

## What's New in MobileTech 2024 (10.0)

Release Version: 2024 (10.0.63) Release Date: November 2024

## General

Case #	New Feature
MT-1159	We've added Department and Position to the Employee lookup when entering helper technician time entries. The lookup is searchable by name, department, and position. UseTechnicianHelper must be set to True in Mobile Device Global Settings <sup>1</sup> for technicians to be able enter time entries for technician helpers.
MT-1171	Technicians can now add multiple attachments at one time by selecting the new <b>Select Attachments</b> button on the Attachment form. If a description was entered before attaching the files, the description will apply to all the files. The description can be edited by selecting the specific file and then selecting <b>More</b> to enter a description for that attachment. As before, the type of file that can attached is dependent on the device hardware. Attachments can be added to service calls, appointments, equipment, locations, tasks, and time entries. See <u>Working With Attachments</u> <sup>2</sup> .
	Click to view screenshot.
	< Attachment
	Service Call * 170401-0012
	Modified Date *
	- Description -
	Select Attachments
MT-1175	The Synced Devices <b>Last Synchronized</b> column in MobileTech Admin has been updated to sort by DateTime to provide a more accurate sorting. Previously this was sorting the date as a string.

Export Date: 11/14/2024

<sup>1</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793197/Mobile+Device+Global+Settings

<sup>2</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797236/Working+With+Attachments

Case #	New Feature
MT-1184	We've added the Originating Service Call ID information to the MobileTech Service Call screen. This is a read only field and the information originates from Signature.
	Click to view screenshot.
	Caller Name Enter Caller Name
	Caller Phone Enter Caller Phone
	Caller Email Enter Caller Email
	Originating Call ID 231229-0003
	Service Call Appointment
MT-1201	Location attachments are now supported in MobileTech. Technicians can add, edit, or view attachments for service and job locations from the new Attachments tab from the Locations form. The attachments can be added from Signature or MobileTech. See <u>Working With Attachments</u> <sup>3</sup> .

 $<sup>{\</sup>tt 3\,https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797236/Working+With+Attachments}$ 

### Case # New Feature MT-1203, We've added a Jobs icon on the home screen that displays a list of jobs that can be selected to display more MT-1255 information or the technician can create a new job appointment for this job. Technicians can search and filter the list. The list can also be sorted by date or location. Technicians can display only the jobs on their device with DEVICE MODE or, by selecting SERVER MODE to search for a job in the Middle Tier or all active jobs in Signature depending on the setting for IncludeAllActiveJobs in Job Settings<sup>4</sup>. Searching using Server Mode requires an internet connection. See <u>Jobs and Job Appointments</u><sup>5</sup>. Technicians can now: • Create a new job appointment from the job list or the job appointment list. For information on how to create a new job appointment for a job, see <u>Create a Job Appointment</u><sup>6</sup>. • Create a labor time entry associated with a job instead of with a job appointment. 8 • Using SERVER MODE requires the UseServerMode option set to True in Mobile Device Global Settings in MobileTech Setup Options, See Mobile Device Global Settings<sup>7</sup>. • The default records fetched is 3, however, you can update this number using ServerJobCount in Job Settings<sup>8</sup>. • If you do not want your technicians to be able to create job appointments for the selected job, you can set AllowCreateJobAppointments to False in <u>Job Settings</u><sup>9</sup>. There is a new <u>Job Settings</u><sup>10</sup> section in MobileTech Setup Options: • ShowJobList: Determines if the Job icon displays on the Home screen. Technicians can select this to view the list of jobs on their devices. The default value is True. See Create a Job Appointment<sup>11</sup>. • IncludeAllActiveJobs: Determines if all active jobs from Signature display in the Job List. The default value is True. If False, only jobs with active appointments in MobileTech will display. • ServerJobCount: Determines the number of job records that are displayed when job data is requested from the server. The default value is 3. • AllowJobTimeEntries: Determines if technicians can create time entries for a job instead of the job appointment. The default value is **True**. See the description below for MT-1283. · AllowCreateJobAppointments: Determines if technicians can create job appointments in MobileTech. The default value is set to **True**. MT-1241 We've added a "+" button to the Tasks form to create a new piece of equipment. On the Tasks form, users can now access the Equipment form to create a new piece of equipment by selecting the + button to the right of the All Equipment dropdown. On the Equipment form, users can select the < button to return to the

<sup>4</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173670410/Job+Settings

<sup>5</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/122126378/Jobs+and+Job+Appointments

<sup>6</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/122322945/Create+a+Job+Appointment

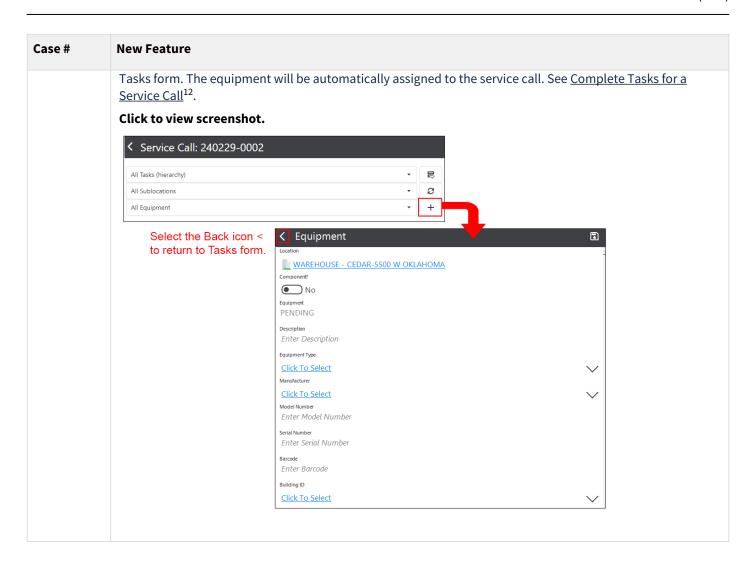
<sup>7</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793197/Mobile+Device+Global+Settings

<sup>8</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173670410/Job+Settings

<sup>9</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173670410/Job+Settings

<sup>10</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173670410/Job+Settings

<sup>11</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/122322945/Create+a+Job+Appointment



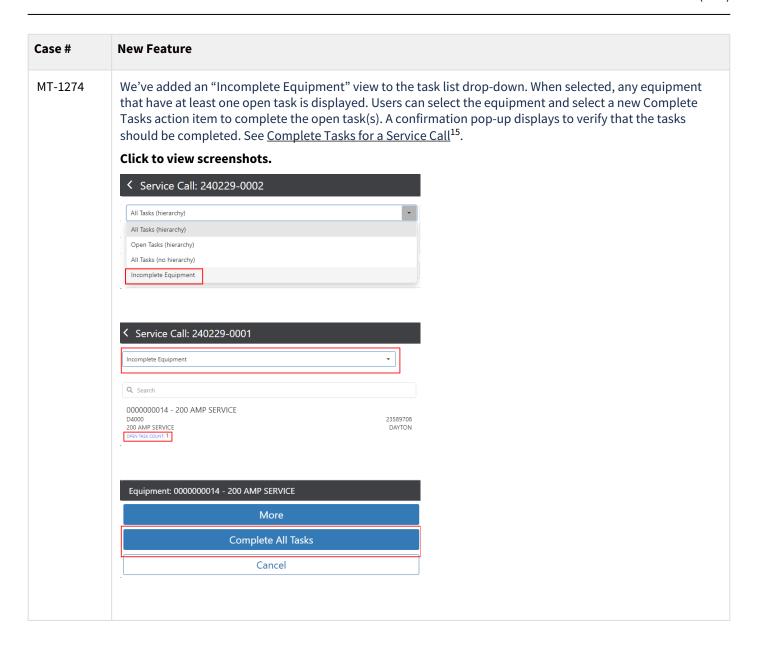
<sup>12</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797109/Complete+Tasks+for+a+Service+Call

## Case # New Feature MT-1238, When a technician assigns equipment to service calls, the associated equipment types' tasks can now be MT-1300, automatically assigned to the call instead of the DEFAULT task. MT-1647 Three new setup options were added to <u>Task Settings</u><sup>13</sup> in MobileTech Admin Setup Options. The default value is **False** for all three options. The value needs to be set to **True** to enable the feature. UseEquipmentAssignmentforMCC UseEquipmentAssignmentforMC • UseEquipmentAssignmentforNonMC To use the new functionality on the device, with the appropriate option(s)set to True and the call type selected matches the setting when assigning equipment to the call or creating new equipment: • The DEFAULT task will be created if the equipment type is NOT populated. • If the equipment type is populated: • If the equipment type has a task list, and the task list has records in the master tables, the related tasks, subtasks, and responses will be created instead of the DEFAULT task. • If the equipment type does not have a task list, the DEFAULT task will be created. Notes: • If the technician is creating a new piece of equipment and the setup option AllowModifiyNewEquipmentID = False, the task list on the task, task response, and subtask are not updated from PENDING until the next sync. • If the user does not sync after assigning the equipment to the service call, the user can unassign the equipment, and all related tasks, task responses, and sub-tasks are deleted. • The default task status assigned to any created task will be from the setup option DefaultTaskStatus.

<sup>13</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793363/Task+Settings

## Case # **New Feature** MT-1244 We've added a hyperlink on the Equipment field on the Task Details page to navigate directly to the equipment form allowing the user to modify the equipment record. Users can click the < button to return to the Task Details page. See Entering Task Details on Complete Tasks for a Service Call 14. **IMPORTANT**: If the **Sublocation** field is updated on the equipment form, only the equipment's sublocation is updated, the task sublocation is NOT updated for existing tasks (because this is a key segment). Any future created tasks will have the updated equipment sublocation. Click to view screenshot. 100 - Check Pump for Leaks < > Task Details MECHANICAL ROOM 0000000014 - 200 AMP SERVICE **<** Equipment **□** ≡ Task Code WAREHOUSE - CEDAR-5500 W OKLAHOMA Equipment 000000014 Select the Back icon < to return to Task Details. Enter Description 200 AMP SERVICE Manufacturer DAYTON D4000 23589708 Enter Barcode Click To Select Enter Building Room MECHANICAL ROOM 4/1/2026

<sup>14</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797109/Complete+Tasks+for+a+Service+Call

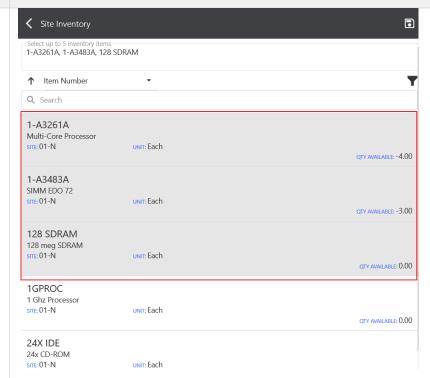


<sup>15</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797109/Complete+Tasks+for+a+Service+Call

## Case # **New Feature** MT-1254 When adding consumed inventory, technicians can now multi-select up to 5 site inventory items to add to the appointment. The quantities can be edited on the initial form and after the initial creation. See Enter an <u>Inventory Transaction Before Completing an Appointment <sup>16</sup>.</u> From the Inventory tab, technicians click the new **Select Inventory** button. Click to view screenshot. Inventory Appointment 240314-0001:0001 Transaction Date 3/15/2024 Equipment Click To Select $\oplus$ Cost Code MATERIAL Non Inventory No **Select Inventory** On the Site Inventory window, technicians can select up to 5 site inventory items. The selected items are highlighted in gray and displayed in the top preview section. To unselect an item, just click the item again. Select the Save icon to return to the Inventory form. Click to view screenshot.

<sup>16</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797905/ Enter+an+Inventory+Transaction+Before+Completing+an+Appointment

### Case # New Feature



• *If only one inventory item is added*, the Quantity, List Price, Unit Cost, List Price, and Description are displayed and can be edited.

The Price and Cost display is based on your company's setup option for ShowInventoryCost and ShowInventoryPrice.

- Quantity: Enter the number of units.
- Unit Cost: Enter the cost per unit. This field might not be displayed, depending on the setup.
- List Price: Enter the list price per unit. This field might not be displayed, depending on the setup. You can't enter negative list prices for items that have an item type of **Sales Inventory**, **Discontinued**, or **Kit**.
- **Description:** If you select a site inventory number, information about the item is displayed. If the transaction is for a non-inventory item, you can enter a description of the inventory transaction.
- If more than one inventory item is added, only the **Quantity** can be edited for the Site Inventory items displayed in the grid below the Select Inventory button. The price, cost, and description are not displayed and this will be auto-populated from the site inventory item.
  - If you need to change items, click the Select Inventory button again and you can make your changes.
  - You can edit the inventory item by saving the form and then opening the Inventory tab again. Then select the inventory item and edit as needed and then save the edits.

Case #	New Feature
MT-1257	We've added validation to the Task form so that if a technician has made changes on the task form and then selects the X to close the window, they will now be prompted to Save and Close, Discard Changes, or Continue Editing. See Complete Tasks for a Service Call <sup>17</sup> .
MT-1264	We've updated the Conflict Resolution to Device Wins for appointments, service calls, tasks, subtasks, and task responses. With this update to Device Wins, only the fields changed on the client are uploaded. If the changes on the server affected different fields than on the app, both changes are preserved. If the same field is changed in both databases, server values are overwritten.
	Previously, we were using Device Wins (Full), where the whole client record, including unchanged field values, is sent to the server. Server changes are lost.
	For more information, see <u>Conflict resolution - Resco's Wiki<sup>18</sup></u> (external link).
MT-1283	Technicians can now create a time entry for job labor without requiring a job appointment.
	This time entry can be created by accessing Time Entries or the Job List. See <u>Create Time Entry for Job Labor w/o Appointment</u> <sup>19</sup> .
	If you do not want your technicians to be able to create a time entry for jobs without an appointment, you can turn this feature off by setting the <b>AllowJobTimeEntries</b> in Job Settings to False. This option defaults to True. See <u>Job Settings</u> <sup>20</sup> .
	• Note: Manager Approval is not supported for this feature.

 $<sup>17\,</sup>https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104797109/Complete+Tasks+for+a+Service+Call$ 

<sup>18</sup> https://docs.resco.net/wiki/Conflict\_resolution

<sup>19</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173244417/Create+Time+Entry+for+Job+Labor+w+o+Appointment 20 https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/173670410/Job+Settings

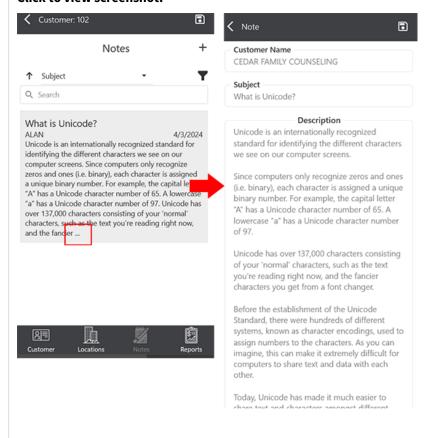
## Case # **New Feature** MT-1290 We've made notes more visible in MobileTech. • If an entity has a note attached, the background color is yellow. For example, if the customer has a note attached, the background color of the customer displayed on the service call form is yellow. • A note icon now displays to the right of any entity that supports notes (such as service appointments, locations, service calls, job change orders, equipment, and equipment contracts). This icon displays regardless of a note available. Users can select the note icon to open the notes form where a note can be added or the list of notes is displayed. Click to view screenshot. Service Call: 170401-0012 Customer 102 - CEDAR FAMILY COUNSE... Location MAIN OFFICE - CEDAR-15500... Service Call 170401-0012 **Date Opened** 4/1/2027 3:22 PM Call Type **MCC** (+)Problem Type **MAINTENANCE** Equipment 0000000012 Customer PO # Enter Customer PO # Description ULTIMATE CONTRACT

#### Case # New Feature

• The maximum number of characters displayed for each note in the list is 500 characters. If you would prefer to have more characters displayed, the **maxDisplayLength** value in the Resco Offline HTML file found at entity\notes\note-list.html can be edited.

If the note length exceeds the **maxDisplayLength**, "..." is added to the display to indicate more text is available for the note.

### Click to view screenshot.



MT-1324

We've added validation when creating maintenance contract (MC) service calls to align with the validation required in Signature. When a technician creates a new MC service call, they must add a piece of equipment covered by a maintenance contract.

If the technician creates a new MC service call and clicks Save, the call will not be created if:

- No equipment is selected. The message "Equipment is required for Call Type MC" is displayed.
- Equipment is added to the MC service call but isn't assigned to a contract. The message "Equipment must be covered by a contract for Call Type MC" is displayed.

Case#	New Feature
MT-1341	You can now enable a background sync when an appointment status is changed. When the status of an appointment is changed on the device, whether manually or automatically, a background sync is performed to push the data into Signature to get closer to real-time appointment status in the back office. You also have the option to send latitude and longitude values, if available, when the background sync is performed.
	Changes are not pushed if:
	<ul> <li>Appointment only exists in MobileTech (new appointment not synced yet)</li> <li>Appointment in Signature already has status "RE-ASSIGN" or "COMPLETE"</li> <li>Appointment in Signature has been assigned to another tech</li> <li>MobileTech Appointment Status is "DEFAULT" or "COMPLETE"</li> </ul>
	We've added two setup options to Mobile Device Global Settings <sup>21</sup> :
	<ul> <li>UseAppointmentStatusBackgroundSync:         Determines if a background sync is performed when the appointment status is changed manually or automatically on the device. This option requires an internet connection and applies to all appointment types. The default value is False. When this option is set to True, only the appointment status is pushed during the background sync.     </li> <li>IncludeLocationWithAppointmentStatusSync         Determines if latitude and longitude are included in the automatic background sync. This option applies to job and service appointments. The default value is False. This option is enabled when     </li> </ul>
	UseAppointmentStatusBackgroundSync is set to <b>True</b> . When both options are set to <b>True</b> , only the appointment status and GPS information is pushed during the background sync.

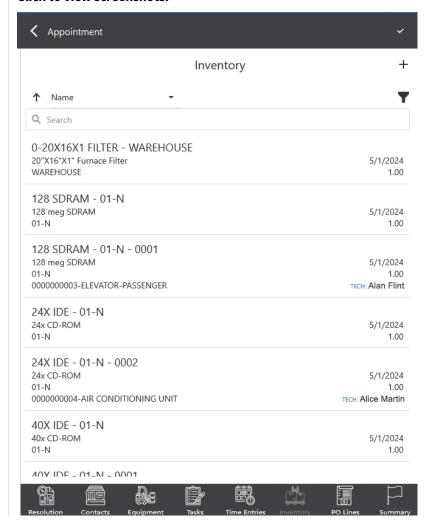
 ${\tt 21\,https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793197/Mobile+Device+Global+Settings}$ 

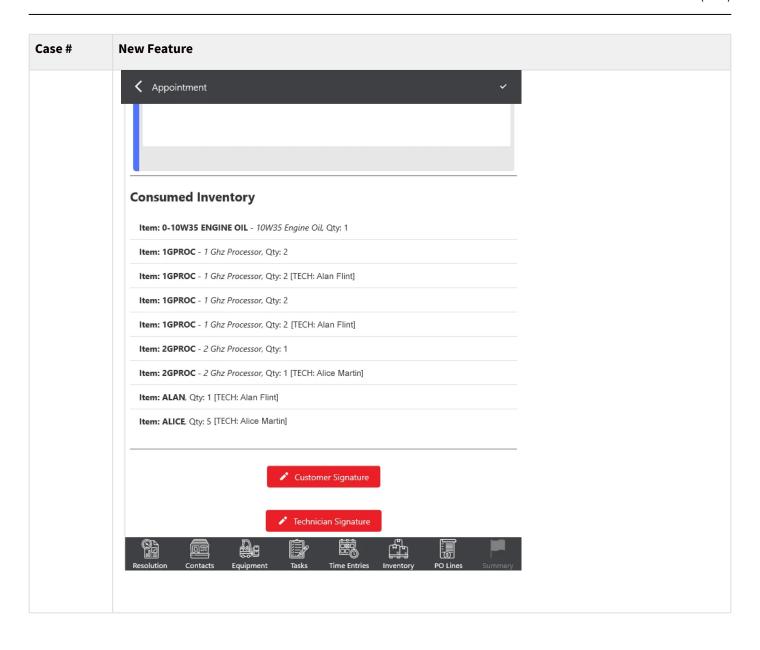
### Case # New Feature

MT-1386

Technicians can now view inventory added to a service call by other technicians and from the Signature back office from the Appointment Completion form for service appointments when they select the Inventory tab. The inventory items are read-only. The technician's name is displayed on the list view and the Summary tab. (If the employee name isn't available the GP Technician ID displays.) This is only for service appointments. Job appointments will only show inventory added to that job appointment by the current technician and from the Signature back office.

#### Click to view screenshots.



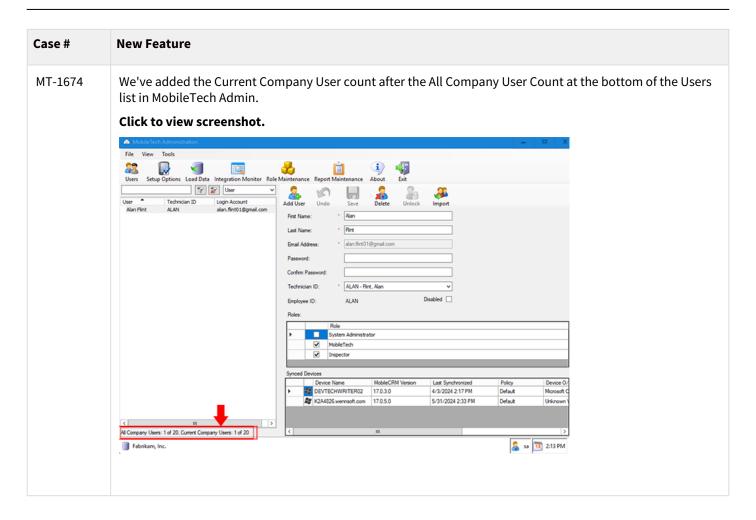


#### Case # New Feature MT-1411 The legacy job safety audit (JSA) report request has been added to the existing **UsedEventBasedSync** setup option in Mobile Device Global Settings<sup>22</sup>. For the JSA Report: • True: If UseEventBasedSync is set to True, when a technician requests the JSA report, the Sync window opens. If there are pending changes to the Appointment form, the technician is prompted to save or discard the appointment changes before the sync window opens. • False: If this option is set to False, technicians will see the following message "Job Safety Report will be available upon next Sync." When set to True, this setup option prompts technicians to sync their device after a: A service call is created. • An appointment is created or completed. • A timesheet report is requested. • A legacy job safety audit (JSA) report is requested. A piece of equipment is created. A payment has been applied to a field invoice. • A purchase order is created. MT-1415. You can now define any Summary report (Call Summary, Appointment, or Job Appointment) for a specific MT-1727 customer and/or a customer location. You can also filter to a specific Call Type and/or Division for the Summary report the customer receives. This lets you customize the Summary report for your customer's needs. For example, the type of report they receive, the subject line, and the body of the email. See Set Up Report Email Options<sup>23</sup>. Note: You can define a summary report for one or more customers and/or a customer location (each a separate report line) and have a < Default > summary report line for all other customers to receive. For example, you define the Call Summary report for customer 102 and also have the <Default> call summary report. Only customer 102 will get their unique report and all other customers will receive the default Call Summary report. Click to view screenshot. |4 4 |8 of8 | ▶ ▶|| | 💠 🗙 🖑 🗐 📲 Appointment Type Call Type Report Source Division ▼ - Blank -Call Summary - Blank · ANNUAL SERVICE · SERVICE COM 102 - CEDAR FAMILY COUNSELING - 102 - MAIN OFFICE (CEDAR-15500 CLE Call Summary ▼ Service ▼ - Blank -▼ - Blank -Default - ▼ - Default ▼ Service ▼ - Blank → Blank - Default Job Safety Audit Default - Blank Employee Time Sheet < <Al> ▼ - Blank Default - Default Appointment Summary ■ Blank ▼ - Blank -101 - ACCURATE PRINTING → Default Job Appointment Summary Job Cost → Blank → - Blank ▼ - Default

<sup>22</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793197/Mobile+Device+Global+Settings 23 https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793688/Set+Up+Report+Email+Options

Case #	New Feature
MT-1577	You can now specify to hide site inventories if the item has a negative or zero quantity. We've added a new <b>AllowNegativeSiteQty</b> option to <u>Inventory Settings</u> <sup>24</sup> . This option defaults to <b>True</b> to remain consistent with existing functionality that shows the negative or zero quantity items. The new setup option is enabled if ShowInventorySiteQtyAvailable is set to True.
	<ul> <li>True: When set to True, users can see and select an item, regardless of the available quantity.</li> <li>False: When set to False, the item is not displayed if the site inventory has a zero or negative quantity for an item</li> </ul>
MT-1562	Starting with the Signature 2024 release, you have the option to store attachments to Azure Cloud Storage (either WennSoft-hosted or self-hosted). Once you've set up Azure Cloud Storage in Signature, your MobileTech attachments will also use Azure Cloud storage. For more information, see the Signature 2024 What's New document.
	We've added a new read-only <b>DefaultDocumentCategory</b> setup option to MobileTech Global Settings. This setting shows the Default Storage Location selected in Signature 2024's new Document Storage Setup window.
	<ul> <li>Copy File</li> <li>Attach File</li> <li>Copy To Database: If your Signature version is earlier than 2024, this option is the default.</li> <li>Cloud Storage</li> </ul>
	When a technician updates an attachment that is stored locally and not in the cloud, MobileTech will update the local version and this will not be uploaded to the cloud.

<sup>24</sup> https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793495/Inventory+Settings



# **Resco Inspections**

Case #	Description
MT-1168	<b>IMPORTANT</b> : Due to issues with Resco licensing where the Inspection license is assigned to any technician who syncs with a project that has Inspections even if they are not assigned the Inspector Role, you need to have two Woodford projects (one for Inspections, one for non-Inspections). See <a href="Import the MobileTech Woodford Project">Import the MobileTech Woodford Project</a> for the updated steps for creating a child project and importing the Inspections project.
	Having the Inspections Woodford project as a "child" project of the Non-Inspection Woodford "parent" project allows you to make changes to the "parent" project and changes are automatically rolled down to the "child" project when you select to "Publish All". You will not have to make customization changes on two Woodford projects.
	Note that if customizations are made to the "child" project, the link the "parent" project will be broken.
	⚠ IMPORTANT  With this change, technicians must be assigned to either the MobileTech role or Inspector role, but not both roles. The assigned role determines which project the technician syncs their device to.
MT-1174	Resco is deprecating the Auto Dashboard due to a lack of people using it. We've removed the Auto Dashboard from our Manager Woodford project. For more information, see <a href="https://docs.resco.net/wiki/Automatic_Dashboard">https://docs.resco.net/wiki/Automatic_Dashboard</a> .

 $<sup>25\,</sup>https://wennsoft.atlassian.net/wiki/spaces/MT2024/pages/104793945/Import+the+MobileTech+Woodford+Project$ 

Case #	Description
MT-1215	Additional new features from <b>Resco's Winter 2024 Release</b> <sup>26</sup> :
	Resco mobile platform
	Al-assisted help in Woodford
	Data model explorer
	Migration from Xamarin to .NET platform
	Sync improvements     Sync art for pay languages
	<ul> <li>Support for new languages</li> <li>Bring some color to flexible forms</li> </ul>
	Code editor in Woodford
	Not older than X days
	Display options as segmented buttons
	Display multi-dropdown as "chips"
	Storage analyzer: questionnaire statistics
	Save photos to device gallery
	<ul> <li>JSBridge: Is the question answered?</li> </ul>
	<ul> <li>Inspections and questionnaires</li> </ul>
	<ul> <li>Use optical character recognition (OCR) to answer questions</li> </ul>
	Export and import wizard
	Questionnaire options
	Complete questionnaire and open a new instance     Which arrays to convin spreadable groups?
	<ul> <li>Which answers to copy in repeatable groups?</li> <li>Access style editor from style selector</li> </ul>
	Resco Cloud
	Web app modernized
	Improved cloning/pulling from connected environments
	Custom fonts in server reports
	Resco CRM Sync: upload filter
	For information including a YouTube demonstration from Resco, please go to <a href="https://docs.resco.net/wiki/Releases/Winter">https://docs.resco.net/wiki/Releases/Winter</a> 2024.

<sup>26</sup> https://docs.resco.net/wiki/Releases/Winter\_2024

Case #	Description
MT-1336	Additional new features from <b>Resco's Spring 2024 Release</b> <sup>27</sup> :
	<ul> <li>Resco mobile platform (Microsoft, Resco Cloud)</li> <li>Geofencing</li> <li>JSBridge upgrade for web app</li> <li>Microsoft Store app: switch to WebView2</li> <li>OCR in forms</li> <li>Too much flexibility in the forms</li> <li>View designer redesigned</li> <li>View designer: responsive resize</li> <li>View designer: custom map pin</li> <li>Woodford: find fields used in the mobile app</li> <li>Woodford: more clarity into "Project Default"</li> <li>Newly supported FetchXML operators</li> <li>Monitor progress when publishing projects</li> <li>Housekeeping: .NET 8</li> <li>Clearer feedback for user actions</li> <li>(iOS) nicer dropdown lists</li> <li>Inspections and questionnaires (Microsoft, Resco Cloud)</li> <li>Mark mandatory questions</li> <li>Support for zero instances for repeatable group</li> <li>Define score ranges for group results</li> <li>Questionnaire Designer improvements</li> <li>Save answers to a different table</li> <li>Questionnaire integrity check</li> </ul>
	For information including a YouTube demonstration from Resco, please go to <a href="https://docs.resco.net/wiki/Releases/Spring_2024">https://docs.resco.net/wiki/Releases/Spring_2024</a> .
MT-1410, MT-1543	<ul> <li>We've added new steps in the Middle Tier Database Clean Up Job to remove inspection attachments and entities.</li> <li>Inspection attachments: This will only clean up records where the attachment is saved in Signature for a related entity (service call, appointment, job, job appointment, equipment, or customer).</li> <li>Inspection entities: <ul> <li>Removes any related entities for JSA inspections where the created date is older than 14 days.</li> <li>Removes any orphaned child inspection entities for any inspection, not just JSA inspections.</li> </ul> </li> <li>You will need to create a new cleanup job in MobileTech Admin to add these new cleanup steps. For more information, see Create a Cleanup Job for the Middle-Tier Database<sup>28</sup>.</li> </ul>