

Release Notes - Sol/Max Emulations as an Android app

Orderman Emulations Package V2.0.1-19

Classic Proxy 2.0.1-x

We've completely rebuilt the application from the ground up to significantly improve stability, security, and overall performance.

Bugfixes

BYOA-1998 Classic Proxy opens a socket every 5 seconds even when a connection is established

BYOA-2024 Classic proxy - missed sync from pos when the catalog is updated

Max Emulation 3.6.0.x

New Features

BYOA-1084 Max Emu - allow calling of Android Intents so that Payment apps can be used from a Max Emu pos solution (tested with OsPayment)

Bugfixes

BYOA-1987 Sol/Max Emu on OM10-OSR - Wrong M4 information after radio mode update

Sol Emulation 3.6.0.x

Bugfixes

BYOA-1987 Sol/Max Emu on OM10-OSR - Wrong M4 information after radio mode update

BYOA-1988 Sol Emu on OM10-OSR - After radio mode update to OMB3 an update to OMB4 not possible

BYOA-2009 Sol Emu - Fix large qr-code printed in multiple parts

BYOA-2007 Sol Emu - Do not suspend communication between the POS and the device when a payment intent is triggered via OCS

Classic Proxy 1.6.0.x

Bugfixes

BYOA-1991 ClassicProxy / Sol Emu - AlohaMobile - Sol scripting engine incompatibilities with proxy behavior on EOD processing / refresh

(new) Classic Proxy for Linux 0.9.1.x

This is the first package including a port of the Linux proxy supporting Max Emulation only on Linux X86 systems (Ubuntu 16.04 and newer versions and similar current distributions).

Orderman Emulations Package V1.5.0.190

A new chapter "Extended Communication configuration options in case default setting are failing" was added to the installation guide to give instructions on how to correctly use the new "Sync only when charging" and "Connectivity mode" settings.

Max Emulation 3.5.0.82

Bugfixes

BYOA-1977 Max Emu - Android menu (about, settings, load mc) buttons are sometimes visible at the top line

Classic Proxy 1.5.0.150

Improvement

BYOA-1840 Classic proxy - allow redirect of logging to the SCN Win agent syslog endpoint

- To use the new logging redirect:
 - install the Windows SCN agent on your PC where also the proxy is running
 - enable syslog logging in SCN log section of that Windows PC
 - if required configure a different UDP port to use (default is 514, configurable in proxy config file with new field "SCNAgentSyslogPort")
- The proxy will automatically monitor the availability of the syslog UDP endpoint and if available will send all proxy log messages to this

endpoint.

- Can be disabled by setting the new field "SCNAgentSyslogPort" to 0.

Bugfixes

BYOA-1976 Classic proxy - installation failed with an error ("An error occurred while trying to replace existing file ...") but worked after retry
BYOA-1979 Classic proxy - not working together with some POS and Max Emu that do not use Orderman drivers

Orderman Emulations Package V1.4.0.182

A new chapter "Extended Communication configuration options in case default setting are failing" was added to the installation guide to give instructions on how to correctly use the new "Sync only when charging" and "Connectivity mode" settings.

Sol Emulation 3.4.0.493

Bugfixes

BYOA-1962 Sol/Max Emu - If WiFi connects to a Wi-Fi access point that does not have Internet connectivity they stop working via OSR after 30 seconds

--> this is a standard Android behavior but a workaround to still allow OSR communication is implemented

BYOA-1965 Sol Emu - native crash in FileIO.DeleteFileObject() when hermes "delete file" or "remove" is executed (often used during resource/data synchronization)

Improvement

BYOA-1957 Sol Emu - drag right gestures on OM10 do not work that nicely on OM10 than on OM9 when done on buttons that are on the very right of the screen -> changed to 6 from 20 px (configurable via custom value max_tap_distance)

BYOA-1961 Sol Emu - OMB4 - allow via configuration to decide if we force "Ethernet" connectivity to also allow resource sync via radio (default, today) or that "Ethernet" connection is only reported when "Wi-Fi" is available AND we are charging (similar to OMB3)

BYOA-1963 Sol/Max Emu - Allow more control on how OSR and / or Wi-Fi is used for communication with the POS (automatic, WlanOnlyWhenCharging, OnlyOSR)

Max Emulation 3.4.0.80

Bugfixes

BYOA-1962 Sol/Max Emu - If WiFi connects to a Wi-Fi access point that does not have Internet connectivity they stop working via OSR after 30 seconds

--> this is a standard Android behavior but a workaround to still allow OSR communication is implemented

Improvement

BYOA-1963 Sol/Max Emu - Allow more control on how OSR and / or Wi-Fi is used for communication with the POS (automatic, WlanOnlyWhenCharging, OnlyOSR)

Classic Proxy 1.4.0.144

Bugfixes

BYOA-1966 ClassicProxy - Hermes/Sol - For connection monitoring to POS we used the snr 1 in UDP protocol communication which confuses some POS systems --> a different approach is used now

BYOA-1967 ClassicProxy - sometimes crash when POS is restarted (happened about once a week during normal operation) --> improvements were made and we require market feedback if this is fixed now

Improvement

BYOA-1961 Sol Emu - OMB4 - allow via configuration to decide if we force "Ethernet" connectivity to also allow resource sync via radio (default, today) or that "Ethernet" connection is only reported when "Wi-Fi" is available AND we are charging (similar to OMB3)

--> NOTE: The change was mainly on Sol Emu but the Proxy also must be updated to allow the Sol Emu app change to have an effect.

BYOA-1970 ClassicProxy - do also simulate unique source IP addresses for Sol clients as some POS systems rely on that to support more than 1 client

Orderman Emulations Package V1.3.0.157

Sol Emulation 3.3.0.479 and Max Emulation 3.3.0.72

Bugfixes

BYOA-1960 [REGRESSION] Sol and Max client - Settings/Setup - Radio Settings - crash of app

Orderman Emulations Package V1.3.0.153

New: A new "RadioSettings-*.apk" Android application was added to the Emulations package. It can be used to configure the Orderman radio on OM10 OSR when there is no SystemCenterNext (SCN) used and also none of the emulation apps but instead of the emulations your own Android application is used (which was previously called BYOA mode).
For further details please see installation guide.

ClassicProxy 1.3.0.6

Bugfixes

BYOA-1955 ClassicProxy - sometimes on fast POS restart the classic proxy is not restarting connections to Sol Clients and require the client app to be restarted
BYOA-1956 ClassicProxy - proxy crash when randomly restarting clients and POS

Sol Emulation 3.3.0.477

Bugfixes

BYOA-1946 Sol / Max Emu - Detecting that "Maintenance Mode" is active only works when app is already running in background but does not when first starting maintenance mode and then the emu app

Max Emulation 3.3.0.70

Bugfixes

BYOA-1946 Sol / Max Emu - Detecting that "Maintenance Mode" is active only works when app is already running in background but does not when first starting maintenance mode and then the emu app

Orderman Emulations Package V1.2.0.143

ClassicProxy 1.2.0.117

Bugfixes

BYOA-1939 ClassicProxy - OMB4 X-Range - when resource sync is executed via radio the OSR connection gets lost and reconnects soon after
BYOA-1940 Classic Proxy - not able to connect to POS after upgrade from proxy 1.0.x (reason - missing classicPort config in config file)

Improvement

BYOA-1937 ClassicProxy - Max Emu - allow connections also if only the classic port 24999 to the POS is available but not the omanDrv port 25000 (today both must work!)

Sol Emulation 3.2.0.474

Improvement

BYOA-1934 Sol/Max Emu - make them to be a full screen application as the OrderSolution is
BYOA-1936 Sol/Max Emu - when the device is using SCN (= agent installed and used for config) do only allow to access "Setup"/"Settings" of the emulations when the agent is in maintenance mode
BYOA-1943 Sol Emu - Lua scripting support - verify that the scripting engine is working properly when using the Emulator on OM9 or OM10 or OM10 OSR (Android12 + Android13)

Max Emulation 3.2.0.68

Bugfixes

BYOA-1938 Max Emu - Fax - on screen keyboard does not write to fax window

Improvement

BYOA-1934 Sol/Max Emu - make them to be a full screen application as the OrderSolution is
BYOA-1936 Sol/Max Emu - when the device is using SCN (= agent installed and used for config) do only allow to access "Setup"/"Settings" of the emulations when the agent is in maintenance mode

Orderman Emulations Package V1.1.0.129

Initial support for OM10 OSR. Check installation guide for further details on how to use Sol and Max Emulations on our new device.

Sol Emulation 3.1.1.x
Max Emulation 3.1.1.x
Classic Proxy 1.1.0.x

ClassicProxy

Bugfixes

BYOA-1917 ClassicProxy - logs error to Windows event log when connection to POS is lost but it should only log it to normal logfile as this can happen quite often -> now only logging to normal logfile
BYOA-1927 ClassicProxy - changing the used OmanDRVPort (default 25000) has no effect -> works now + now also the classicPort (which is the 2nd port needed) can also be changed
BYOA-1925 ClassicProxy - docs - remove chapter for Win7 windows service setup issue as this works now

Improvement

BYOA-1935 ClassicProxy - service automatically restarts if it fails for whatever reason

Sol Emulation

Bugfixes

BYOA-1931 Sol Emu - Crash when switching between modes (OMB4/X-Range/OMB3) mode in its settings
BYOA-1919 Sol Emu - OMB3 mode - directly after configuring OMB3 mode (when OMB4 mode was before) the Sol Emu does not try to connect but has to be forced closed and restarted
BYOA-1920 Sol Emu - no SCN - when freshly setting up an OM10 OSR and configuring OMB4 and then getting back to Sol start screen toast connected via OSR is shown but the Sol UI does not change

New Feature

BYOA-1918 Sol / Max without SCN and the odinAgent - Orderman belt printer pairing supports automatic PIN handling as it does when using SCN and the odinAgent
BYOA-1924 Sol/Max / SCN - Add support for OMB4 X-Range configuration

Improvement

BYOA-1922 Sol / Max / odinAgent - if no host address / port is configured use a meaningful default
BYOA-1923 Sol/Max - side buttons on OM10 - use real, additional side buttons instead of volume buttons

Max Emulation

Bugfixes

BYOA-1921 Max - settings screen - bottom setting half cut of and list is not scrollable
BYOA-1930 Max - Fax - on screen keyboard not opening when going to fax via tool bar fax icon
BYOA-1932 Max - OMB3 - Crash on initial connect to SC1

New Feature

BYOA-1903 Max - SCN - allow to configure the menu card via SCN app config
BYOA-1918 Sol / Max without SCN and the odinAgent - Orderman belt printer pairing supports automatic PIN handling as it does when using SCN and the odinAgent
BYOA-1924 Sol/Max / SCN - Add support for OMB4 X-Range configuration

Improvement

BYOA-1922 Sol / Max Omega / odinAgent - if no host address / port is configured use a meaningful default
BYOA-1923 Sol/Max Omega - side buttons on OM10 - use real, additional side buttons instead of volume buttons

Orderman Emulations Package V0.3.0.105

Note: With this release Sol and Max Emulation apps are now able to be run also independent of SCN. Please check the documentation guide on how to handle this.

ClassicProxy

Bugfixes

- BYOA-1835 ClassicProxycy - proxy service on Win7 - Failed connection when running as service to the hermes demo pos app running as a normal user

- BYOA-1869 ClassicProxy - Max Omega - "HOWTO Use the Belt Printer with MAX.exe" file is not testable. It throws run time error code5
- BYOA-1893 ClassicProxy - ClassicProxy installer - upgrade results in access denied during replacement of proxy executable
- BYOA-1908 ClassicProxy - Sol Emu - when started in order (proxy, POS, sol client apps) the "retrying (...)" update thread is still running in the background creating conflicts with POS app

Sol Emulation

New Feature

- BYOA-1874 Sol Omega - When not run with SCN/agent generate classic SNR based on Android device ID --> the SNR is stable as long as the Sol app stays installed
- BYOA-1796 Sol/Max Omega - belt printer support - when running w/o agent, allow to select the printer to use via the about popup called via the waiter symbol

Bugfixes

- BYOA-1901 OM10 - Old printer FW (OM-BP 113) - Test print shows "Error No response from printer. Is it turned on?"

Max Emulation

first testable version; features comparable to Sol Emulation

Orderman Emulations Package V0.2.0.79

IMPORTANT notes for printers:

We only support OM BP-113 (Panasonic protocol) and OM BP-114 (Bixolon protocol) printer types. Older Orderman printers might also work but are not tested and are only used at your own risk!

Sol Emulation

New Feature

- BYOA-1889 Sol/Max Omega with SCN agent - Allow printing on bixolon and panasonic printer variants without any difference to the user in handling
- BYOA-1890 Sol/Max Omega with SCN agent - do support test print outs also for panasonic type printers from SCN agent if Sol or Max Omega is installed
- BYOA-1891 SCN Agent - do support belt printer image upload to printer also for panasonic type printers

Improvement

- BYOA-1856 Sol Omega - allow to use app internal config UI as an alternative to configuration via SCN
- BYOA-1865 Sol Omega - only allow the app to be run on Orderman Android devices
- BYOA-1884 Sol/Max Omega - do allow all OX9 device types
- BYOA-1885 Sol Omega - add app config schema to have default port 24998 automatically in SCN app config

ClassicProxy

Bugfixes

- BYOA-1853 ClassicProxy - version information shown in event log is wrong (always 0.0.1.0 instead of real version number)
- BYOA-1895 ClassicProxy - Sol Emu communication stuck (no response) and in event log we see an error when killing emu app and restarting it
- BYOA-1854 ClassicProxy - uninstall does leave ClassicProxy executable behind
- BYOA-1893 ClassicProxy - ClassicProxy installer - upgrade results in access denied during replacement of proxy executable

Known Issues (we are working on them)

- BYOA-1835 ClassicProxy - proxy service on Win7 - Failed connection when running as service to the hermes demo pos app running as a normal user
- BYOA-1854 ClassicProxy - uninstall does leave ClassicProxy executable behind
- BYOA-1888
 - Pairing of Panasonic style printers OM BP-113 do work in Sol emulations but when pairing them or executing a test printout this message occurs sometimes: No response from printer. Is it turned on?
 - Pairing of printers is only supported by the help of the Orderman SCN agent which means the devices have to be enrolled to SCN to easily use the printers. Without SCN it might also work but is not yet final and eventually unstable.

Orderman Emulations Package V0.1.0.29

- initial version with Sol Emulation on Wi-Fi support