

MCL-Technologies

Release Notes

MCL-Agent 4.8

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TECHNOLOGIES



Contents

- 1. Package Details 3**
- 2. *MCL-Agent 4.8.151.24181* Update (P151) 4**
 - 2.1 Bug Fixes 4
- 3. *MCL-Agent 4.8.150.24105* Update (P150) 4**
 - 3.1 Enhancements 4
 - 3.2 Bug Fixes 4
- 4. *MCL-Agent 4.8.140.24019* Update (P140) 4**
 - 4.1 Enhancements 4
 - 4.2 Bug Fixes 4
- 5. *MCL-Agent 4.8.110.23430* Update (P110) 5**
 - 5.1 Enhancements 5
 - 5.2 Bug Fixes 5
- 6. *MCL-Agent 4.8.100.23165* Update (P100) 5**
 - 6.1 Enhancement 5
- 7. *MCL-Agent 4.8.90.23026* Update (P90) 5**
 - 7.1 Bug Fixes 5
- 8. *MCL-Agent 4.8.80.22779* Update (P80) 5**
 - 8.1 Bug Fixes 5
- 9. *MCL-Agent 4.8.70.22573* Update (P70) 5**
 - 9.1 Bug Fixes 5
- 10. *MCL-Agent 4.8.60.22387* Update (P60) 6**
 - 10.1 Bug Fixes 6
- 11. *MCL-Agent 4.8.51.22072* Update (P51) 6**
 - 11.1 New Devices 6
 - 11.2 Enhancements 6
- 12. *MCL-Agent 4.8.50.22036* Update (P50) 6**
 - 12.1 Enhancements 6
 - 12.2 Bug Fixes 6
- 13. *MCL-Agent 4.8.40.21818* Update (P40) 6**
 - 13.1 Enhancements 6
 - 13.2 Bug Fixes 6



- 14. *MCL-Agent 4.8.31.21608* Update (P31).....7**
 - 14.1 Bug Fixes.....7**
- 15. *MCL-Agent 4.8.30.21589* Update (P30).....7**
 - 15.1 New Features7**
 - 15.2 Enhancements.....7**
 - 15.3 Bug Fixes.....7**

MCL-Agent 4.8 Update Packages

1. Package Details

Package #	MCL-Agent version	Release Date	Scope
P151	4.8.151.24181	14/02/2020	<i>Zebra/Motorola Android Samsung Panasonic Android Supported Devices</i>
P150	4.8.150.24105	07/02/2020	<i>Zebra/Motorola Android Samsung Panasonic Android Supported Devices Recalled</i>
P140	4.8.140.24019	23/01/2020	<i>Zebra/Motorola Android Supported Devices</i>
P110	4.8.110.23430	29/10/2019	<i>All Android Supported Devices</i>
P100	4.8.100.23165	30/09/2019	<i>All Supported Devices</i>
P90	4.8.90.23026	02/09/2019	<i>All Supported Devices</i>
P80	4.8.80.22779	12/07/2019	<i>All Supported Devices</i>
P70	4.8.70.22573	17/06/2019	<i>All Supported Devices</i>
P60	4.8.60.22387	15/05/2019	<i>All Supported Devices</i>
P51	4.8.51.22072	02/04/2019	<i>All Datalogic Android</i>
P50	4.8.50.22036	28/03/2019	<i>All except Datalogic Android</i>
P40	4.8.40.21818	01/03/2019	<i>All except Datalogic Android; M3 Android; Unitech PA720 Android</i>
P31	4.8.31.21608	05/02/2019	<i>Zebra/Motorola Android</i>
P30	4.8.30.21589	04/02/2019	<i>All except Unitech Android; Zebra/Motorola Android</i>



2. *MCL-Agent 4.8.151.24181* Update (P151)

2.1 Bug Fixes

App Desktop: Fixed an issue that prevented the Operator Login process from completing properly.

3. *MCL-Agent 4.8.150.24105* Update (P150)

3.1 Enhancements

- *App Desktop (Samsung)* – Now, the "Knox Version" option of the "Device Info" screen displays the version of the "Knox Platform" (previously, it referenced the version of the "Knox SDK").
- *System (Samsung)*: Added support for *Samsung Knox-Platform 2.0*. which is required for devices that are running or will be upgraded to *Android 10*.
MCL-Client version *4.08P140* or above is also required.
- *System (Samsung Android 9)*: Now, *MCL* applications running in the background are no longer shut down by devices with an *Android 9 Operating System*. This enhancement is enabled, by default – to disable it in *Samsung Android 9* devices, please, contact *MCL Support*.
MCL-Client version *4.08P150* or above is also required.
There is a known issue in *Android 9* devices, related to this enhancement, that affects *MCL App Desktop* when *Kiosk Mode* is NOT enabled: if an operator switches from an *MCL* application to another one via the "Home" button or list of recent applications and, then, switches back to the *MCL* application, on exiting the *MCL* application, the operator will be directed to the *Android* desktop instead of to *MCL App Desktop*.

3.2 Bug Fixes

- *System (Zebra Android)*: Fixed a potential crash when switching from the *MCL* application to 3rd party applications and back (via the "Home" button or list of recent applications).
- *Pairing*: Fixed an issue that caused an *Android 9* device to lose its pairing with the *MCL-Mobility Platform* because its *OS* unmounted the partitions where *MCL* was installed.

4. *MCL-Agent 4.8.140.24019* Update (P140)

4.1 Enhancements

- *System (Zebra Android)*: Now, *MCL* applications running in the background are no longer shut down by the device's *Operating System*. This enhancement is enabled, by default – to disable it in *Zebra* devices, please, contact *MCL Support*.

4.2 Bug Fixes

System (Android 8): Fixed issue that, occasionally, prevented *MCL-Agent* from communicating with *MCL-Mobility Platform* after a reboot.

[Back to Package Details](#)



5. *MCL-Agent 4.8.110.23430 Update (P110)*

5.1 Enhancements

- Firmware (*Zebra Android*): Now, it is possible to deploy and install manufacturer firmware patches using *MCL-Mobility Platform*. For more details, check *MCL's* Knowledge Base for the corresponding [article](#).

5.2 Bug Fixes

- Remote Control: Fixed a random disconnection of the Remote Control session.

6. *MCL-Agent 4.8.100.23165 Update (P100)*

6.1 Enhancement

- *Date/Time Sync*: Improved the synchronization of the device's Date and Time with the *MCL-Mobility Platform*. Before, after a reboot, some devices would initiate with a Date and Time in the past and could not reconnect with the *MCL-Mobility Platform*.

7. *MCL-Agent 4.8.90.23026 Update (P90)*

7.1 Bug Fixes

- *App-Desktop (Android)*: Fixed issue that would enable the "Automatic date & time" setting, by default, in the *Operating System*. Correct behavior is to leave the setting unchanged, if not specified in the service parameter.
- System (*Android*): Fixed a potential crash detected when a device is shutting down.

8. *MCL-Agent 4.8.80.22779 Update (P80)*

8.1 Bug Fixes

- *App Desktop (Windows)*: Fixed issue that caused Runtime not to restart properly and the "Settings" parameter not to reload.

9. *MCL-Agent 4.8.70.22573 Update (P70)*

9.1 Bug Fixes

- GUI: Fixed typo in *App Desktop's* screen ("unregistred" -> "unregistered").
- Pairing: (*Android*) Fixes in the Manual Pairing procedure.

[Back to Package Details](#)



10. *MCL-Agent 4.8.60.22387* Update (P60)

10.1 Bug Fixes

- Remote Control: Fixed issue regarding the remote control session – the session did not always close properly in the device, if there was a persistent network/authentication error when attempting to communicate with *MCL-Mobility Platform*.

11. *MCL-Agent 4.8.51.22072* Update (P51)

11.1 New Devices

- *Datalogic MEMOR 10 Android 8*

11.2 Enhancements

- Added support of a “Silent Install” for all *Datalogic Android* devices.

12. *MCL-Agent 4.8.50.22036* Update (P50)

12.1 Enhancements

- *Admin: (Android)* Added support for the *StartActivity* and *StartActivityForResult* *Android* intents in the *MCL-Agent* script.

12.2 Bug Fixes

- *App Desktop: (Windows)* Fixed “Full Screen” implementation issue in *Windows CE*. When *MCL* runs in “Full Screen”, this could lead to the loss of keyboard keys (physical and/or virtual).

13. *MCL-Agent 4.8.40.21818* Update (P40)

13.1 Enhancements

- Remote Control: Enabled *Android* Capture Mode for compatible manufacturers (*Panasonic* and *Honeywell* with *Android 5+*). Now, it is possible to remotely view and control the device outside the *MCL* environment.

13.2 Bug Fixes

- *App Desktop:* Application launch issue due to Screen Shutdown is fixed – Now, the *MCL* Login App (or another App defined to start automatically) is not launched, when the screen has been shut down using the “power” button.
- *App Desktop:* The Navigation Dots (created when there are too many apps to be displayed at the same time) are no longer visible below status messages (for instance, under a “Disabled” message, if the device is disabled).

[Back to Package Details](#)



- Remote Control: (*Windows ONLY*) Fixed memory leak issue when initiating a remote control session in the *MCL-Mobility Platform* that uses the "public network mode".

14. *MCL-Agent 4.8.31.21608* Update (P31)

14.1 Bug Fixes

- APK: fixed the broken apk package for *Zebra* devices.

15. *MCL-Agent 4.8.30.21589* Update (P30)

15.1 New Features

- Added support for *MCL-Mobility Platform v1.4* (*MCL-Agent v4.8* is only compatible with *MCL-Mobility Platform* accounts *v1.4* or higher).
- Added support for *Messagebox Service* (requires *Mobility Platform v1.4* and higher).
- *App Desktop*: "loader.ini" is discontinued for *MCL-Mobility Platform* accounts *v1.4* or higher.

15.2 Enhancements

- *App Desktop*: On Standard *MCL-Client*, irrelevant information removed from "Device Info".
- *App Desktop*: *Android* Default Home Launcher setting can be controlled via a parameter file.
- Staging: (*Android*) Set TimeZone / NTP Info.

15.3 Bug Fixes

- *App Desktop*: fixed an issue that caused the "Installation in progress..." dialog not being dismissed in some cases.
- *App Desktop*: fixed the wrong application name wrapping (*Windows*).
- *App Desktop*: fixed an issue in an *App Desktop* timer (*Windows*).
- Custom PDK: fixed the broken application icon.
- *Kiosk Mode*: *App Desktop* can now be set as Home activity (*Honeywell Android*).
- *Kiosk Mode*: Fixed an issue that prevented the system from working properly upon a reboot (*Panasonic* devices).
- *Kiosk Mode*: Fixed an issue that allowed users to access *Google Now* (*Zebra Android 8*).
- Network info: Fixed an issue that prevented a long IP address to be displayed correctly.
- Remote Control: Fixed the black border to the right of the image that could appear in some devices.
- Toolbar: (*Android*) fixed an issue that prevented the time to be updated properly after changing timezone at *OS* level.
- Toolbar: fixed an *App Desktop* issue where the Wifi and battery icons were not correctly refreshed (*Samsung Android 8*).

[Back to Package Details](#)