

MCL Technologies

# Release Notes

## *MCL-Agent 4.10*

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TECHNOLOGIES



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## *MCL-Agent 4.10 Update Packages*

### 1. Package Details

<b>Package #</b>	<b>MCL-Agent version</b>	<b>Release Date</b>	<b>Scope</b>
<a href="#">P121</a>	4.10.121.26877	15/10/2021	<i>Motorola MC18 CE7</i>
<a href="#">P120</a>	4.10.120.26835	07/10/2021	All supported <i>Android</i> devices
<a href="#">P110</a>	4.10.110.26696	16/09/2021	All supported <i>Android</i> devices
<a href="#">P100</a>	4.10.100.26597	27/07/2021	All supported <i>Android</i> devices
<a href="#">P90</a>	4.10.90.26486	01/07/2021	All supported devices except <i>Windows 10</i> devices
<a href="#">P82</a>	4.10.82.26412	18/06/2021	All supported <i>Windows</i> devices
<a href="#">P80</a>	4.10.80.26333	02/06/2021	All supported devices except <i>Generic Windows 10</i>
<a href="#">P70</a>	4.10.70.26195	30/04/2021	All supported <i>Android</i> devices
<a href="#">P51</a>	4.10.51.26040	02/04/2021	All supported <i>Windows</i> devices
<a href="#">P50</a>	4.10.50.25913	16/03/2021	All supported <i>Android</i> devices
<a href="#">P41</a>	4.10.41.25803	08/03/2021	<i>Panasonic FZ-N1 Android 9</i> <i>Zebra TC20 Android 8</i>
<a href="#">P40</a>	4.10.40.25770	10/02/2021	All supported <i>Android</i> devices
<a href="#">P31</a>	4.10.31.25605	15/12/2020	<i>Datalogic Memork Android 9</i> <i>Zebra TC21 Android 10</i> <i>Zebra TC26 Android 10</i> <i>Zebra MC2200 Android 10</i> <i>M3 Mobile SM15 Android 8</i>
<a href="#">P30</a>	4.10.30.25562	02/12/2020	All supported <i>Android</i> devices
<a href="#">P20</a>	4.10.20.25466	30/10/2020	All supported <i>Android</i> devices



<a href="#">P02</a>	4.10.02.25350	02/10/2020	All supported <i>Android</i> devices
<a href="#">P01</a>	4.10.01.25284	11/09/2020	<i>Cipherlab RX25 Android 9</i>



## 2. *MCL-Agent 4.10.121.26877* Update (P121)

### 2.1 New Devices

- ✓ MOT\_MC18\_CE7

## 3. *MCL-Agent 4.10.120.26835* Update (P120)

### 3.1 New Devices

- ✓ HON\_CT40XP\_AD10
- ✓ HON\_CT45\_AD11
- ✓ HON\_CT45XP\_AD11

### 3.2 Enhancements

- System (*Android 9*): Added support in *Android 9* devices for the parameter "Kiosk.DisableHome". This parameter is used to define *MCL* as device owner (default value is "Yes").

### 3.3 Bug Fixes

- Staging: Fixed issue that occasionally prevented the scanning of the Staging QR Code during Automatic Staging/Pairing.
- System (*Zebra Android*): Fixed issue that affected *Zebra Android* devices - the device would provide incorrect battery health related information to the *MCL-Mobility Platform* account.
- System (*Samsung Android 5*): Fixed *App Desktop* crash that occurred in *Samsung* devices running *Android 5* after an *MCL-Agent* update.
- System: Fixed issue that caused the device to report an incorrect IP address instead of the IP address of the currently active network.

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## 4. *MCL-Agent 4.10.110.26696* Update (P110)

### 4.1 New Devices

- ✓ ZBR\_CC605\_AD10
- ✓ ZBR\_CC610\_AD10

## 5. *MCL-Agent 4.10.100.26597* Update (P100)

### 5.1 New Devices

- ✓ PAN\_FZL1\_AD8
- ✓ SAM\_SMG525F\_AD11 (XCover5)

### 5.2 New Features

- Authentication: Added support for authentication via Client Certificates in *Android* devices.

### 5.3 Enhancements

- System (*Zebra Android* devices): Now, pressing the Home button when Kiosk Mode is enabled in *Zebra Android* devices does NOT allow the operator to return to the *MCL App Desktop* environment/close the current application – the Home button has no function if Kiosk Mode is enabled.

### 5.4 Bug Fixes

- *App Desktop*: Fixed an issue that occurred when Kiosk Mode was enabled and *MCL App Desktop* was set as Device Owner – it would allow access to the notification panel when a third-party application was launched.

## 6. *MCL-Agent 4.10.90.26486* Update (P90)

### 6.1 Enhancements

- *App Desktop*: Added support for *Android 5, 6* and *7* devices to allow temporary access to an external activity (**ex: making or receiving a phone call**) when device has Kiosk mode enabled via device owner method.

### 6.2 Bug Fixes

- *App Desktop*: Fixed issue that prevented the use of *App Desktop's* sticky notification icon.
- *MCL-Agent* Script: Fixed an issue that affected the timing for the device status info to be sent to *MCL-Mobility Platform*.

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- *MCL-Agent* Script: Fixed an issue that occurred when enabling or disabling Device Status Reporting per category.
- System (*Samsung Android*): Fixed an issue that affected the activation of the KNOX license in devices with an *Android 7* or lower *Android* operating system.
- Minor Bug Fixes in *MCL-Agent* Script.

## 7. *MCL-Agent 4.10.82.26412* Update (P82)

### 7.1 Bug Fixes

- Filebox (*Windows*): Fixed issue that generated an incorrect date/time metadata in a file.
- Filebox (*Windows*): Fixed synchronicity issues between devices and *MCL-Mobility Platform* (**ex:** [issue when the device attempted to upload empty files onto the \*MCL-Mobility Platform\* account](#)).
- System (*Windows*): Fixed issue that prevented an effective *MCL-Agent* upgrade in *Windows 10* devices.

## 8. *MCL-Agent 4.10.80.26333* Update (P80)

### 8.1 Enhancements

- Staging (*Zebra Android*): Now, *App Desktop* is able to process *StageNow* profiles. To do so, the "\*.xml" file created by *StageNow* must be renamed with an ".mprf" extension and placed in the "<INSTALL>" folder.

### 8.2 Bug Fixes

- *App Desktop* (*Windows*): Fixed focus issue between *MCL-App Desktop* and *MCL-Client* which kept the focus on *MCL-App Desktop* after launching an *MCL* application.
- Minor bug fixes.

## 9. *MCL-Agent 4.10.70.26195* Update (P70)

### 9.1 New Feature

- Services (*Android*): Added support for the *E-Sync* Service. This new feature collects statuses from various elements (*MCL App Desktop* events, *MCL* application events, Device statuses, etc.) and sends them to the *MCL-Mobility Platform*.

### 9.2 Enhancements

- Services (*Android*): The *MCL-Agent* script of the *MCL-Mobility Platform* services (**ex:** [Filebox Service](#), [Business Analytics Service](#)) has been revised.

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## 9.3 Bug Fixes

- Minor bug fixes.

## 10. *MCL-Agent 4.10.51.26040* Update (P51)

### 10.1 Enhancements

- System: Restructured *MCL-Client* for *Windows* (**ex:** *Windows 10* refactoring).

### 10.2 Bug Fixes

- Alias (*Windows*): Changed location for the alias <OPERATORS>. Now, it is located in "<MCL>\Operators" instead of "<VOICE>\Operators", due to admin rights restriction on the "Program Files" folder.
- System (*Windows*): Fixed issue that affected the display of the Battery Icon in the screen's upper Tool Bar – it would not display the compatible icon state to the device's current power situation.
- System (*Windows*): Fixed issue that sometimes prevented the "MCL\_" prefix from being applied to the device platform code, if using a Generic *Windows MCL-Client* or *MCL-Agent*.
- System (*Windows*): Fixed issue that affected the use of some undefined system aliases.
- Minor bug fixes.

## 11. *MCL-Agent 4.10.50.25913* Update (P50)

### 11.1 New Devices

- ✓ M3M\_M3US20X\_AD10

### 11.2 Bug Fixes

- Minor bug fixes.

## 12. *MCL-Agent 4.10.41.25803* Update (P41)

### 12.1 Enhancements

- *App Desktop*: Added parameter that can be used to prevent *MCL* from starting too early, meaning, when the device is still finalizing the Boot operation.

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## 13. *MCL-Agent 4.10.40.25770* Update (P40)

### 13.1 New Devices

- ✓ M3M\_SL10K\*\_AD8

### 13.2 Bug Fixes

- *App Desktop (Android)*: Fixed crash caused by the use of a placeholder in the parameter "Desktop.Title".
- Staging (*Zebra* devices ONLY): Fixed an issue affecting *Zebra* devices that prevented proxy setup during the staging process.
- Staging (*Android*): Fixed issue that caused a connection failure when attempting to set a new Wifi profile in a device during the staging process.
- Other minor bug fixes.

## 14. *MCL-Agent 4.10.31.25605* Update (P31)

### 14.1 New Devices

- ✓ DTL\_MEMORK\_AD9
- ✓ ZBR\_TC21\_AD10
- ✓ ZBR\_TC26\_AD10
- ✓ ZBR\_MC2200\_AD10
- ✓ M3M\_SM15\_AD8

## 15. *MCL-Agent 4.10.30.25562* Update (P30)

### 15.1 Bug Fixes

- System (*Android*): Fixed issue that caused an *MCL-Agent* memory leak.
- System (*Zebra Android* devices): Fixed an issue in some *Zebra* devices that exposed the ESN as a long Base64 string.

## 16. *MCL-Agent 4.10.20.25466* Update (P20)

### 16.1 Bug Fixes

- *App Desktop (Android)*: Fixed an issue that occurred when clicking an application icon. Now, the operator hears an audio feedback when starting an application.
- *Kiosk Mode (Android)*: Fixed an issue that prevented the return to *App Desktop* when pressing the "recent apps" button.

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## 17. *MCL-Agent 4.10.02.25350* Update (P02)

### 17.1 New Devices

- ✓ PAN\_FZA3\_AD9

### 17.2 Enhancements

- *App Desktop* (*Android 8* or higher): Revised the behavior of *MCL/External Applications* when “Kiosk Mode” is enabled (Requires *MCL-Client* version 4.10P02 and above):
  - Now, external apps can be started as expected when running Kiosk Mode in “device owner mode”.
  - Apps that are meant to launch programmatically (when listed in a specific configuration file) or via shortcut icons in *App Desktop*, are automatically allowed to do so.

### 17.3 Bug Fixes

- *Toolbar*: Fixed issue that resulted in the display of an incorrect 4G Network Signal level in the *App Desktop's* status bar and when running an application.

## 18. *MCL-Agent 4.10.01.25284* Update (P01)

### 18.1 New Devices

- ✓ CPH\_RX25\_AD9

### 18.2 Enhancements

- *System*: Added support for *Android 10*.
- *System*: Added support for Runtime permissions. Before, permissions were granted when the packages were installed. Now, permissions are given by the user when the application needs access to device features such as camera, microphone, GPS, etc.  
It is possible to grant permissions to the user, beforehand, in the *App Desktop* menu (“Permissions” option).
- *App Desktop*: Now, it is possible to use more system variables for *the App Desktop Title* (**Ex:** “USR.\*”, “ADM.\*” [system variables](#)). For more information, log in to our *MCL Knowledge Base* and access the related article [HERE](#).
- *App Desktop*: Now, if the ESN cannot be retrieved, for security reasons, the “ESN” entry of the “Device Info” screen is hidden (**ex:** [this can occur in generic devices](#)).

### 18.3 Bug Fixes

- *App Desktop*: Fixed an issue that caused unwanted screen rotation when navigating between screens in the *App Desktop* environment (**ex:** “Device Info”, “Staging”).

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