarm location is formatted, consistent with how it is configured in the Touch Duty Configuration tool.
	Added language support for Simplified Chinese and Canadian French.
	System can be configured so that a voice call automatically cancels alarms at the location after hang up.
	Added password to protect the Settings screen. The password is "ns#3" (without the quotes).
	The audio configuration has been automated and removed from the Settings screen.
Active alarms are muted when an audio call is initiated.	
<b>Application Station</b>	The Application Station (IP-APP1) is introduced and now supported in Tacera Pulse.

3.1.3 Bug Fixes & Improvements

Component	Zendesk #	Description
<b>Pulse Care</b>	N/A	Voice call button on alarms does not work
	N/A	The ERRORS! Icon is displayed when the last active alarm is cancelled.
	N/A	Alarm Tones still heard on nurse station during active Voice Call
	N/A	Alarm Tone still heard after Voice Call is ended if the alarm is cancelled during the Voice Call
	N/A	The "ERRORS!" icon isn't cleared when the connection to the server is re-established
	N/A	Time counter is stopping while minimizing and defaulting to zeros while maximizing
	N/A	The active Voice Call is not ended when the Handset is hung-up
	N/A	Websocket does not re-connect after inactivity, after a restart of the Integration Server, or after changing IntegrationServer server/port setting, resulting in missing alarm data.
	N/A	Cannot make or receive Voice Calls in "hands free" mode

Component	Zendesk #	Description
	N/A	Dialer pad is displayed briefly when the call is disconnected
	N/A	Application crashes and closes when several Alarms are processed rapidly
	N/A	Application does not refresh after cancelling alarms
	N/A	Some alarm tones are not heard.
	N/A	Application fails to register its own SIP extension
	N/A	Fixes the issue where the Care Station locks up and requires a reboot.
<b>Tacera RTLS Manager</b>	N/A	Staff Presence feature doesn't correctly track assets if the facility mappings (facilityLocationName and facilityLocationId) are inconsistent
	N/A	Staff Presence alarms not activated correctly if configured as IP-Duty virtual call point and depending on how "Expand VCPs" is set and whether or not the IP-Duty is assigned to a location with child locations.
	N/A	Staff Presence alarms may fail to show that staff has left the location until after the alarm escalates.
<b>Web Services Adapters</b>	N/A	Adapter does not re-connect to Integration Server after inactivity or after a restart of the server, resulting in a permanent loss of functionality.
	N/A	ASM-In Single Interface module may not start.
	N/A	Alarm cancellation message cannot be processed.
	N/A	Ping message cannot be processed.
<b>Data Extraction Service (DES)</b>	27362	Fixed issue where DES is not accessible via Virtual IP address of the redundant pair.
	25471	Fixed issue where the DES show an exception in the logs "Failed to process the request java.lang.NullPointerException" when restarted.

### 3.1.4 Known Issues

See component-specific notes and general notes above, in addition to any in this table:

Component	Zendesk #	Description
N/A	N/A	N/A

### 3.1.5 Released Documents

Document	Revision
L-204, Pulse RTLS Connect Brochure	B
SIM-007-v4.11, Tacera Touch Duty System Installation and Configuration Guide	A
SIM-014, TAP Input Integration Installation and Configuration Guide	C
SIM-027, Tacera Web Services API Developer Guide	F
SIM-033, Tacera ASM-In Integration Installation and Configuration Guide	C
SIM-040, Email Adapter Integration Installation and Configuration Guide	B
SIM-041, Pulse Care Installation and Configuration Guide	C

Document	Revision
SIM-043, Application Station Configuration Guide	A
CS-029, Pulse RTLS Connect Cut Sheet	A
CS-035, Application Station Cut Sheet	A

### 3.1.6 Pulse Components

#### 3.1.6.1 Pulse Care

Feature	Component	Version	MD5 Hash
Pulse Care	Pulse Care	1.0.28	f6e1b7f8a23d73dd96ef261297a49fec

#### 3.1.6.2 Pulse – Data Only

Feature	Component	Version	MD5 Hash
Pulse (Data Only Deployment)	Tacera Data Extraction Service	1.0.17	39249265ea285274b1e7a307b2964fb9
	Data Acquisition Service (DAS)	3.2.1	c3ada5179810f0dcc358353e979f6cbd

#### 3.1.6.3 Pulse Reports and Dashboards (On-Premise)

Feature	Component	Version	MD5 Hash
Pulse Reports and Dashboards (On-Premises)	Reporting Portal (On-Premises)	3.1.1	25583bd3d6721b26023d554518082b40
	Data Acquisition Service (DAS)	3.2.1	c3ada5179810f0dcc358353e979f6cbd
	Gluu Identity Server	1.0.5	0b6a316984c3e4c4cdfdfc10971af0bd
	Tacera Data Extraction Service	1.0.17	39249265ea285274b1e7a307b2964fb9

3.1.6.4 *Pulse Reports and Dashboards (Cloud)*

Feature	Component	Version	MD5 Hash
<b>Pulse Reports and Dashboards (Cloud Deployment)</b>	Tacera Data Extraction Service	1.0.17	39249265ea285274b1e7a307b2964fb9
	Data Acquisition Service	3.2.1	c3ada5179810f0dcc358353e979f6cbd
	Reporting Portal (Cloud)	3.1.2	N/A

3.1.6.5 *Pulse Mobile*

Feature	Component	Version	MD5 Hash
<b>Pulse Mobile</b>	Pulse Mobile Gateway	1.1.5	5205ad5e9a810223c76ce5997c5c842a
	Pulse Mobile App (iOS)	1.5	N/A
	Pulse Mobile App (Android)	1.5	N/A
	Gluu Identity Server	1.0.5	0b6a316984c3e4c4cdfdfc10971af0bd

3.1.6.6 *IP-Duty/IP-Duty 2*

Feature	Component	Version	MD5 Hash
<b>IP-Duty</b>	IP-Duty APK	3.6.10	59779494914c15e08369336ccbaa6c2
	Tacera Touch Duty Server	4.11.3	4c2e0c24c1cc81d3c1ac286fff6ee93e

3.1.6.7 *IP-WN-DD/IP-WN-DD-2*

Feature	Component	Version	MD5 Hash
<b>IP-WN-DD</b>	IP-WN-DD Platform Patch	4.3.0	5f837049c907f86189d297a1766b94d4
	Tacera Touch Duty Server	4.11.3	4c2e0c24c1cc81d3c1ac286fff6ee93e

3.1.6.8 *Application Station (IP-APP1)*

Feature	Component	Version	MD5 Hash
<b>IP-APP1</b>	IP-APP1 APK	4.0.6	08684a691d0a81c3c706542d1e820663
	Tacera Touch Duty Server	4.11.3	4c2e0c24c1cc81d3c1ac286fff6ee93e

3.1.6.9 *RTLS*

Feature	Component	Version	MD5 Hash
<b>RTLS</b>	Tacera RTLS Ekahau Adapter	1.1.4	850da85a56e7135062f0de18daffd8b6
	Tacera RTLS Manager	1.1.11	336b45021001aa7db6f549c8690ca41e

3.1.6.10 *HL7*

Feature	Component	Version	MD5 Hash
<b>HL7</b>	Tacera HL7	1.1.1	896c940659508f25c84aa61b4824f2a8
	Tacera Touch Duty Server	4.11.3	4c2e0c24c1cc81d3c1ac286fff6ee93e

3.1.6.11 Cisco and Spectralink Web Devices

Feature	Component	Version	MD5 Hash
Tacera Web Devices	Tacera WebDevices	3.5.4	fbea4d8c611baab419790ebbd64d2800

3.1.6.12 Vocera

Feature	Component	Version	MD5 Hash
Vocera	Vocera Adapter	4.0.1	0bbaf7a475f2920e7a01d2f665127902

3.1.6.13 XnDigital

Feature	Component	Version	MD5 Hash
XnDigital	Tacera UDPCopy	1.0.7	0ab8efc5b24fa6faddbfd3853d1ae2e7

3.1.6.14 eHOUSEKEEPING IMS Integration

Feature	Component	Version	MD5 Hash
HouseKeeping	Tacera Housekeeping	1.1.8	cb330bea427e86b63578b894c6f89670

3.1.6.15 Web Services Adapters

Feature	Component	Version	MD5 Hash
ASM Input	Web Services Adapters	1.0.7	918e5b8de05cf8cc9252f21e4014bf35
TAP Input			
Email Monitor			

3.1.7 Compatibility Matrix

Component	Version
Tacera Suite	V4.11

3.1.8 Component Platform Compatibility

Component	Platform Compatibility
Pulse Care	IP-TSNS/M-18, IP-TSNS/M-NA
Tacera HL7	ACS Platform 4
Tacera Touch Duty Server	ACS Platform 3, ACS Platform 4
IP-Duty APK	IP-Duty, IP-Duty 2
IP-WN-DD Platform Patch	IP-WN-DD, IP-WN-DD-2
IP-APP1 (Application Station) APK	IP-APP1 (Application Station)
Web Services Adapters	ACS Platform 4
Tacera Housekeeping	ACS Platform 3, ACS Platform 4
Tacera UDPCopy	ACS Platform 3, ACS Platform 4
Vocera Adapter	Microsoft Windows
Tacera WebDevices	ACS Platform 3, ACS Platform 4
Tacera RTLS Ekahau Adapter	ACS Platform 3, ACS Platform 4
Tacera RTLS Manager	ACS Platform 3, ACS Platform 4
Gluu Identity Server	ACS Platform 4
Tacera Data Extraction Service	ACS Platform 3, ACS Platform 4

For further information contact Austco Support on [support@ austco.com](mailto:support@ austco.com).