

Tacera Pulse 2.4 Release Notes

RN-US-024

1 Revision History

Revision	ECO Number	Description
Rev A	ECO18-224	Initial release of version 2.4.0

2 Scope

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

3 Release

3.1 Release 2.4.0

3.1.1 General Notes

- ASM-In Single Interface Module and TAP-In modules are now delivered as part of the new combined webservices adapters module. These modules now require the Integration Gateway to be accessible.
- Tacera Pulse Reports and Dashboards (On-Premises) is installed through two separate installation packages and a 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 Touch Duty

IP-Duties and WN-DD devices are no longer auto-assigned to annunciator locations, as it overwrote existing assignments when additional WN-DD 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.

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.

3.1.1.2 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.

3.1.1.3 Data Extraction Service

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

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

The following lines should be added to the configuration file (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
Web Services Adapters	New package of integration interfaces that include TAP-Input, ASM Input and the new Email monitoring adapter.
	TAP input interface has been updated to allow customization of the message parsing script on-site to give greater flexibility on-site for third-party integrations.
	TAP input interface includes a new message parser for IdeaCom.
	A new Email monitoring adapter is now available that can parse emails and activate alerts in Tacera. This adapter allows direct monitoring of Epic EHR sepsis alert emails to be injected as alarms into the Tacera Nurse Call system, to alert responsible staff.

3.1.3 Bug Fixes & Improvements

Component	Zendesk #	Description
Touch Duty Server	N/A	IP-Duties and WN-DD devices are no longer auto-assigned to annunciator locations, as it overwrote existing assignments when additional WN-DD 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.
	N/A	Fixed issue where changing site layout (locations) after siteconfig database (TouchDuty Server) has been established can cause errors on the Touch Duty Server.
	N/A	Fixed issue where Touch Duty server consumed 100% CPU for an extended period of time while parsing a site file from a floor controller.
	24580	Fixed issue where Touch Duty throws DB exception "subquery must return only one column".
	21080	Fixed issue where adding additional WN-DD's post commissioning deletes existing display assignments for IP-Duties and WN-DDs. To fix the above issue the TD Config Tool no longer shows "Annunciator Location", and the "Location" has been changed to "Device Location" with an explanation of "Physical location of device." underneath the title.
	24410	Fixed issue where Location Pairing Editor web page does not update the location from the CCP File if a new CCP File is uploaded or new locations are added.
	25250	Improved text legibility for IP-WN-DD. Added additional configuration to allow call duration to be turned off for a display.

Component	Zendesk #	Description
	N/A	Fixed issue when a new contact is created in the application → contacts menu of the Touch Duty Config Tool Room Audio profile, the contact is added but is not displayed on the IP-Duty.
	N/A	Fixed issue where the IP-Duty displays only 7 contacts and will not display the newly-added contacts even though they are in the Room Audio profile of the Touch Duty Config Tool.

3.1.4 Known Issues

Component	Zendesk #	Description
N/A		

3.1.5 Released Documents

Document	Revision
L-197, RTLS Installation and Configuration Guide	E
SIM-015, HL7 Installation and Configuration Guide	C
SIM-022, Pulse Reports and Dashboards Installation and Configuration Guide	C
SIM-007-V4.10, Tacera Touch Duty System Installation and Configuration Guide	A
SIM-014, TAP Input Integration Installation and Configuration Guide	B
SIM-033, ASM-In Integration Installation and Configuration Guide	B
SIM-040, Email Adapter Integration Installation and Configuration Guide	A
SIM-027, Tacera Web Services API Developer Guide	E
CS-027, EMR Integration Cut Sheet	A
L-247, Improve Sepsis Response Times with Pulse Mobile	A

3.1.6 Tacera Pulse Components

3.1.6.1 Pulse – Data Only

Feature	Component	Version	MD5 Hash
Pulse (Data Only Deployment)	Tacera Data Extraction Service	1.0.14	66b0abfc3b43b37a11d02ff365f7b5a6
	Data Acquisition Service (DAS)	3.2.1	c3ada5179810f0dcc358353e979f6cbd

3.1.6.2 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	1.0.14	66b0abfc3b43b37a11d02ff365f7b5a6

3.1.6.3 Pulse Reports and Dashboards (Cloud)

Feature	Component	Version	MD5 Hash
Pulse Reports and Dashboards (Cloud Deployment)	Tacera Data Extraction Service	1.0.14	66b0abfc3b43b37a11d02ff365f7b5a6
	Data Acquisition Service	3.2.1	c3ada5179810f0dcc358353e979f6cbd
	Reporting Portal (Cloud)	3.1.2	N/A

3.1.6.4 Pulse Mobile

Feature	Component	Version	MD5 Hash
Pulse Mobile	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

3.1.6.5 IP-Duty

Feature	Component	Version	MD5 Hash
IP-Duty	IP-Duty APK	3.6.10	59779494914c15e08369336ccbaa6c2
	Tacera Touch Duty Server	4.10.1	8893d4e0b7e6bf8a434bdd755e914953

3.1.6.6 IP-WN-DD/IP-WN-DD-2

Feature	Component	Version	MD5 Hash
IP-WN-DD	Tacera Touch Duty Server	4.10.1	8893d4e0b7e6bf8a434bdd755e914953
	IP-WN-DD Platform Patch	4.3.0	5f837049c907f86189d297a1766b94d4

3.1.6.7 RTLS

Feature	Component	Version	MD5 Hash
RTLS	Tacera RTLS Ekahau Adapter	1.1.4	850da85a56e7135062f0de18daffd8b6
	Tacera RTLS Manager	1.1.10	43dfa7cd88d6fe28c3a9e6431b9e3ea1

3.1.6.8 HL7

Feature	Component	Version	MD5 Hash
HL7	Tacera HL7	1.1.1	896c940659508f25c84aa61b4824f2a8
	Tacera Touch Duty Server	4.10.1	8893d4e0b7e6bf8a434bdd755e914953

3.1.6.9 Cisco and Spectralink Web Devices

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

3.1.6.10 Vocera

Feature	Component	Version	MD5 Hash
Vocera	Vocera Adapter	4.0.1	0bbaf7a475f2920e7a01d2f665127902

3.1.6.11 XnDigital

Feature	Component	Version	MD5 Hash
XnDigital	Tacera UDPCopy	1.0.7	0ab8efc5b24fa6faddbfd3853d1ae2e7

3.1.6.12 eHOUSEKEEPING IMS Integration

Feature	Component	Version	MD5 Hash
HouseKeeping Web Service	Tacera Housekeeping	1.1.8	cb330bea427e86b63578b894c6f89670

3.1.6.13 Web Services Adapters

Feature	Component	Version	MD5 Hash
ASM Input	Web Services Adapters	1.0.2	3a31439cd2ea48509350c1b7595e8a42
TAP Input			
Email Monitor			

3.1.7 Compatibility Matrix

Component	Version
Tacera Suite	V4.10

3.1.8 Component Platform Compatibility

Component	Platform Compatibility
Tacera HL7	ACS Platform 4
Tacera Touch Duty Server	ACS Platform 3, ACS Platform 4
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.