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# Tacera Pulse 2.2 Release Notes

RN-US-020

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## 1 Revision History

Revision	ECO Number	Description
Rev A	ECO18-100	Initial release of version 2.2.0

## 2 Scope

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

## 3 Release

### 3.1 Release 2.2.0

#### 3.1.1 General Notes

- Instructions on assembling and unzipping the four components of Tacera Pulse Reports and Dashboards (On-Premise) into one file:
  1. Copy all files into a folder
  2. Open File Explorer and navigate to the folder with the files
  3. Right click on "Tacera-Pulse-v1.0-Win2012-R2.zip" file and select "Extract here". The file will be extracted from the components.
- The Pulse Mobile Client App is available in the Google Play Store and the Apple App Store.

#### 3.1.1.1 Touch Duty

The Touch Duty installer will no longer overwrite 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
<b>Touch Duty Server</b>	Added support for IP-WN-DD-2
<b>ASM-In Single Interface</b>	A single point of entry for the ASM-In interface. Optionally replaces individual ASM-In plugin configurations on all floor controllers with a single instance on the integration server.
<b>Pulse Mobile</b>	If not signed in, "Sign Out" button text now correctly states "Sign In".
	Pulse mobile app now always plays a tone on new alarm activation or escalation regardless of the app being foregrounded or suspended.
	Pulse mobile app now plays the configured tones for the alarm type.
	Pulse mobile app plays the alarm tone for the highest priority alarm on configured resend intervals.
<b>IP-WN-DD</b>	Added support to remove the seconds counter from the clock in call list and slide show mode.
	Clock can now be removed from the profile of Web Annunciator.
	Improved user interface.
	Added support for alarm acknowledge message to be displayed if configured.

### 3.1.3 Bug Fixes

Component	Zendesk #	Description
<b>Pulse Mobile</b>	N/A	Fixed issue where mobile workflow button activation fails sometimes.
	N/A	If mobile app is backgrounded and then foregrounded, SIP calls no longer connect
	N/A	A pound sign '#' in the password throws error on pulse mobile authentication and the user is unable to login
	N/A	Mobile (iOS) - Client displays wrong version number in system settings
	N/A	Settings retained after uninstall on iOS
	N/A	Restart of IP-Connect server causes multiple re-connection in quick succession for extended period of time.
<b>IP-WN-DD (Web Annunciator)</b>	N/A	Restart from webmin causes chrome to display "Chrome didn't shutdown correctly... Click Restore" info bar at the top requiring user action.
<b>RTLS</b>	N/A	Location name with an embedded space causes some RTLS functions to fail
	N/A	Restart of IP-Connect server causes multiple re-connection in quick succession for extended period of time.

Component	Zendesk #	Description
<b>Touch Duty Server</b>	N/A	Touch Duty Config Tool allows location truncation similar to IP-Duty configuration for the IP-WN-DD.
	N/A	TouchDuty does not automatically reconnect to IPConnect after IPC restarts
<b>SNMP Agent</b>	N/A	Restart of IP-Connect server causes multiple re-connection in quick succession for extended period of time.
<b>Housekeeping</b>	N/A	Restart of IP-Connect server causes multiple re-connection in quick succession for extended period of time.

### 3.1.4 Known Issues

Component	Zendesk #	Description
<b>Pulse Reports &amp; Dashboards (On-Premise)</b>	N/A	Cannot apply the location settings in the "Settings" box. The "apply" button does not work
<b>Data Acquisition Service (On-Premise)</b>	N/A	Shift data is not extracted and used.
<b>Data Acquisition Service (Cloud)</b>	N/A	Shift data is not extracted and used.
<b>Pulse Reports &amp; Dashboards (Cloud)</b>	N/A	Azure Active Directory Logins Pick First TenantId
	N/A	A User With No Last Name or No First Name in AAD Cannot Log In
<b>Touch Duty</b>	N/A	See above notes about Touch Duty upgrades

### 3.1.5 Released Documents

Document	Revision
SIM-031, Pulse Mobile User Guide	D
SIM-032, Pulse Mobile Installation and Configuration Guide	F
SIM-007, Tacera Touch Duty System Installation and Configuration Guide	A
SIM-033, ASM-In Single Interface Installation and Configuration Guide	A
SIM-027, Web Services API Developer Guide	C
CS-004, Annunciator Display Driver IP-WN-DD-2	A

### 3.1.6 Tacera Pulse Components

#### 3.1.6.1 Pulse – Data Only

Feature	Component	Version	MD5 Hash
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<b>Pulse (Data Only Deployment)</b>	Tacera Data Extraction Service	1.0.12	46b0a0566392c4dd07fbbe5fffa63560
	Data Acquisition Service	2.5.0	

*3.1.6.2 Pulse Reports and Dashboards (On-Premise)*

Feature	Component	Version	MD5 Hash
<b>Pulse Reports and Dashboards (On-Premise)</b>	Tacera-Pulse-v1.0-Win2012-R2.zip	2.0	4ded117ef99d28f87240799d80e463cc
	Tacera-Pulse-v1.0-Win2012-R2.z01	2.0	272f64890fdeb553b7c4429f1f4eba69
	Tacera-Pulse-v1.0-Win2012-R2.z02	2.0	090928ac632b5b21da092a56e44caf96
	Tacera-Pulse-v1.0-Win2012-R2.z03	2.0	6cd80ca26367c8e1cc40fb40a056a846
	Tacera Data Extraction Service	1.0.12	46b0a0566392c4dd07fbbe5fffa63560

*3.1.6.3 Pulse Reports and Dashboards (Cloud)*

Feature	Component	Version	MD5 Hash
<b>Pulse Reports and Dashboards (Cloud Deployment)</b>	Tacera Data Extraction Service	1.0.12	46b0a0566392c4dd07fbbe5fffa63560
	Data Acquisition Service	3.0.0	439b462d2c4a91c19cde26a171825ae6
	Portal	3.0.0	N/A

*3.1.6.4 Pulse Mobile*

Feature	Component	Version	MD5 Hash
<b>Pulse Mobile</b>	Pulse Mobile Gateway	1.1.4	1718af27767a812b63a2fdad39ae57b3
	Pulse Mobile App (iOS)	1.4	N/A
	Pulse Mobile App (Android)	1.4	N/A
	Gluu Identity Server	1.0.4	79458a70aa55dea208063f25462ab757

*3.1.6.5 IP-Duty*

Feature	Component	Version	MD5 Hash
<b>IP-Duty</b>	IP-Duty APK	3.6.9	f6b7e85a7aa67b35423cd2b0b0444f1c
	Tacera Touch Duty Server	4.8.1	d801a9ec430cbf9b48e77e74a5588f64

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

Feature	Component	Version	MD5 Hash
<b>IP-WN-DD</b>	Tacera Touch Duty Server	4.8.1	d801a9ec430cbf9b48e77e74a5588f64
	IP-WN-DD Platform Patch	4.3.0	5f837049c907f86189d297a1766b94d4

3.1.6.7 RTLS

Feature	Component	Version	MD5 Hash
<b>RTLS</b>	Tacera RTLS Ekahau Adapter	1.1.4	850da85a56e7135062f0de18daffd8b6
	Tacera RTLS Manager	1.1.8	829300edb85fc5842066a7f9dab65d9d

3.1.6.8 HL7

Feature	Component	Version	MD5 Hash
<b>HL7</b>	Tacera HL7	1.0.3	28f596ce60556b9946cf203b7a1d13fe
	Tacera Touch Duty Server	4.8.1	d801a9ec430cbf9b48e77e74a5588f64

3.1.6.9 Cisco and Spectralink Web Devices

Feature	Component	Version	MD5 Hash
<b>Tacera Web Devices</b>	Tacera WebDevices	3.5.4	fbea4d8c611baab419790ebbd64d2800

3.1.6.10 Vocera

Feature	Component	Version	MD5 Hash
<b>Vocera</b>	Vocera Adapter	4.0.1	0bbaf7a475f2920e7a01d2f665127902

3.1.6.11 XnDigital

Feature	Component	Version	MD5 Hash
<b>XnDigital</b>	Tacera UDPCopy	1.0.7	0ab8efc5b24fa6faddbfd3853d1ae2e7

3.1.6.12 eHOUSEKEEPING IMS Integration

Feature	Component	Version	MD5 Hash
<b>HouseKeeping Web Service</b>	Tacera Housekeeping	1.1.8	cb330bea427e86b63578b894c6f89670

3.1.6.13 ASM-In Single Interface

Feature	Component	Version	MD5 Hash
<b>ASM-In</b>	ASM-In Single Interface	1.0.1	aad8312093da49573b7028b2ee804720

3.1.7 Compatibility Matrix

Component	Version
Tacera Suite	V4.8

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