



AVEVA™ Mobile Operator 2020 Release Notes

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Contents

Chapter 1 AVEVA Mobile Operator 2020 Release Notes.....	4
Summary	4
New Features	4
General Enhancements	5
Changed Features.....	7
Resolved Issues.....	7
Unsupported Features	9
Important Notices for This Release	10
Important Information for Highly Secured Environments (TLS 1.2 Exclusively)	10
Password History Updates	10
Database Schema Updates.....	11
Troubleshooting Information	11
Unblocking Files.....	11

Chapter 1

AVEVA Mobile Operator 2020 Release Notes

Summary

The AVEVA Mobile Operator 2020 Release addresses many customer-reported issues and introduces several new features.

New Features

This section details the key features and general enhancements for AVEVA Mobile Operator 2020. Please refer to the *AVEVA Mobile Operator Documentations* for details.

Key Features

- AVEVA Mobile Operator is now an enterprise application.
- A new web app is now available that allows you to create and manage the organization structure. For more information see the *AVEVA Mobile Operator Help* in the web app.
- A new installer is now available to install and configure the AVEVA Mobile Operator applications. For more information see the *AVEVA Mobile Operator Installation Guide*.
- Most components of Management Center and the Mobile app are now Plant scoped.
- Concurrent licensing is now supported and you can reserve licenses for Plant. For more information on concurrent licensing, see the *AVEVA Mobile Operator Installation Guide*.
- You can now set authentication modes for a user as Enterprise, Local, or Hybrid. For more information on the authentication modes, see the *AVEVA Mobile Operator Installation Guide* and *AVEVA Mobile Operator Help* available in the web app.
- You can access the SSRS Reports via web app. For more information, see the *AVEVA Mobile Operator Help* in the web app.
- You can now set the sync reminders on the mobile app. For more information, see the *AVEVA Mobile Operator Help* available on the web app.

- You can now enable pausing of a Procedure and pause and resume a Procedure in the mobile app. For more information on enabling pausing of the Procedures, see the *AVEVA Mobile Operator Management Center User's Guide*.
- You can now add a Keyword to search for a Procedure. For more information about the Keyword field, see the *AVEVA Management Center User's Guide*.
- You can now search for a Procedure from the Dashboard, Procedure, and Procedure-on-Demand page. To know more about this feature in the mobile app, see the *AVEVA Mobile Operator User's Guide* (for Android, iOS, or UWP).
- Work Order Request now supports adding multiple Templates with enhancements. For more information, see the *AVEVA Mobile Operator Management Center User's Guide*.

General Enhancements

Following are some of the enhancements made in this release:

- **Installation Enhancements:** The following enhancements are made for installing the AVEVA Mobile Operator application. To know more about these enhancements, see the *AVEVA Mobile Operator Installation Guide*.
 - Added Database Integrity utility to capture invalid or bad data in a .CSV file.
 - Support for System Platform 2020, and System Platform 2020 R2.
 If you are reading the date/datetime data type from AVEVA Application Server in the AVEVA Mobile Operator, then Mobile Operator ArchestrA Update Service and AVEVA Application Server need to be deployed in same time zone and culture. If Mobile Operator ArchestrA Update Service and AVEVA Application Server are in different time zone, then ArchestrA runtime read function will display value based on the difference between the two time zones.
 - Support for Platform Common Services (formerly ArchestrA Identity Manager) to authenticate the users.
 - Synchronization Server enhanced to have active concurrent connections.
- **Secured Communication:** The following enhancements are made for securing the communication in AVEVA Mobile Operator application.
 - AVEVA Mobile Operator now supports encrypted sync communication with enhanced user security on the mobile app. The Sync server now requires a CA signed certificate. To know more about the certificates, see the *AVEVA Mobile Operator Installation Guide*.
- **Mobile App Enhancements:** The following enhancements are made in the mobile app for Android, iOS, and UWP. For more information, see the help of the respective platforms.
 - Supports enterprise system. You can now select a Plant to login.
 - Improved the usability for Response List and Status List items on mobile app.
 - Enhancement made to distinguish between the New and In Progress Procedures.

- Enhancement made to distinguish between the previous and exit actions in the Task screen.
 - Support for different timezone and culture setting as configured for the Plant or Base.
 - Improved the Peripheral support by using:
 - NFC tags to read data.
 - Cognex Library for Barcode scanning in Android platform.
 - Support for attachments in the Work Order Request Form.
 - Support for task search using the scan icon via barcode.
 - Enhanced the Navigation view to display an aggregate status indication for child nodes in Task Group.
- **Management Center Enhancements:** The following enhancements are made in the Management Center application. To know more about these enhancements, see the *AVEVA Mobile Operator Management Center User's Guide*.
 - Support for adding Groups from an Active Directory.
 - Support for read/write access to users in Server Integration Configs.
 - Support for import of Response List to Organization or Plant via iDTS service.
 - Enhanced user search in the Procedure Builder and Schedule Manager.
 - SSRS reports can display the handwritten signatures.
 - Trends data can be stored and read irrespective of the culture settings. Data will be converted to the local culture irrespective of the culture in which it was captured
 - **Localization Enhancements:** AVEVA Mobile Operator app for Android, iOS, and Windows 10 support the following languages. For additional steps required to support languages, see the *AVEVA Mobile Operator Installation Guide* and *AVEVA Management Center User's Guide*.
 - Chinese (Simplified)
 - French
 - German
 - Italian
 - Japanese
 - Korean
 - Norwegian
 - Portuguese
 - Russian
 - Spanish

- **SDK Enhancements:** The GetAssets and SetAssets methods are enhanced For more information on SDK methods, see the *AVEVA Mobile Operator Extensibility SDK*.

Changed Features

The following features have changed in AVEVA Mobile Operator 2020.

- IntelaTrac is now AVEVA Mobile Operator. However, in some instances, you may see “IntelaTrac” in upgrade path, reports, and so on.
- AVEVA Mobile Operator 2020 is also known as AVEVA Mobile Operator 6.0 and you may, in some instances, see '6.0' in upgrade path, and so on.
- The **System Settings** are no longer available in the Management Center. It is now supported in the AVEVA Mobile Operator web app.
- User authorization information is now downloaded to the mobile during user login in online mode. Transfer button no longer updates the user information (User details, Permissions, and Roles).
- User authorization information is downloaded to the mobile during user login. To get the latest user updates, you must logout and login again.

Resolved Issues

The following issues have been resolved in AVEVA Mobile Operator 2020:

CR #	SR #	Description
105597	51513185 44710951	APlus-Asset is cleared from all nodes when procedure group is set to dynamic asset without a status list.
105849	51513209	Sync fails on partial transfer on procedures configured with historian integration
107003	51513362	The SDK app cannot create the third layer of asset under a custom Application ID
107381	NA	ADM error message deleting a property
110313	51513529	Android\UWP\iOS app only accepts port with 4 digits
110716	NA	Overlapping/Duplicate Indexes on SAT_TRANS_DATA_ITEM
111742	51315540	Android Mobile app crashes with undetermined pattern.
112275	62510098	Auditor Plus Trend Handling Date Formats Incorrectly
112214	48410798	SSRS Exception report shows incorrect task group and status

112389	62510115	Update Calculations Referencing Tag Not Working as expected
113258	NA	Deviation Report Timeout Makes IMC Unresponsive
117014	NA	Camera on iPhone 11 Pro not working for asset scan
118107	62510121	Scheduled Round Missed Before Expected End Date
118109	62510123 62510151	Unable to save text copied with trailing space
118227	NA	IMC is crashing after Asset is Assigned to Asset Type
118475	76110178	Scrolling is getting frozen when response list is too long
119051	76110160	Web UI is opening read-only mode
120566	39413436	OR function not working in expression editor
122620	76110201	IDTS is not deleting Child Asset while Parent Asset is getting deleted
123810	39413480	Validation failure
124827	402110867	Crash of CT50 Barcode APK
124893	76110251	App is crashing after scanning asset
125654	50510383	Task display format ft/in does not allow default value
126022	76110255	Android Mobile App is crashing during Asset Search
126500	960010264	Duplicating a task with lists as data type and changing it to number data type will cause the value show up wrong in SSRS "Printable Rounds Report"
127656	960022389	"Procedure Status Base/User" Report in Auditor Plus shows all the data from the past
128110	960023093	Attachment is not showing up for several plants
128408	960030230	Procedure execution is showing as Late even though the procedure has been completed before "Overdue" cut-off time.
128410	960035164	Calculation Expression with DataType Text should limit to 100 Chars.

Unsupported Features

Unsupported features include:

- In the Android platform, the USB Sync feature is no longer supported for AVEVA Mobile Operator application.
- The following peripherals are no longer supported in Management Center.
 - DB Pruftechnik VIBTOOL,
 - BLUETOOTH RFID
 - Rail Car Integration
 - SKF CMVL3600-IS MCD Probe
- The following device are no longer supported in AVEVA Mobile Operator.
 - Panasonic FZ-X1 rugged
 - ecom Smart-Ex 01
 - ecom Tab-Ex 01
 - Honeywell Dolphin CT50
- The Permission Manager in Management Center no longer supports the following permissions:
 - Device Registration:
 - Manage Registration Key
 - Web Reports:
 - Schedule Reports
 - Web Service:
 - All Permissions
 - Scheduling Permissions
 - Work Request Permissions
- In Management Center, the device registration for Mobile Computers is no longer supported. You can no longer add, activate, or edit a Mobile Computer entry in the Device Registration module of Management Center.
- In the AVEVA Mobile Operator app for iOS platform, the Network Status is no longer available in the Threshold settings.
- The ARM devices are no longer supported in UWP. For more information, see the Microsoft documentation.
- In the Permission Manager,

- The "Users" submenu is removed from the View Type menu. The View Type menu now displays only the Groups and Base options.
- The User folder from the Bases view type is no longer supported.
- In List Manager-Bases, the Roles tab has been removed. The Roles pop-up window will now list all the available roles for the logged in Plant.
- Import and export of 'User Base Role links' and 'User Group Links' are no longer supported.
- Importing user association to organization (Plant) is not supported.
- The Sleep Seconds is no longer available for Wonderware Historian and Wonderware Online Configurations. You can set it through the config files. For more information, see the *AVEVA Mobile Operator Management Center User's Guide*.
- The following settings are no longer supported in AVEVA Mobile Operator:
 - Show Keyboard On Field
 - Show Keyboard On Logon
 - Allow User To Cancel Threads
 - Default Thread Timeout (Seconds)
 - Active Directory Name (Domain)
 - Procedures On Demand Auto Downloaded
- The Netlog Client is no longer supported in AVEVA Mobile Operator applications.
- AVEVA Mobile Operator no longer supports Workstation, Emulation, Web Services, and Web Reports.

Important Notices for This Release

The following sections describe important notices for this release. Make sure that you read them before installing or upgrading to AVEVA Mobile Operator 2020.

Important Information for Highly Secured Environments (TLS 1.2 Exclusively)

Although, the AVEVA Mobile Operator applications can not enforce transport layer security (TLS 1.2) protocol, it is highly recommended to configure TLS 1.2 and above to ensure secure communication. To know more, see the *AVEVA Mobile Operator Installation Guide*.

Password History Updates

On upgrading to AVEVA Mobile Operator 2020, the application will no longer retain the users' password history data from the earlier releases. The current password of the user will continue to work and any password update after the upgrade will be retained in the Password History. To know more about the Password History feature, see the "Configuring Security Settings" topic in AVEVA Mobile Operator Web Help.

Database Schema Updates

Few updates are made to the AVEVA Mobile Operator database schema and therefore, you must revalidate your database views after upgrading to AVEVA Mobile Operator 2020.

Troubleshooting Information

The following section provides information on troubleshooting issues related to this product.

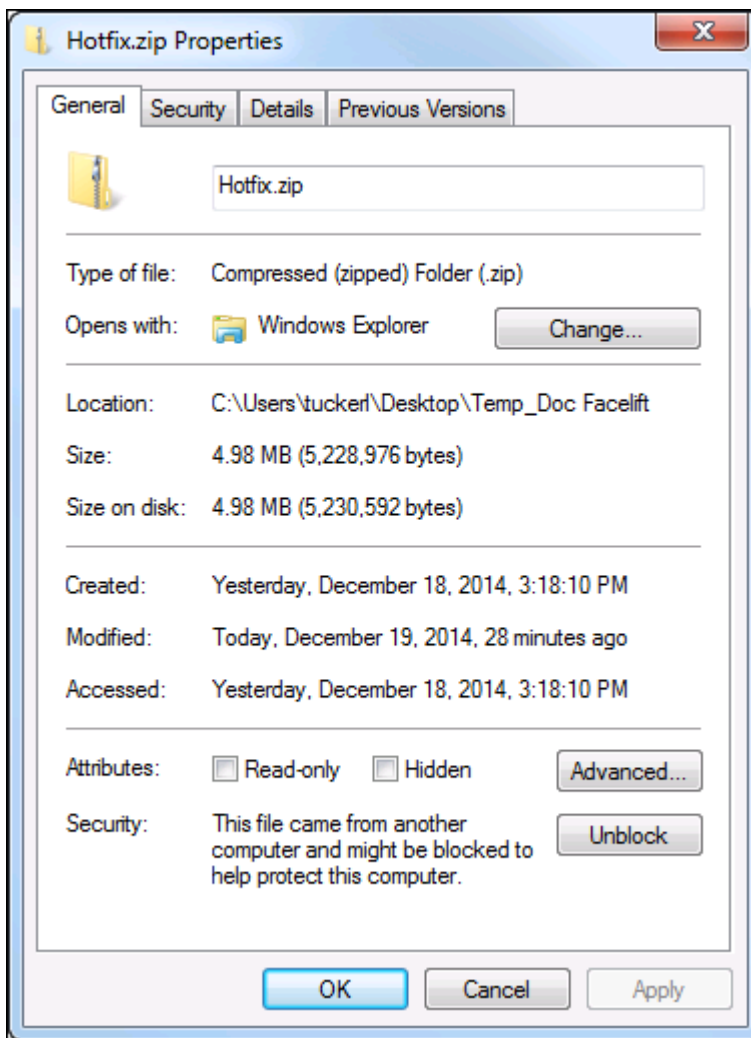
Unblocking Files

In some scenarios, files downloaded from the Internet can be marked "blocked" by the operating system. After downloading a file from the Internet, please ensure that it is unblocked by following the steps below.

To unblock a file downloaded from the Internet

1. Right-click the file in Windows Explorer and click **Properties**.

The Properties window for the file appears, displaying the **General** tab.



2. If the file is **not** blocked, the **Unblock** button does not appear, and the file may be opened and used properly.
3. If the file is blocked, the **Unblock** button appears as shown above. Click **Unblock**, and then click **OK**.

To prevent blocking from happening in the future, you can add the FTP site to your Trusted Sites list, or download the file either through File Explorer or an FTP client.