OCSTARS
Connecting New Frontiers

Mobile Device Management System (MDM)

Feature Overview

Version V1.0

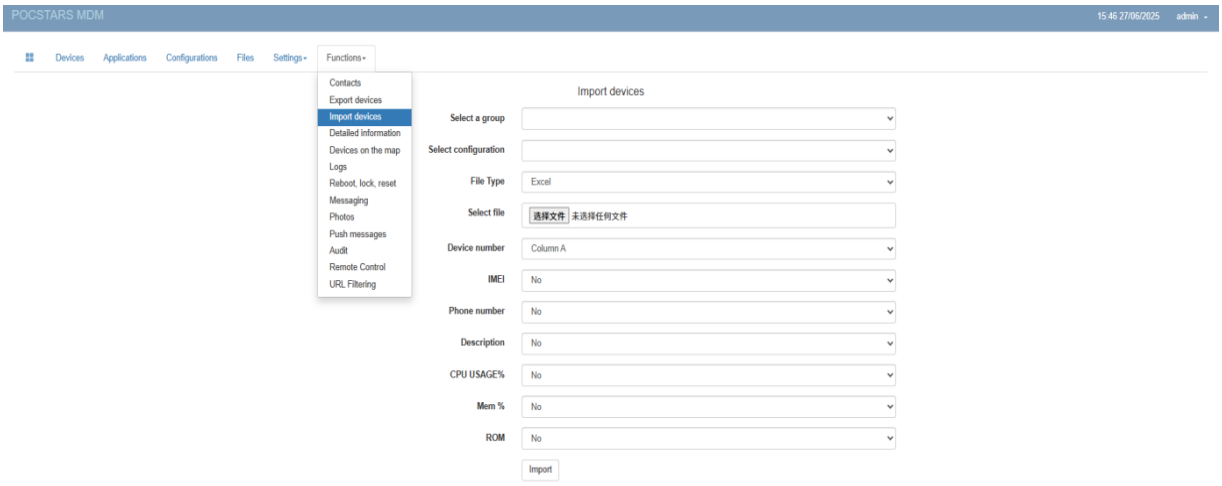
Change History

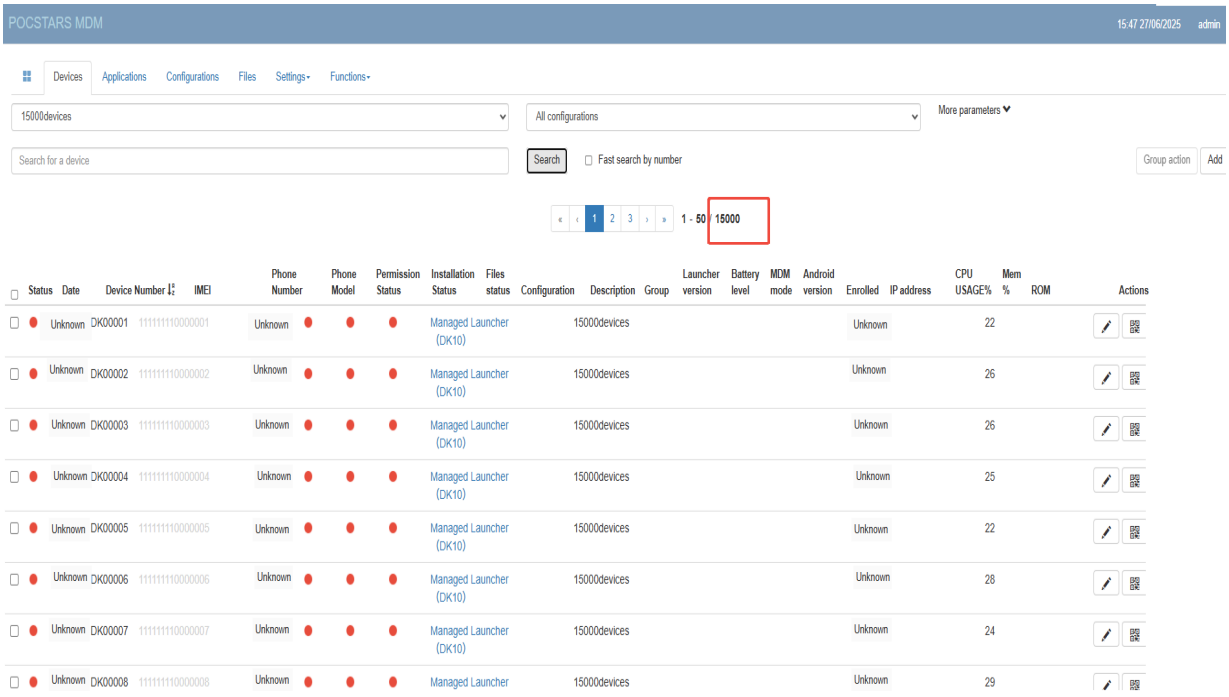
No.	Item	Person in Charge	Date
1	Create	Felix	20250623
2	Modify	Never	20250627

POCSTARS Mobile Device Management System (MDM) is a mobile device management system that allows for simple and centralized batch configuration and control of devices. It supports batch programming, upgrading, key management, permission control, as well as application and file pushing for 5G data communication devices.

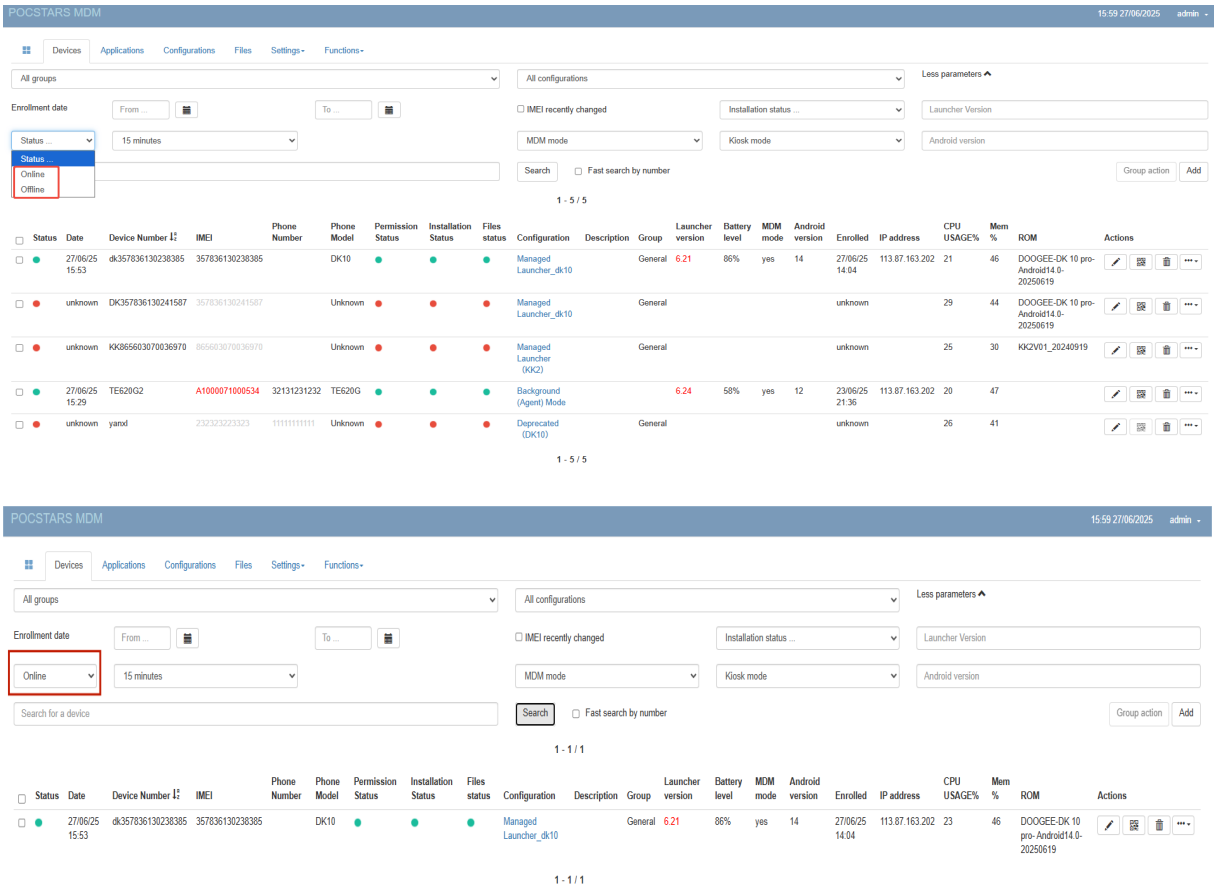
1.1 It can manage and control all 15,000 5G data receivers proposed in the project.

After importing the device, pull it to the end and save it.



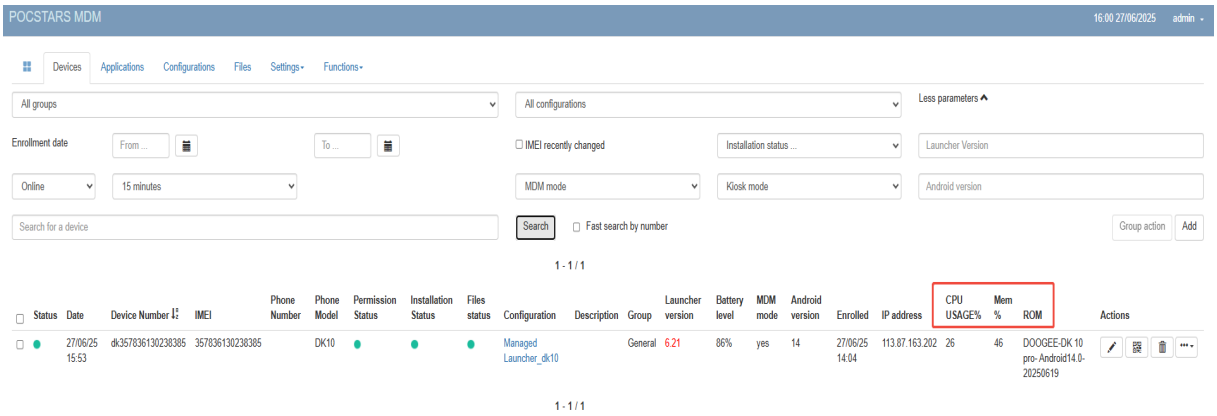


1.2 It can display the status of whether the 5G data receiver is online or offline.

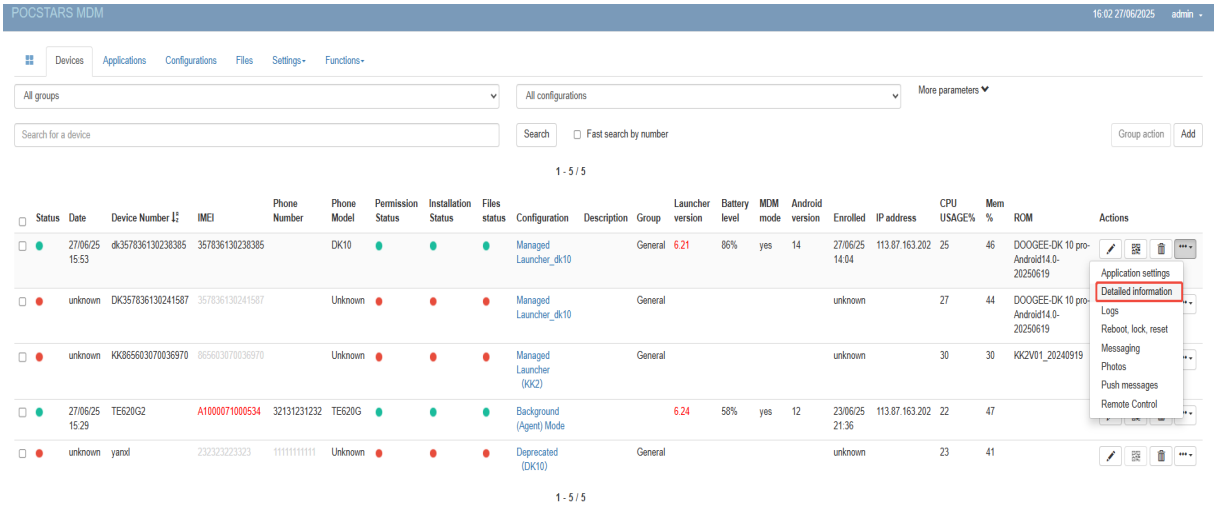


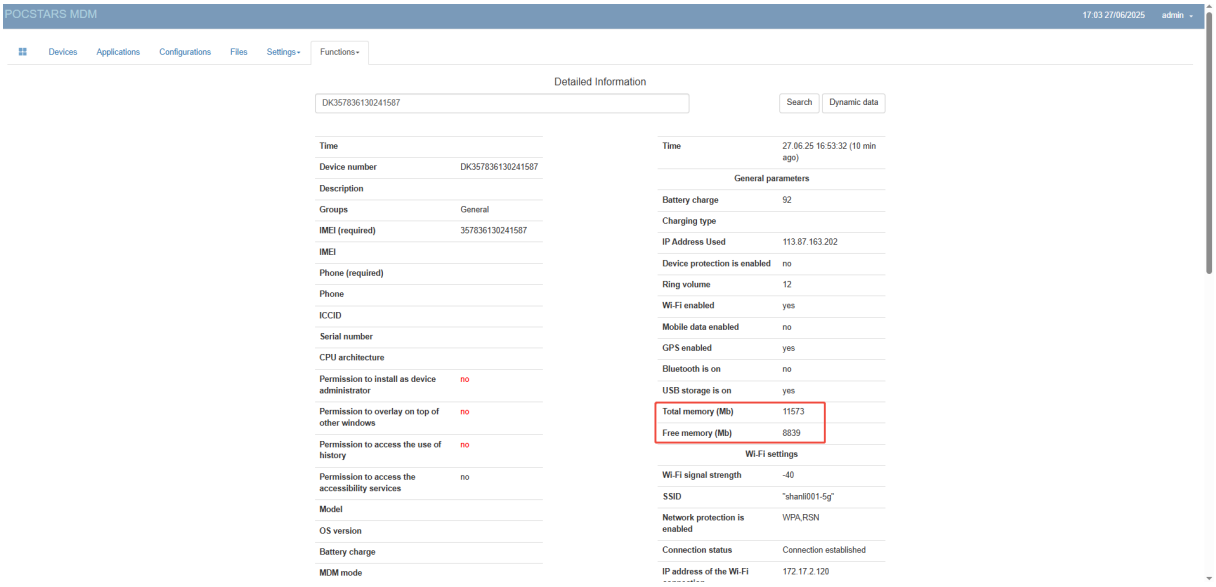
1.3 It can display information about the 5G data receiver, such as CPU usage, RAM usage, storage usage, firmware version, operating system version, WLAN status, IMEI information, list of applications installed on the device, at least.

1.3.1 CPU usage rate, memory usage rate

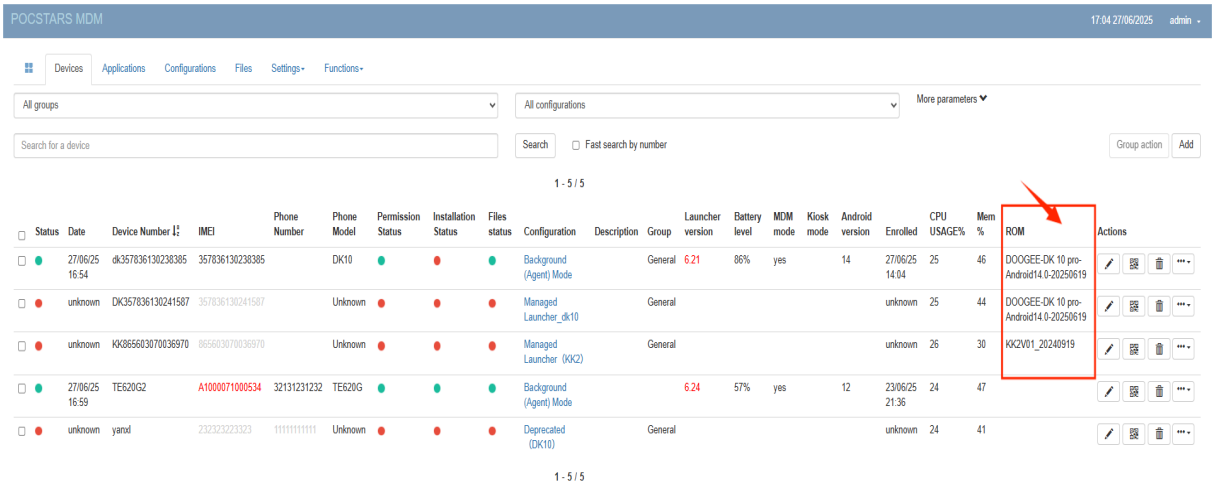


1.3.2 Storage Utilization Rate

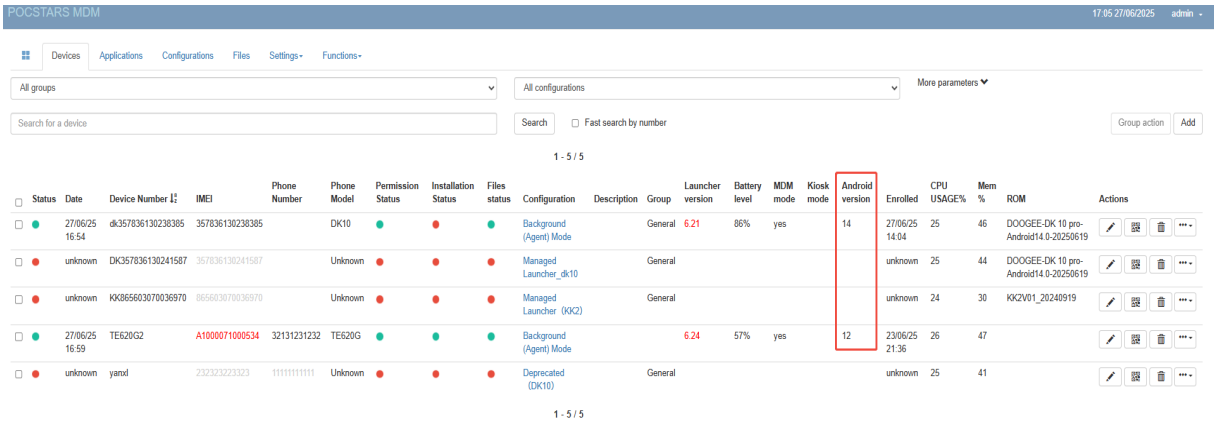




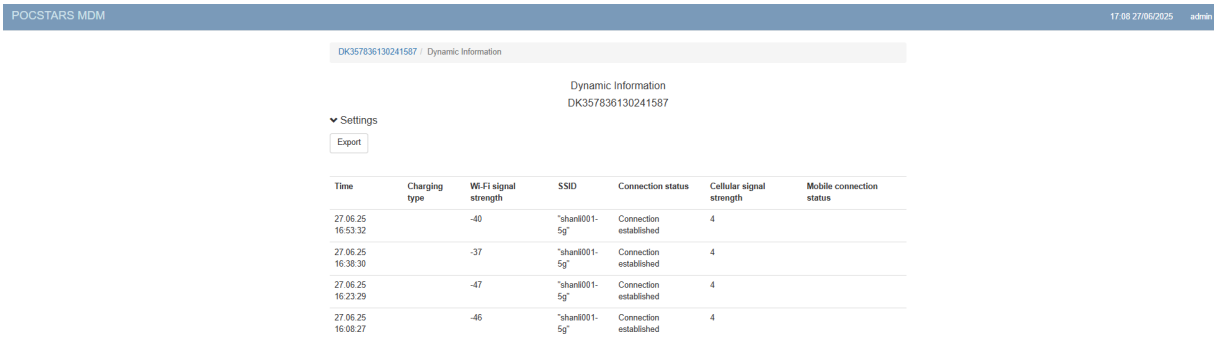
1.3.3 Firmware Version



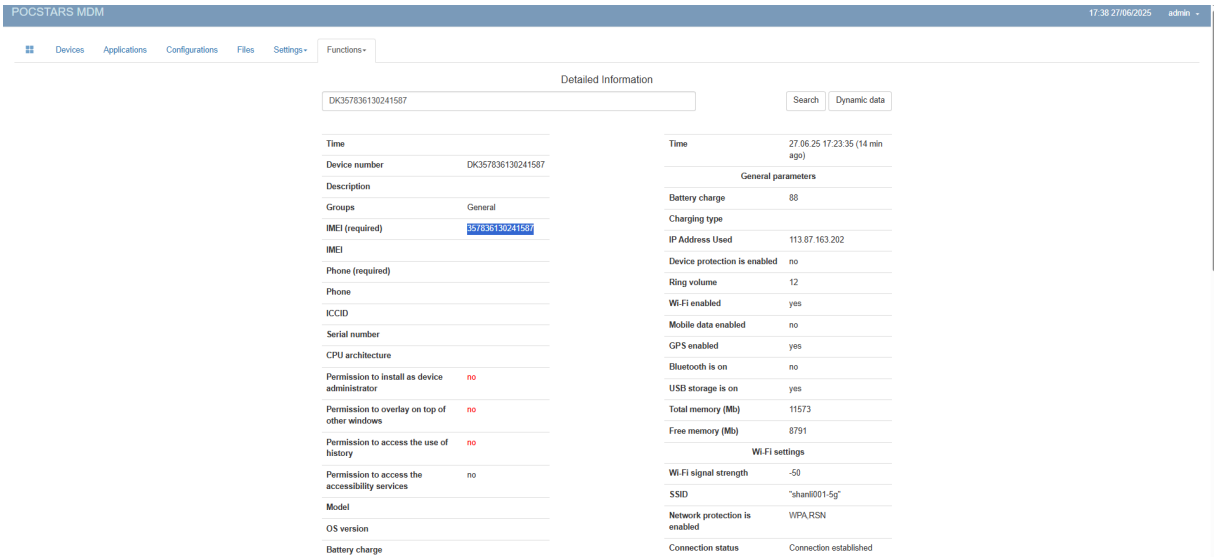
1.3.4 Operating system version



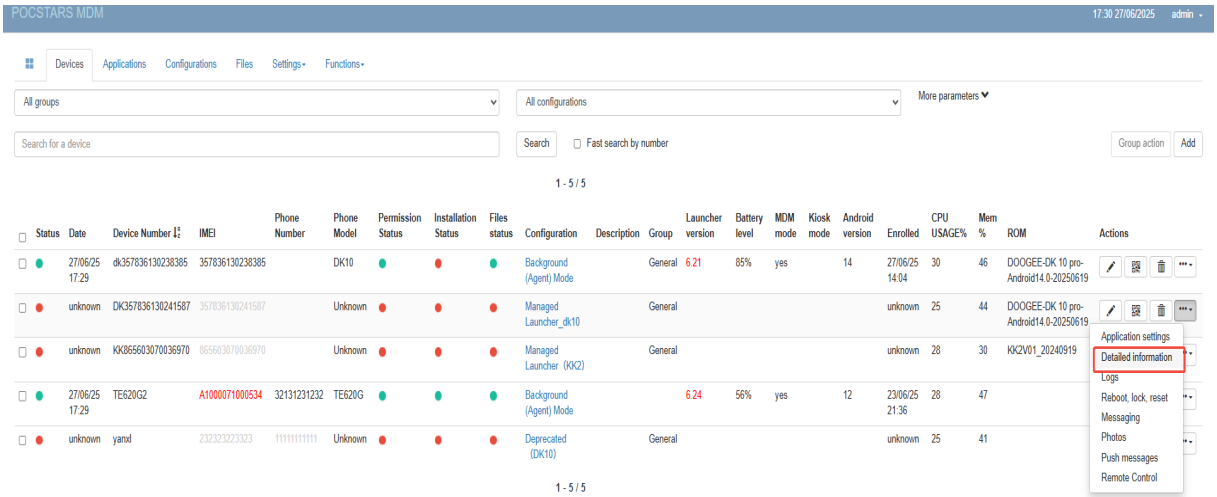
1.3.5 Wireless LAN status

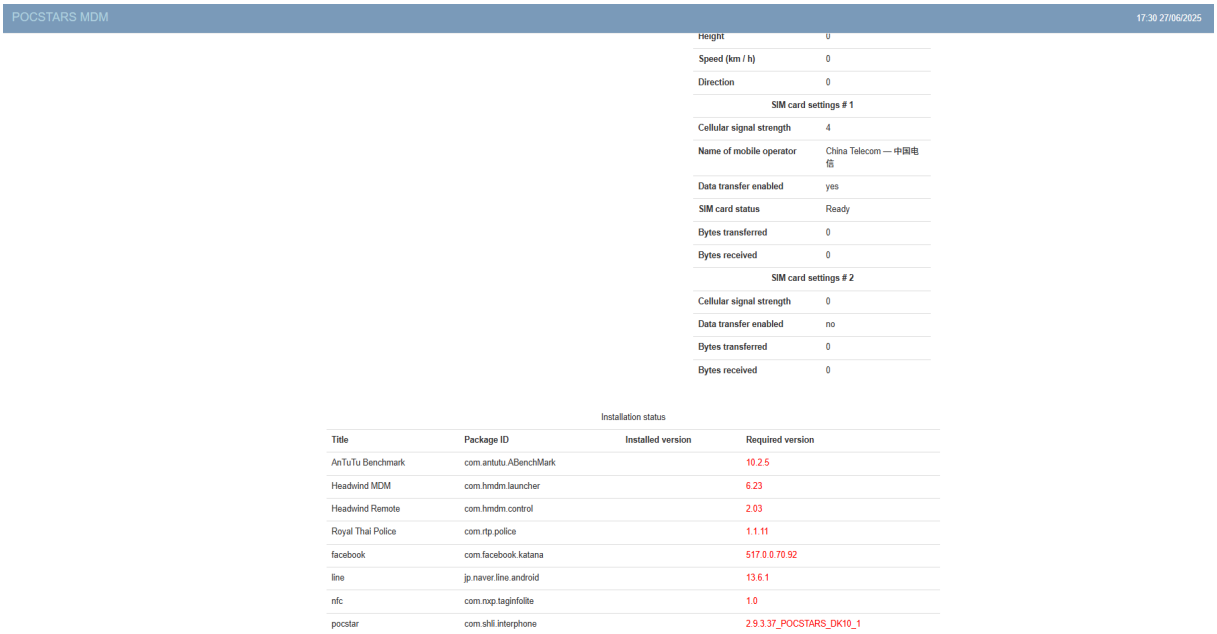


1.3.6 IMEI



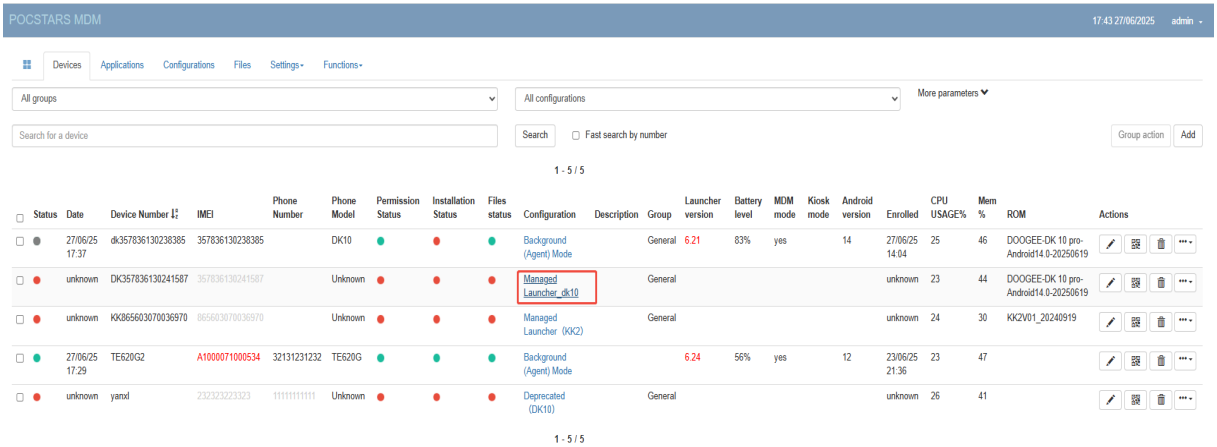
1.3.7 List of applications installed on the device, etc

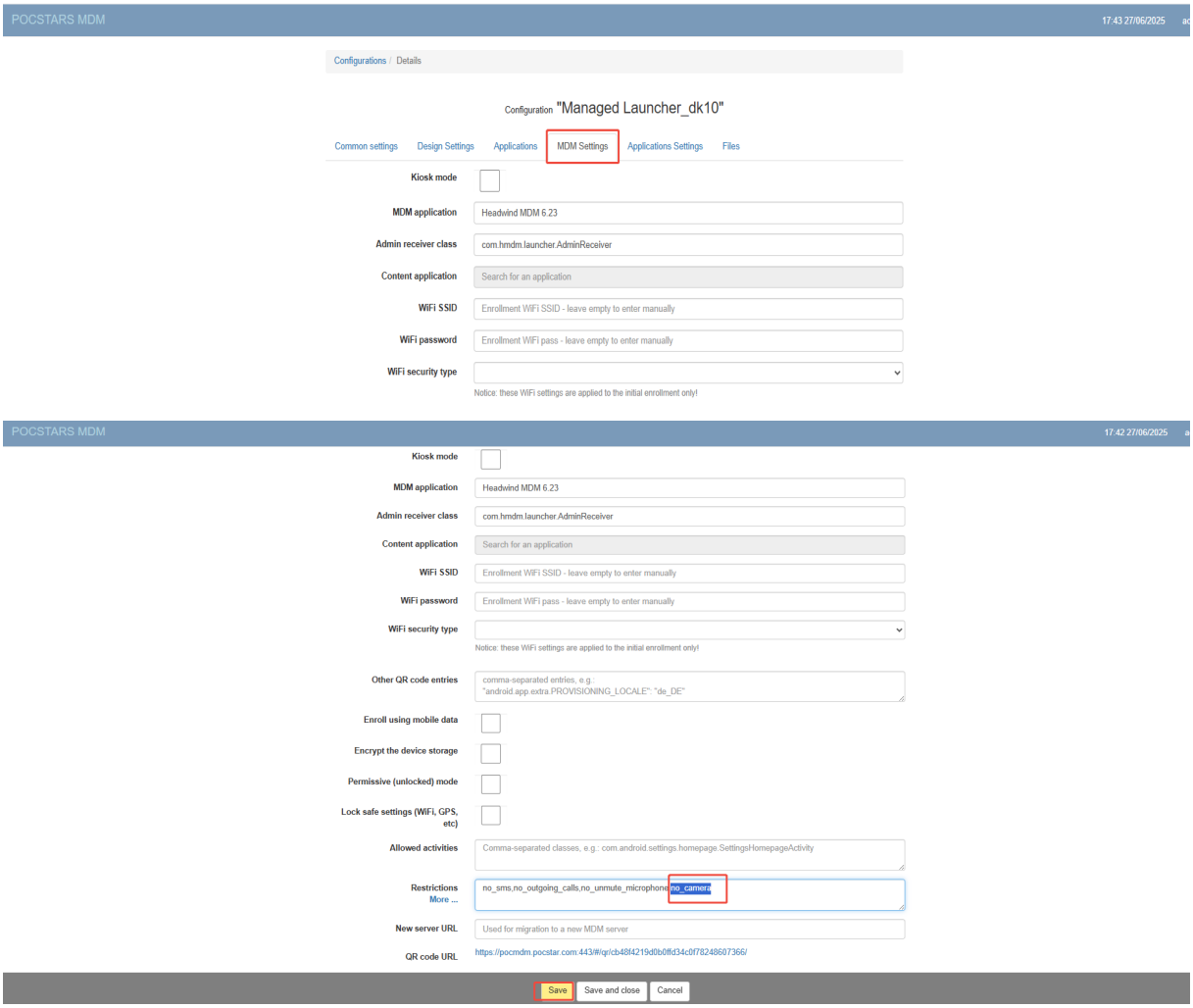


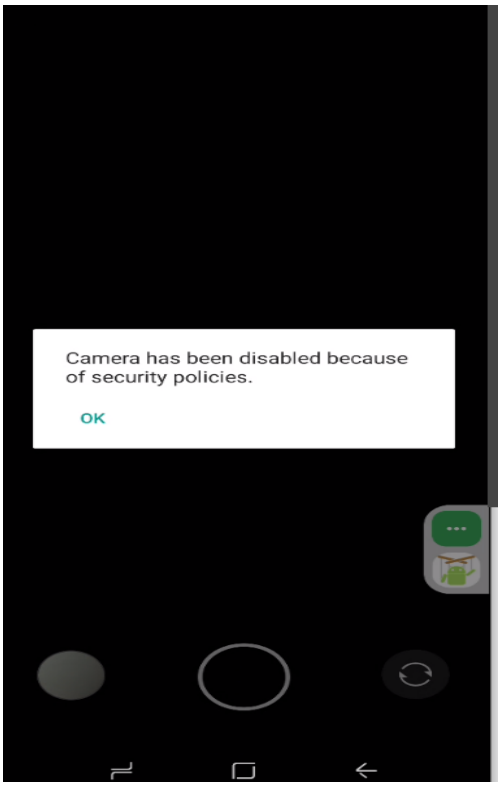


1.4 It can control the settings to allow or disallow the use of devices or systems of the 5G data receiver, such as cameras, microphones, GPS, NFC, Data Roaming, USB Debugging Mode at least.

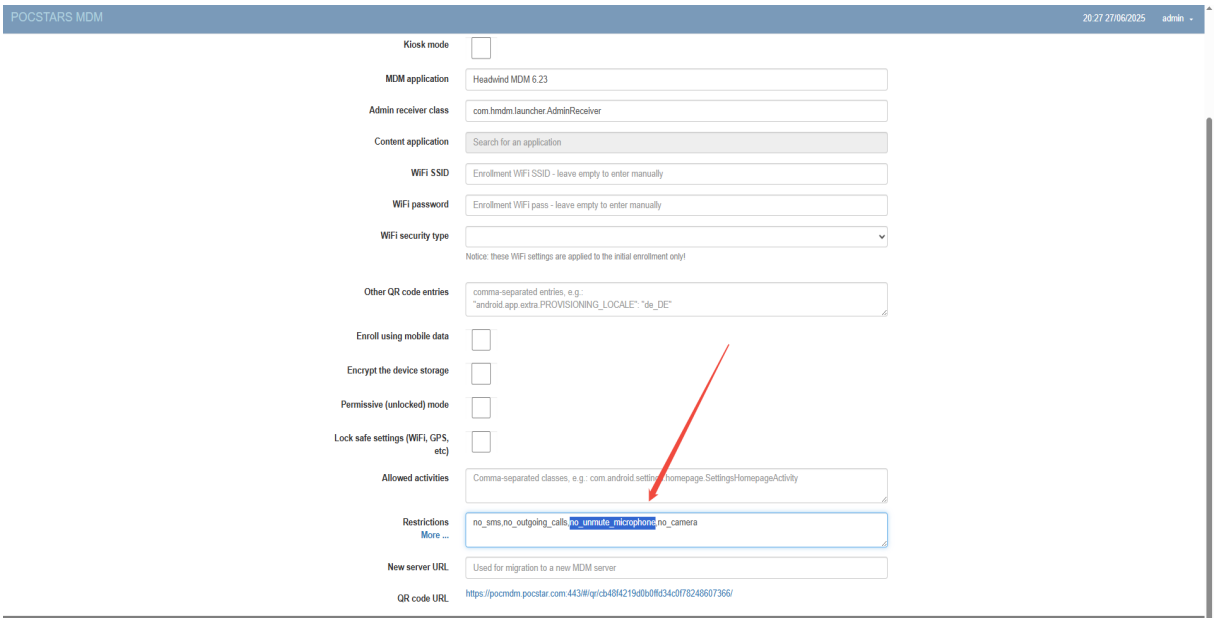
1.41 Camera, (configure "Managed Launcher (DK10) - MDM configuration", add no_camera command to save)



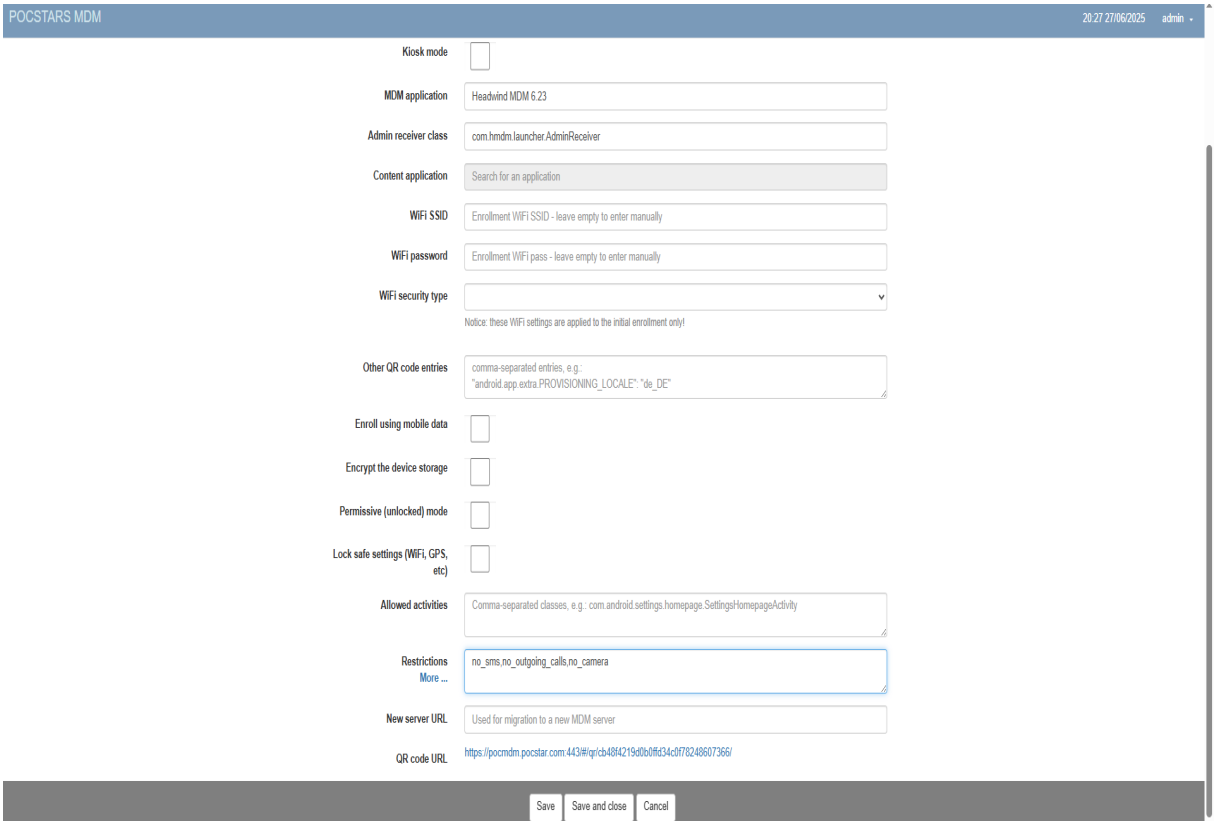

POCSTARS MDM
17:43 27/06/2025
Configurations / Details
Configuration "Managed Launcher_dk10"
Common settings
Design Settings
Applications
MDM Settings
Applications Settings
Files
Kiosk mode
MDM application
Headwind MDM 6.23
Admin receiver class
com.hmdm.launcher.AdminReceiver
Content application
Search for an application
WiFi SSID
Enrollment WiFi SSID - leave empty to enter manually
WiFi password
Enrollment WiFi pass - leave empty to enter manually
WiFi security type
Notice: these WiFi settings are applied to the initial enrollment only!
POCSTARS MDM
17:42 27/06/2025
Kiosk mode
MDM application
Headwind MDM 6.23
Admin receiver class
com.hmdm.launcher.AdminReceiver
Content application
Search for an application
WiFi SSID
Enrollment WiFi SSID - leave empty to enter manually
WiFi password
Enrollment WiFi pass - leave empty to enter manually
WiFi security type
Notice: these WiFi settings are applied to the initial enrollment only!
Other QR code entries
comma-separated entries, e.g.:
"android.app.extra.PROVISIONING_LOCALE": "de_DE"
Enroll using mobile data
Encrypt the device storage
Permissive (unlocked) mode
Lock safe settings (WiFi, GPS, etc)
Allowed activities
Comma-separated classes, e.g.: com.android.settings.homepage.SettingsHomepageActivity
Restrictions
More ...
no_sms,no_outgoing_calls,no_unmute_microphone,no_camera
New server URL
Used for migration to a new MDM server
QR code URL
https://pocmdm.pocstar.com:443/#/qr/cb48f4219d0b0ffd34c0f78248607366/
Save
Save and close
Cancel


Camera has been disabled because of security policies.
OK

1.42 **Microphone**, same configuration as above（no_unmute_microphone）close

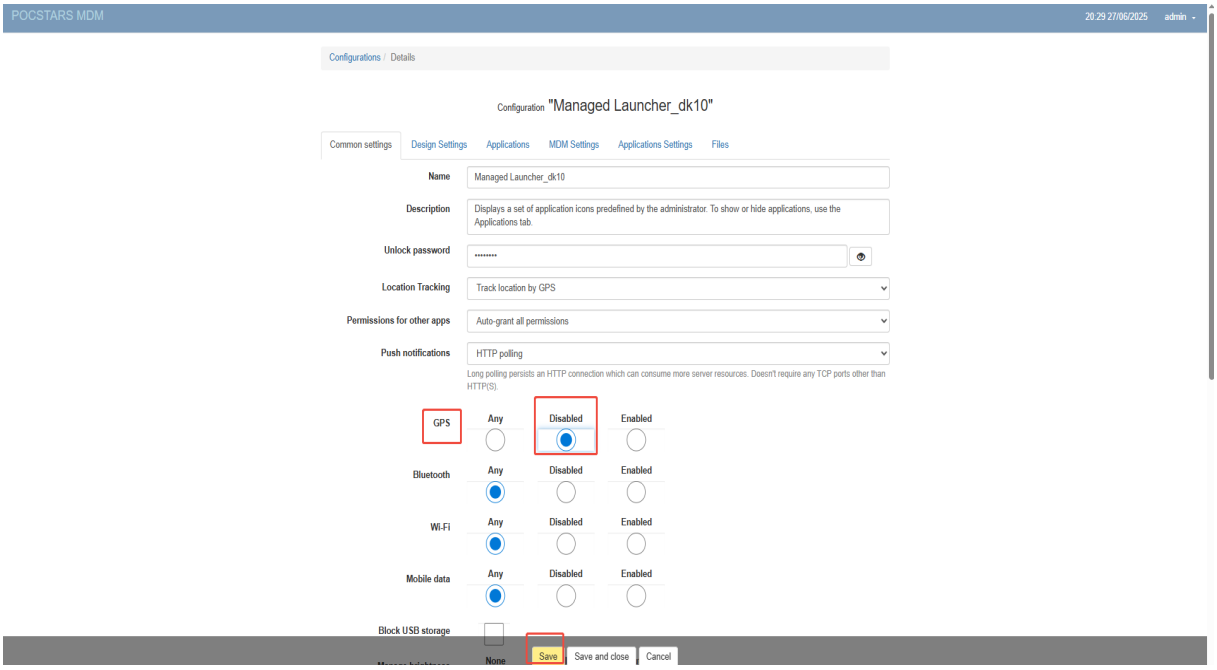


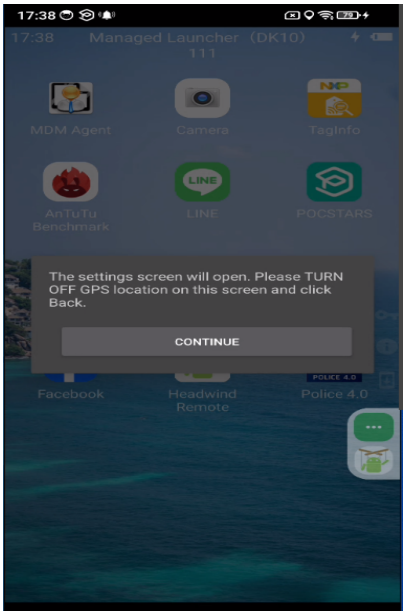
open


POCSTARS MDM
20:27 27/06/2025
admin
Kiosk mode
MDM application
Headwind MDM 6.23
Admin receiver class
com.hmdm.launcher.AdminReceiver
Content application
Search for an application
WiFi SSID
Enrollment WiFi SSID - leave empty to enter manually
WiFi password
Enrollment WiFi pass - leave empty to enter manually
WiFi security type
Notice: these WiFi settings are applied to the initial enrollment only!
Other QR code entries
comma-separated entries, e.g.:
"android.app.extra.PROVISIONING_LOCALE": "de_DE"
Enroll using mobile data
Encrypt the device storage
Permissive (unlocked) mode
Lock safe settings (WiFi, GPS, etc)
Allowed activities
Comma-separated classes, e.g.: com.android.settings.homepage.SettingsHomepageActivity
Restrictions
More ...
no_sms,no_outgoing_calls,no_camera
New server URL
Used for migration to a new MDM server
QR code URL
https://pocmdm.pocstar.com:443/#/qr/cb48f4219d0b0ffd34c0f78248607366/
Save
Save and close
Cancel

20:28
POCSTARS
(1/8)
ptt1@Thai.sdb
VNLE
NONE
CH
Beyond the area,attention please!
SOS

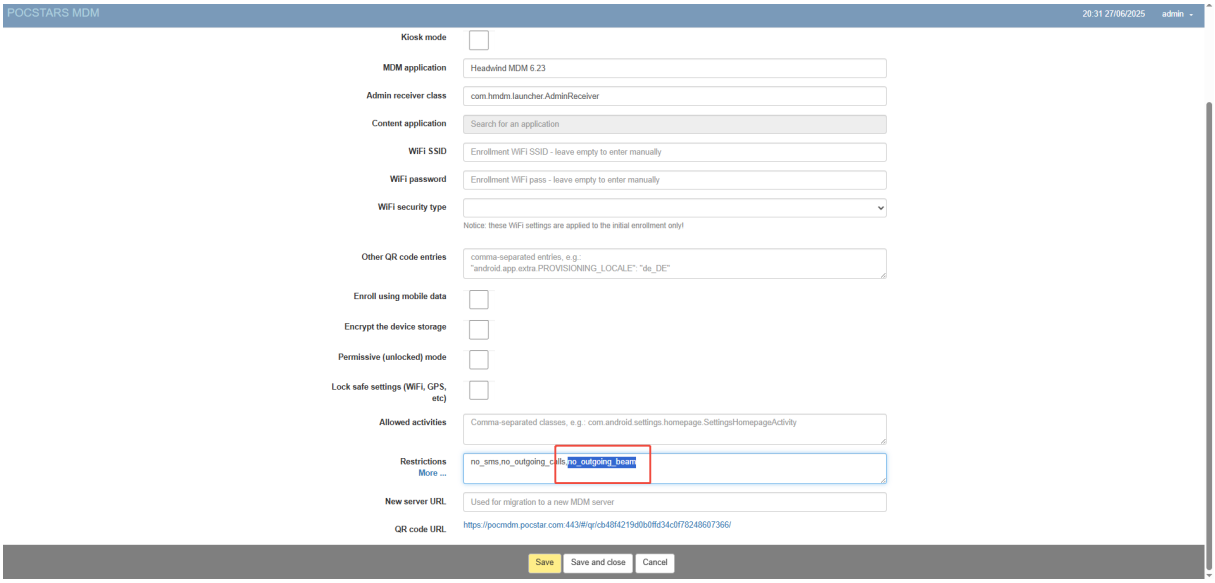
1.43 GPS

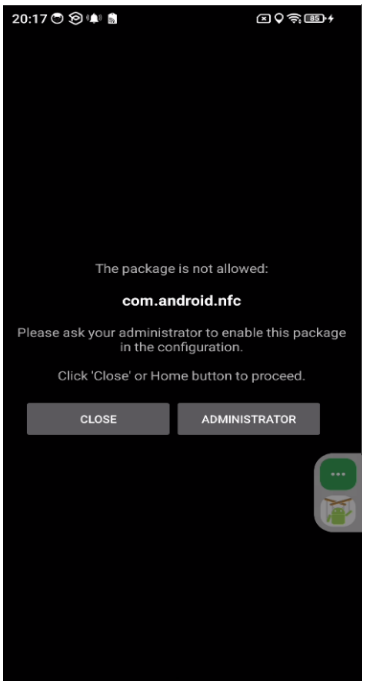




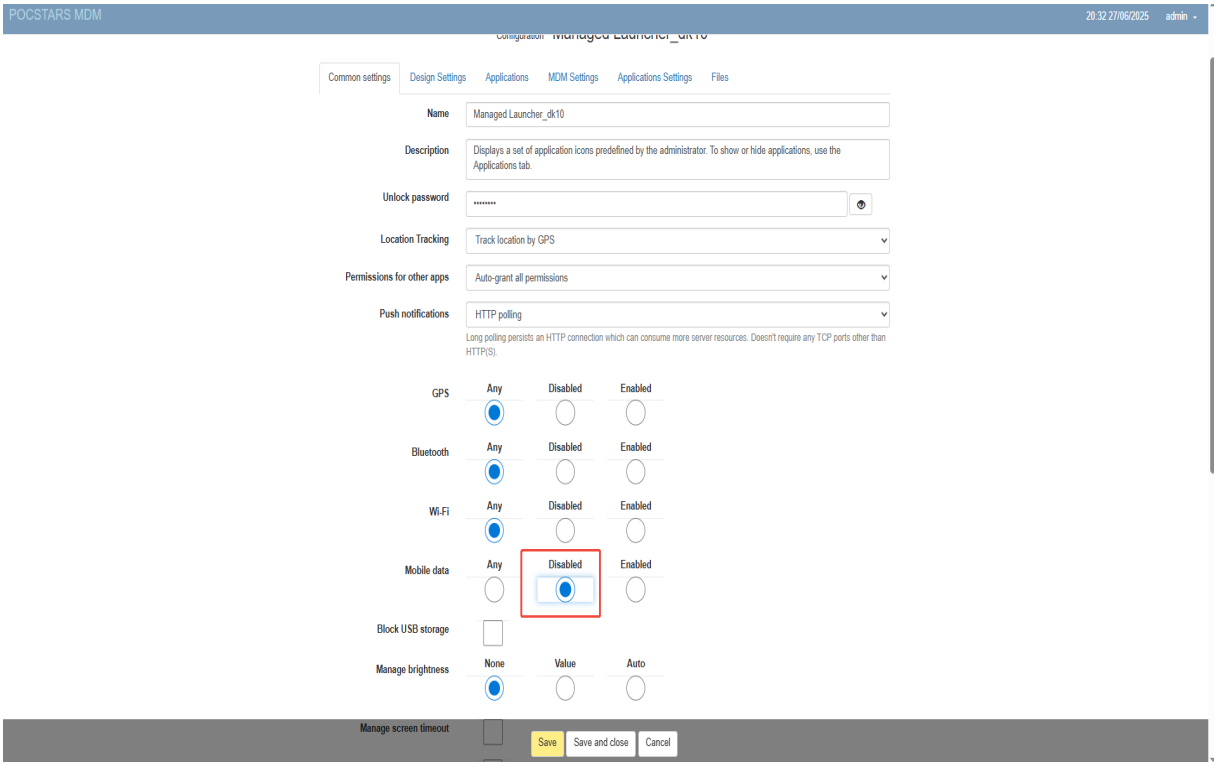
1.44 NFC

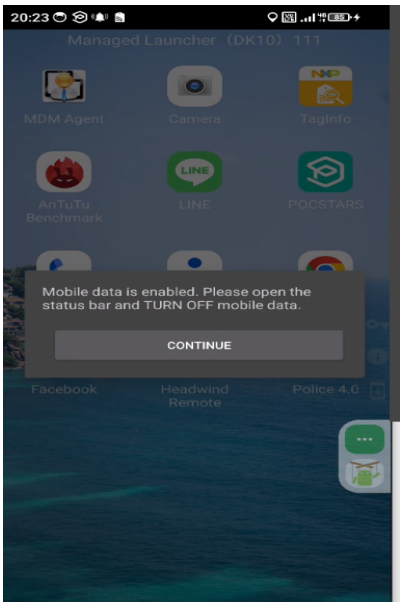
Using the NFC disable command provided by the system, NFC recognition cannot be disabled, but the system requires permission by default to enable NFC


POCSTARS MDM
20:31 27/06/2025
admin
Kiosk mode
MDM application
Headwind MDM 6.23
Admin receiver class
com.hmdm.launcher.AdminReceiver
Content application
Search for an application
WiFi SSID
Enrollment WIFI SSID - leave empty to enter manually
WiFi password
Enrollment WIFI pass - leave empty to enter manually
WiFi security type
Notice: these WiFi settings are applied to the initial enrollment only!
Other QR code entries
comma-separated entries, e.g.:
"android.app.extra.PROVISIONING_LOCALE": "de_DE"
Enroll using mobile data
Encrypt the device storage
Permissive (unlocked) mode
Lock safe settings (WiFi, GPS, etc)
Allowed activities
Comma-separated classes, e.g.: com.android.settings.homepage.SettingsHomepageActivity
Restrictions
More ...
no_sms,no_outgoing_calls,no_outgoing_beam
New server URL
Used for migration to a new MDM server
QR code URL
https://pocmdm.pocstar.com:443/#/qr/cb48f4219d0b0ffd34c0f7824860736/
Save
Save and close
Cancel

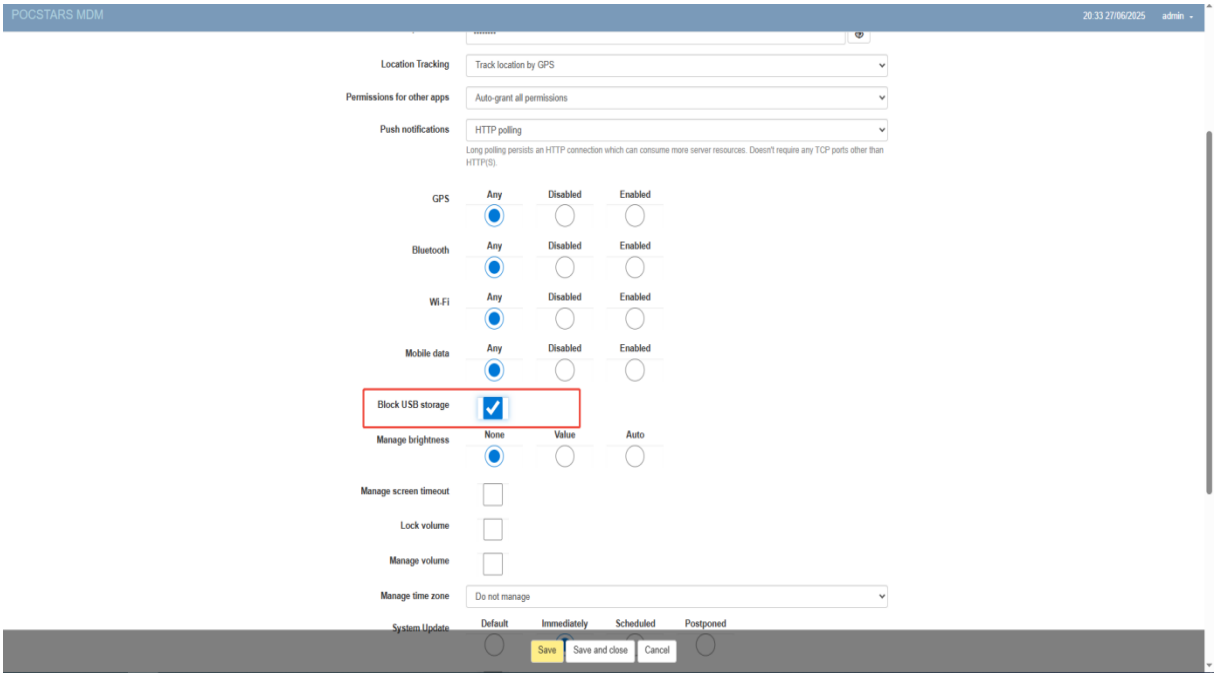

20:17
The package is not allowed:
com.android.nfc
Please ask your administrator to enable this package in the configuration.
Click 'Close' or Home button to proceed.
CLOSE
ADMINISTRATOR

1.45 Data Roaming



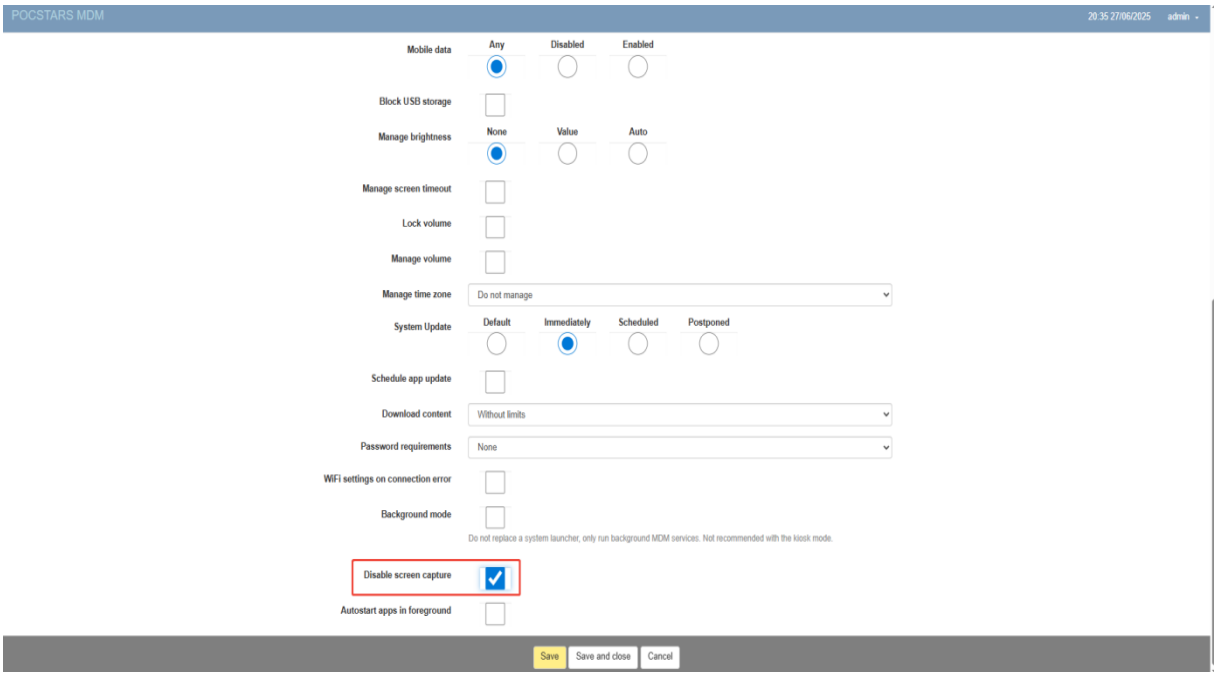


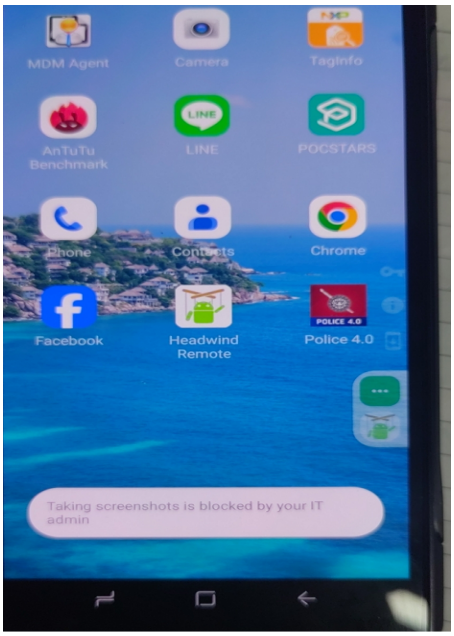
1.46 USB Debugging Mode at least



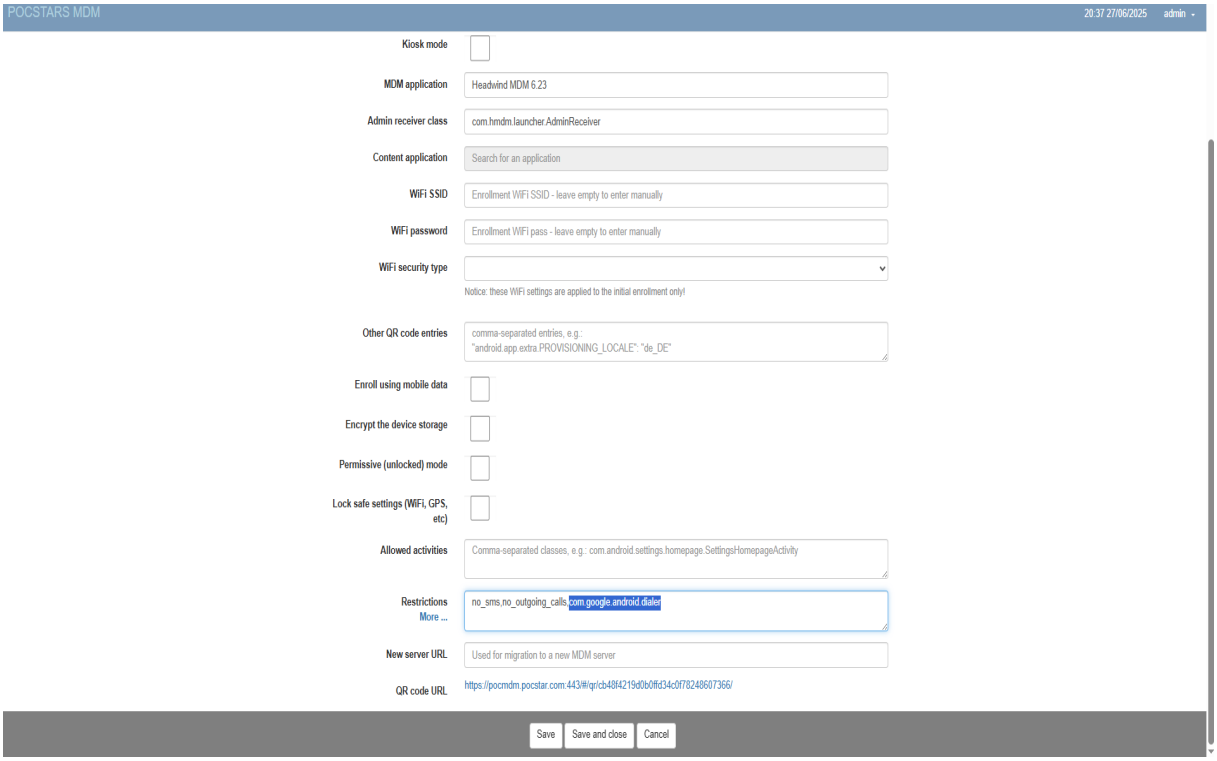
1.5 It can set usage rights. (Allow or not allow) on the 5G data receiver, such as taking screenshots (Screenshot Capture), making calls, sending SMS, using SD Card at least.

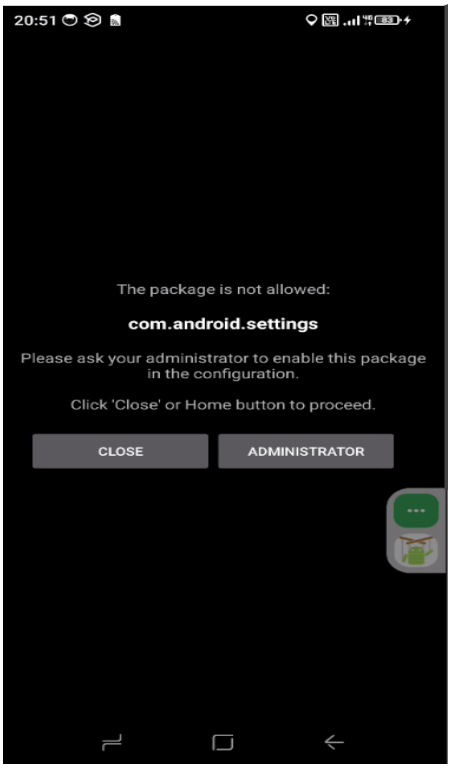
1.5.1 Screenshots (Screenshot Capture)



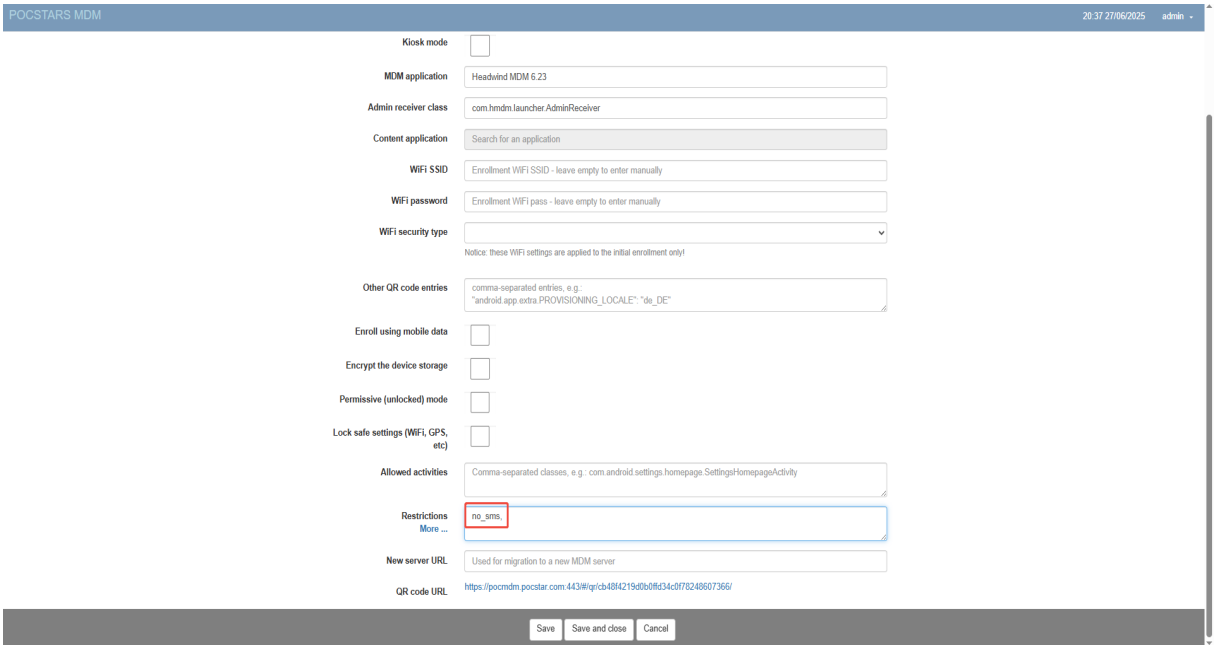


1.5.2 Making calls

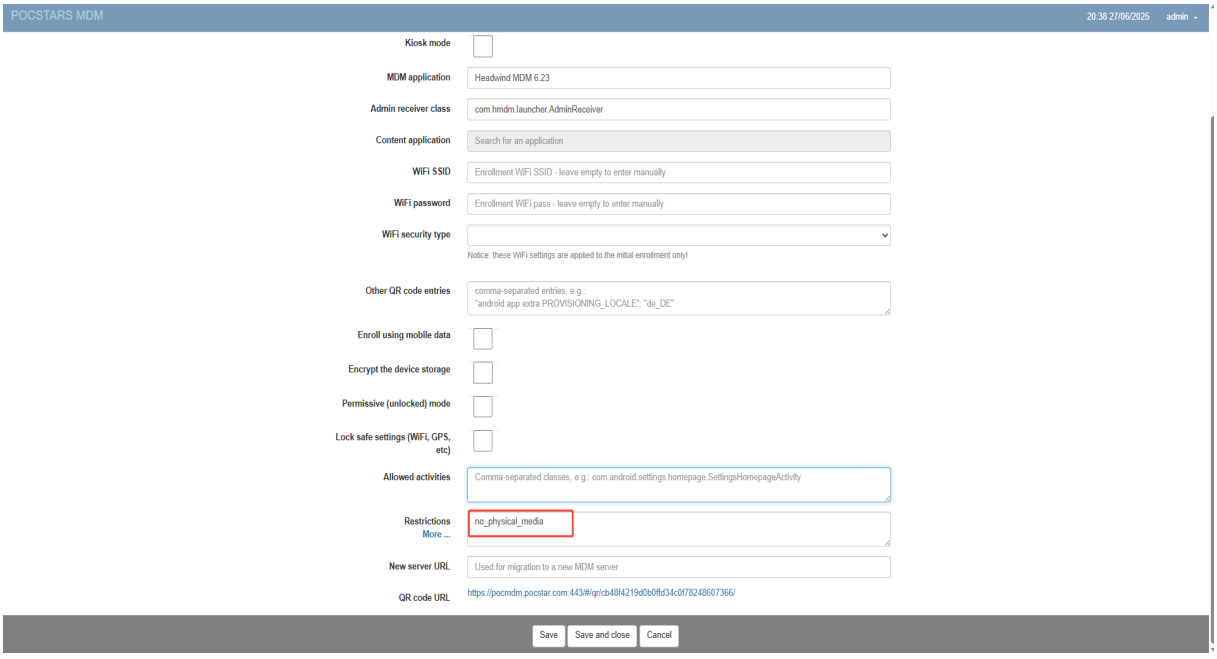




1.5.3 Sending SMS



1.5.4 using SD Card no_physical_media

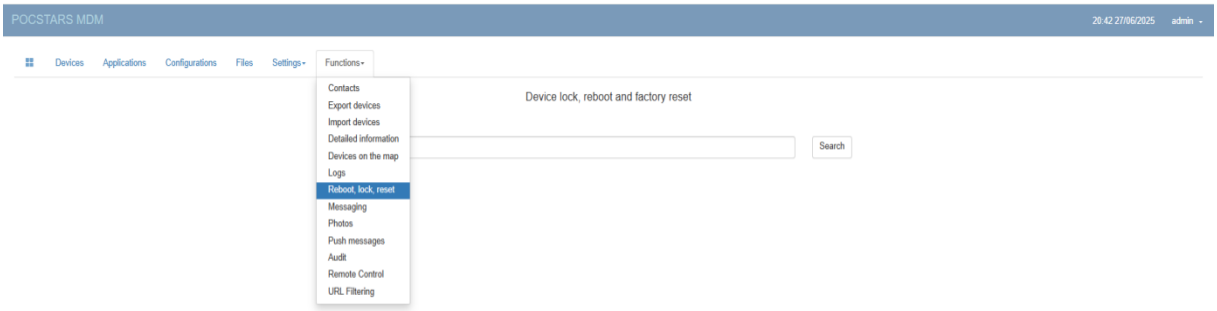


open

```
C:\Users\Administrator\Desktop\platform-tools>adb shell
ZN138:/ $ ls
acct        config         dev             lost+found  oem          second_stage_resources  system_ext
apex        d              etc             metadata    postinstall  storage                 vendor
bin         data           init            mnt         proc         sys                     vendor_dlkm
bugreports  data_mirror    init.environ.rc odm         product      system
cache       debug_ramdisk  linkerconfig    odm_dlkm    sdcard       system_dlkm
ZN138:/ $ cd sdcard
ZN138:/sdcard $ ls
Alarms   Audiobooks  Documents  Movies  Notifications  Podcasts    Ringtones
Android  DCIM        Download   Music   Pictures       Recordings
ZN138:/sdcard $
```

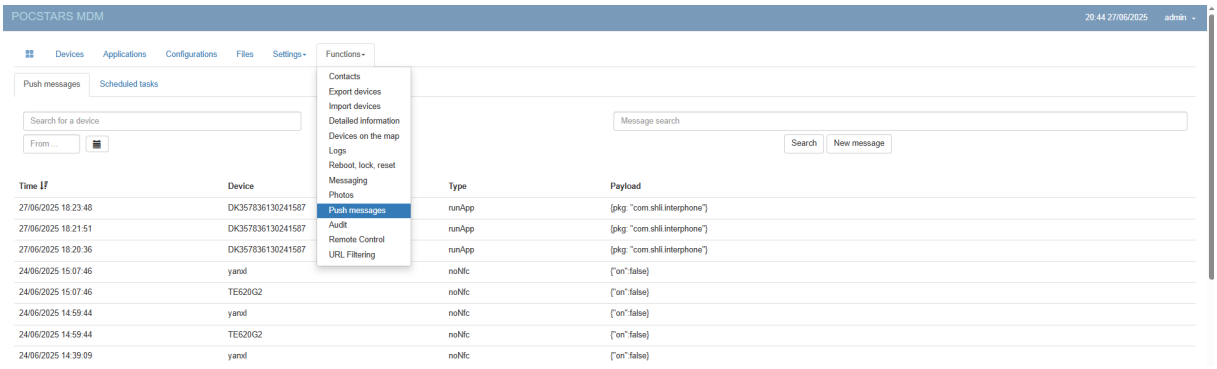
1.6 Can command 5G data receivers to perform tasks such as restarting, clearing data, and resetting the factory settings at least

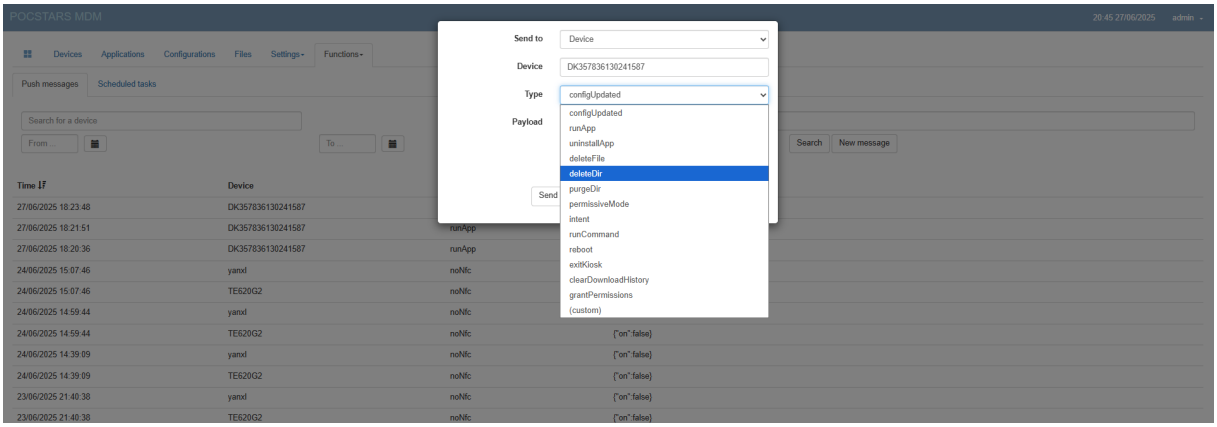
1.6.1 Reboot



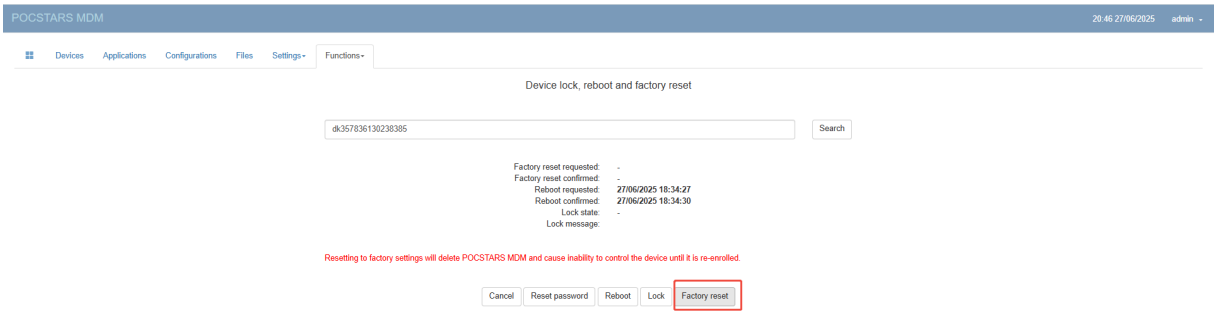
1.6.2 Clearing Data

Clear files in a certain path through certain instruction

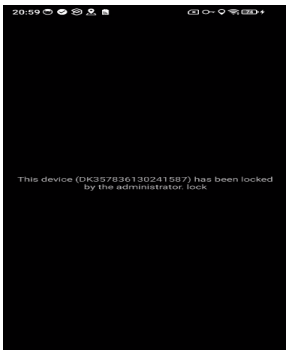




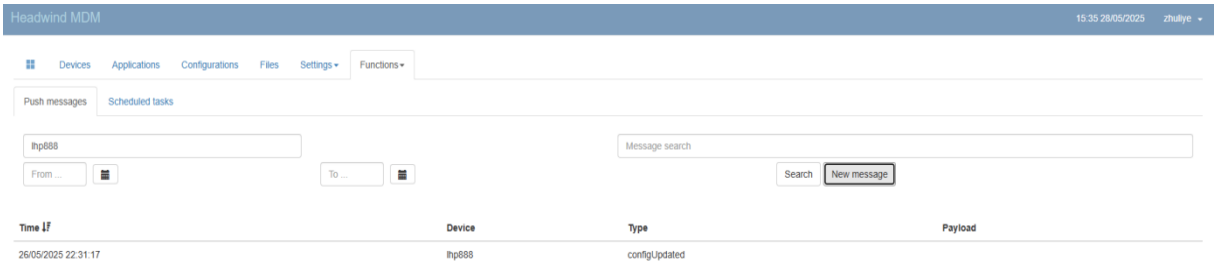
1.6.3 Resetting the factory settings

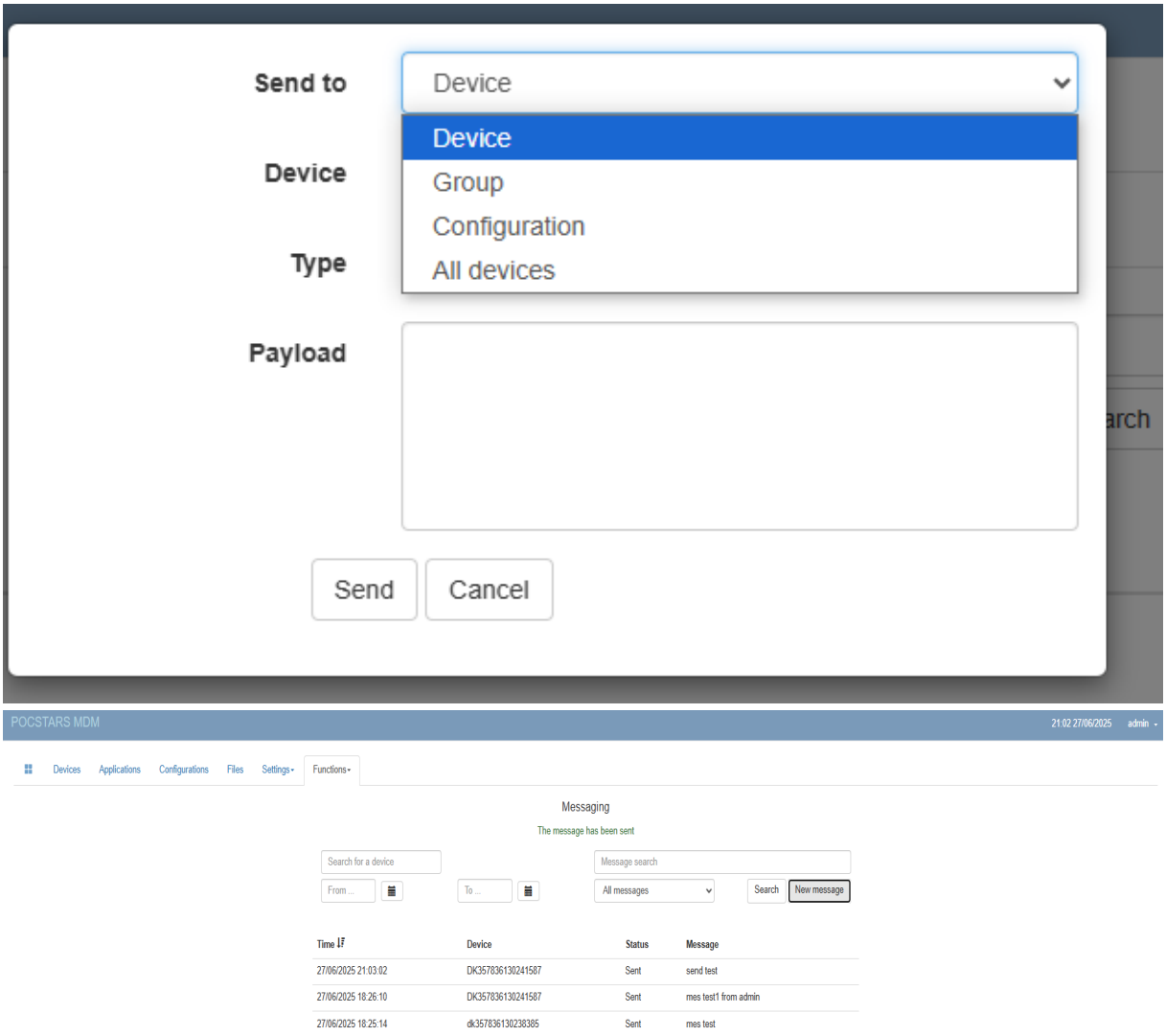


1.7 Can command 5G data receivers to lock in case the device is lost or stolen and can be unlocked



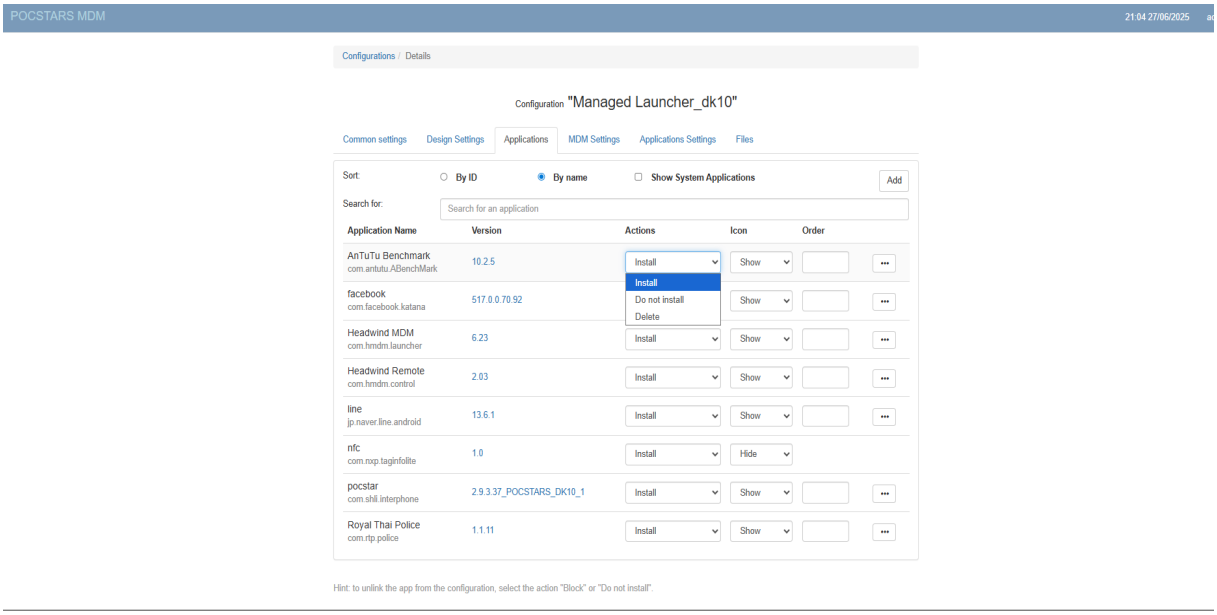
1.8 Can send messages to 5G data receivers individually or multiple devices at the same time

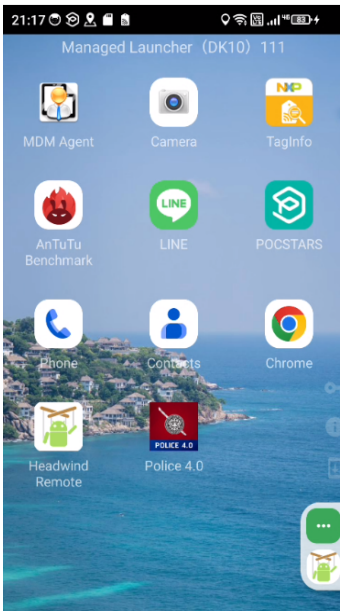




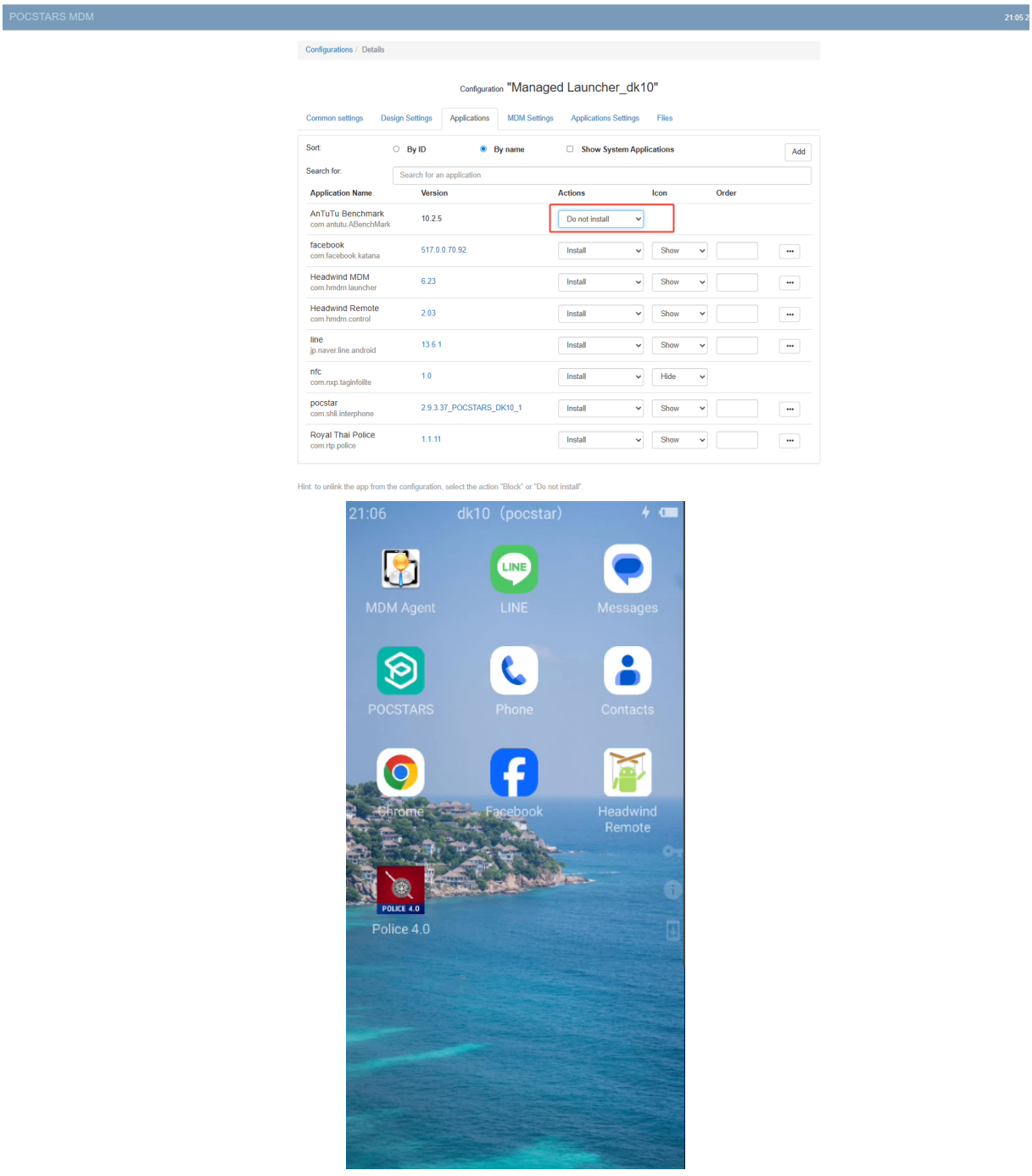
1.9 Can control the installation of applications that are allowed or not allowed to be installed

install：

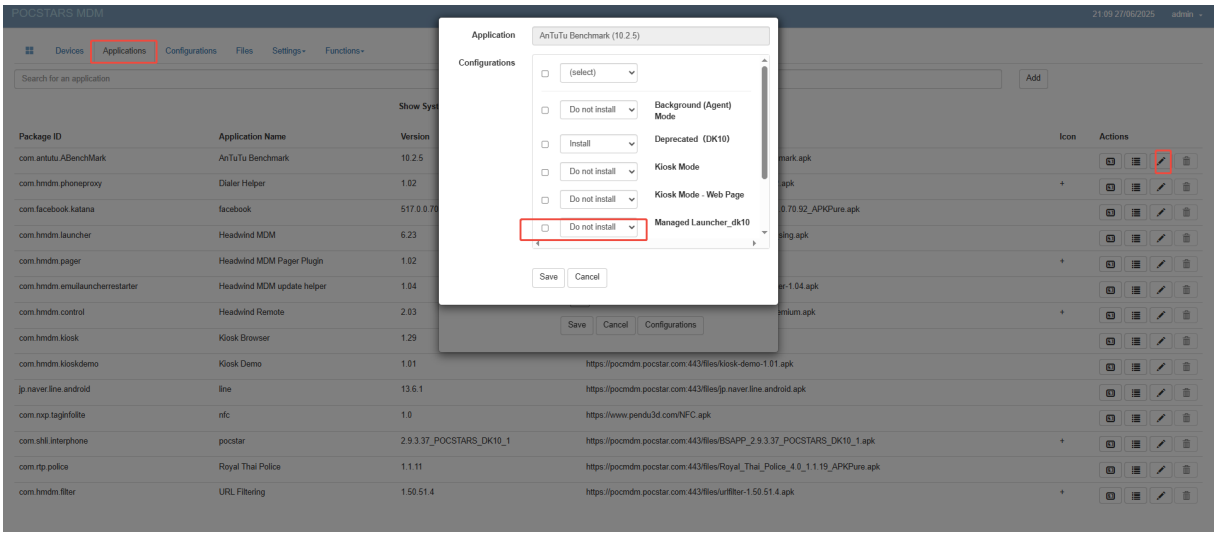

POCSTARS MDM
21:04 27/06/2025
Configurations / Details
Configuration "Managed Launcher_dk10"
Common settings
Design Settings
Applications
MDM Settings
Applications Settings
Files
Sort:
By ID
By name
Show System Applications
Add
Search for:
Search for an application
Application Name
Version
Actions
Icon
Order
AnTuTu Benchmark
com.antutu.ABenchMark
10.2.5
Install
Show
facebook
com.facebook.katana
517.0.0.70.92
Install
Do not install
Delete
Headwind MDM
com.hmdm.launcher
6.23
Headwind Remote
com.hmdm.control
2.03
line
jp.naver.line.android
13.6.1
nfc
com.nxp.taginfolite
1.0
Hide
pocstar
com.shil.interphone
2.9.3.37_POCSTARS_DK10_1
Royal Thai Police
com.rtp.police
1.1.11
Hint: to unlink the app from the configuration, select the action "Block" or "Do not install".

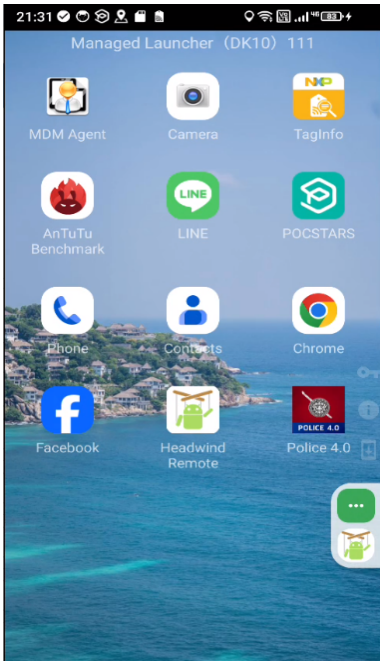

21:17
Managed Launcher (DK10) 111
MDM Agent
Camera
TagInfo
AnTuTu Benchmark
LINE
POCSTARS
Phone
Contacts
Chrome
Headwind Remote
Police 4.0

uninstall

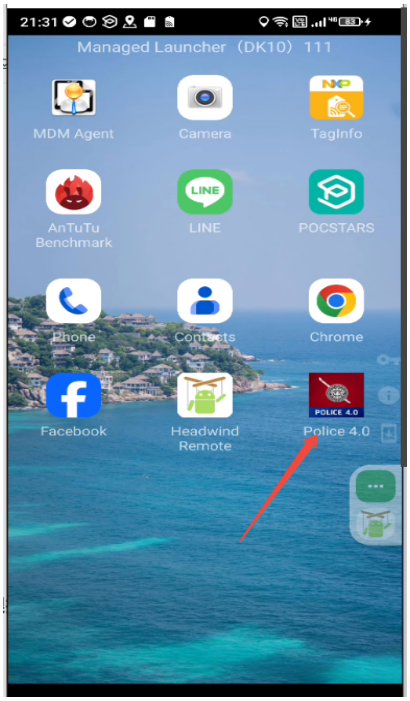

POCSTARS MDM
Configurations / Details
Configuration "Managed Launcher_dk10"
Common settings
Design Settings
Applications
MDM Settings
Applications Settings
Files
Sort:
By ID
By name
Show System Applications
Add
Search for:
Search for an application
Application Name
Version
Actions
Icon
Order
AnTuTu Benchmark
com.antutu.ABenchMark
10.2.5
Do not install
facebook
com.facebook.katana
517.0.0.70.92
Install
Show
Headwind MDM
com.hmdm.launcher
6.23
Headwind Remote
com.hmdm.control
2.03
line
jp.naver.line.android
13.6.1
nfc
com.nxp.taginfolite
1.0
Hide
pocstar
com.shli.interphone
2.9.3.37_POCSTARS_DK10_1
Royal Thai Police
com.rtp.police
1.1.11
Hint: to unlink the app from the configuration, select the action "Block" or "Do not install".
21:06
dk10 (pocstar)
MDM Agent
LINE
Messages
POCSTARS
Phone
Contacts
Chrome
Facebook
Headwind Remote
Police 4.0

1.10 Can order the installation or removal of applications on 5G data receivers



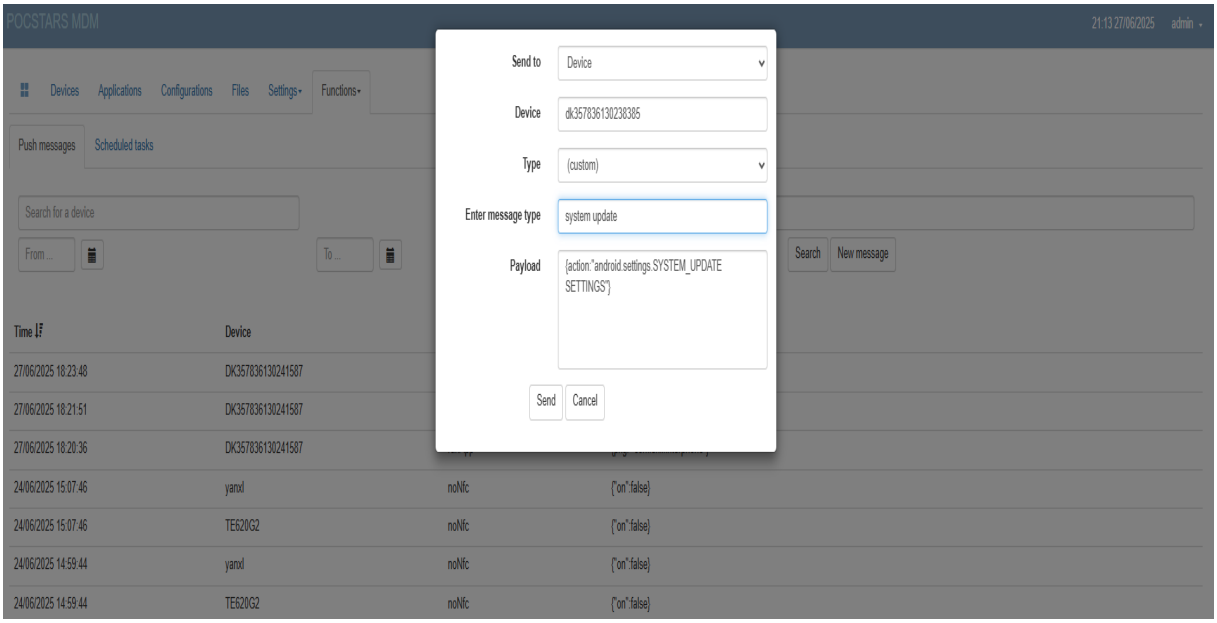


1.11 There is an app market application for collecting applications of the Royal Thai Police

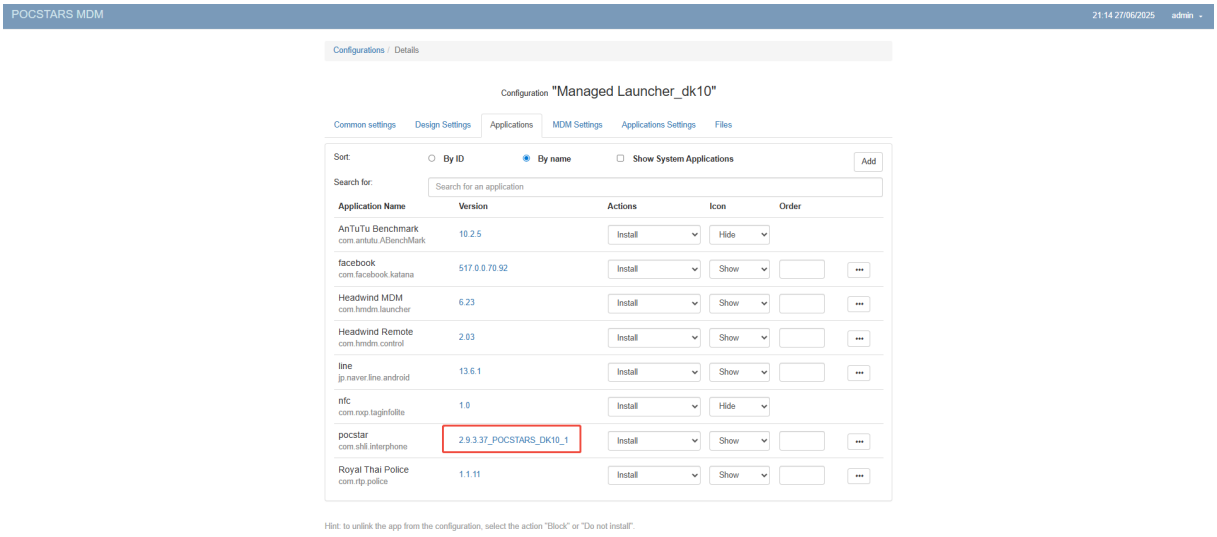


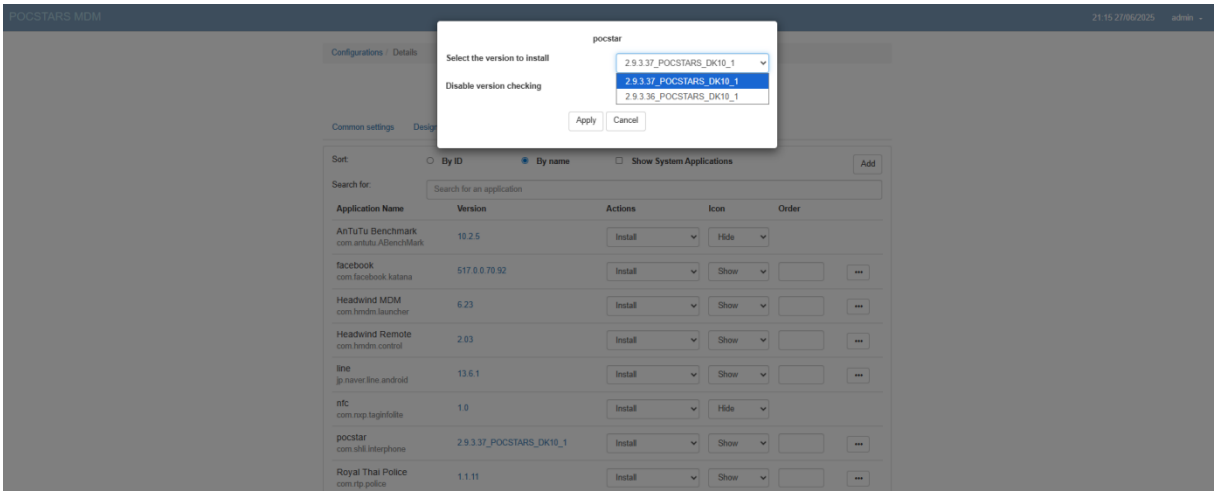
1.12 Can order the upgrade of firmware and applications on 5G data transceivers

1.12.1 Order the Upgrade of Firmware

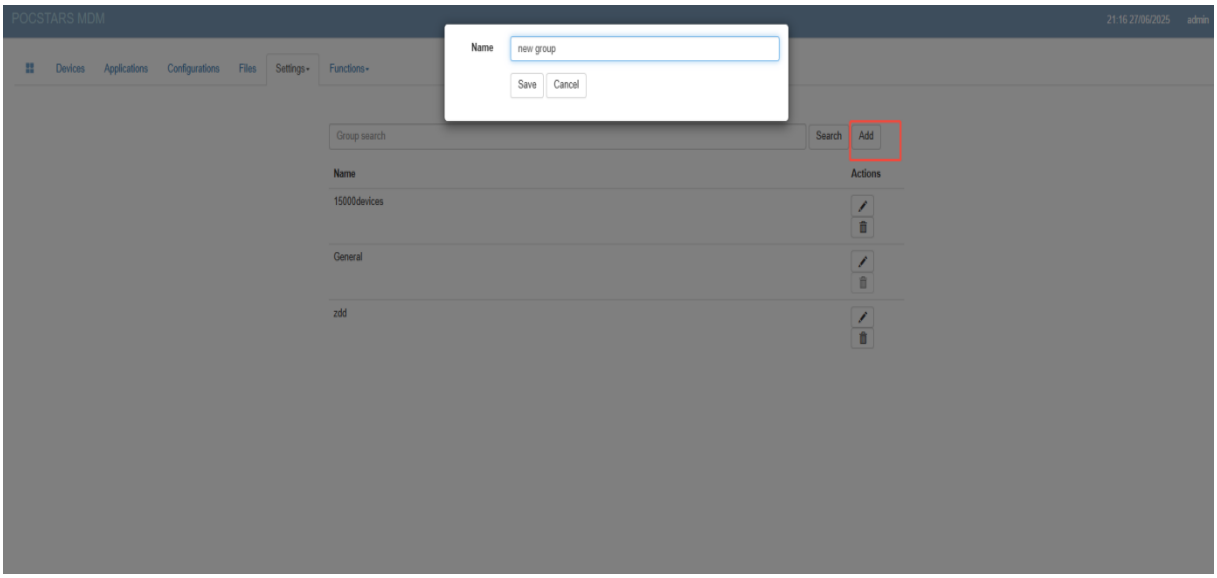


1.12.2 applications

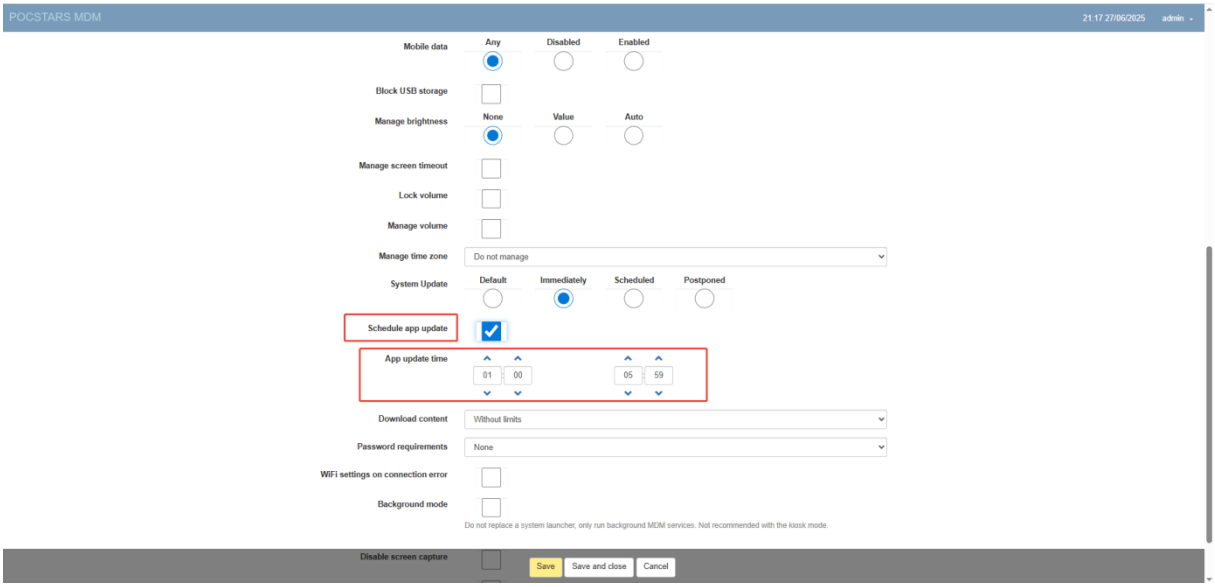




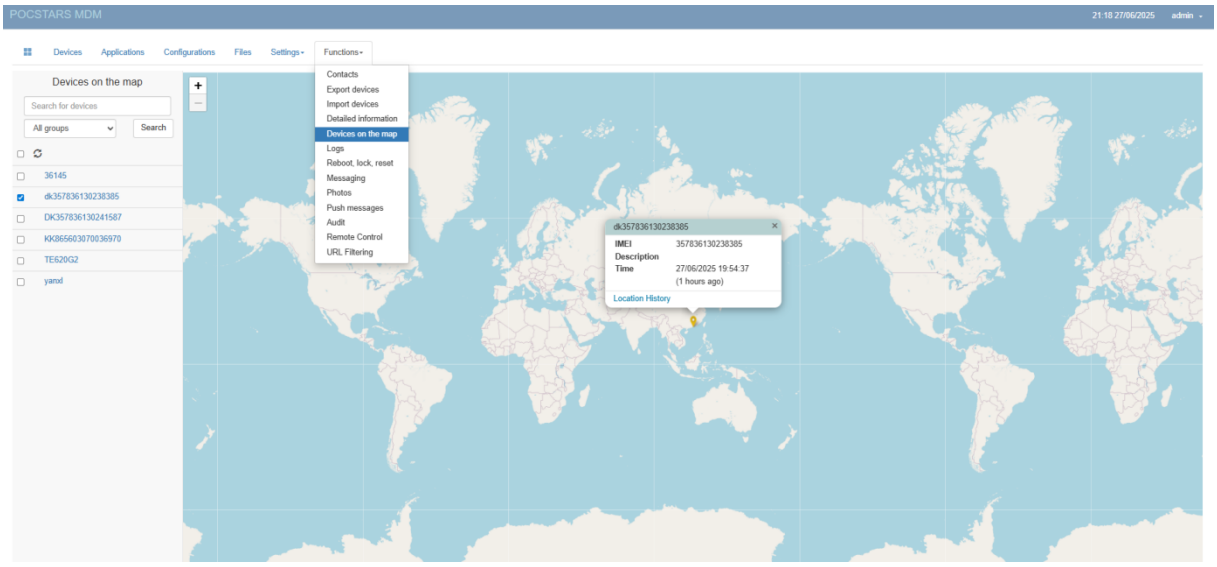
1.13 Can manage and control 5G data transceivers individually and in groups



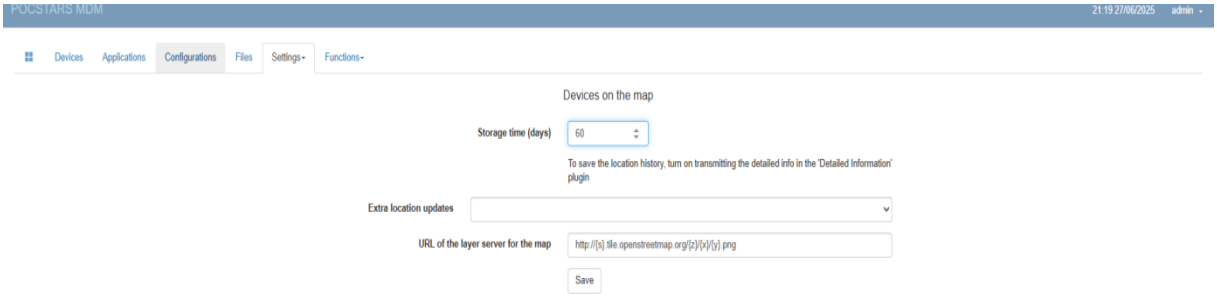
1.14 Can set the desired settings (Policy) to be automatically applied to 5G data transceivers for a period of time or as desired



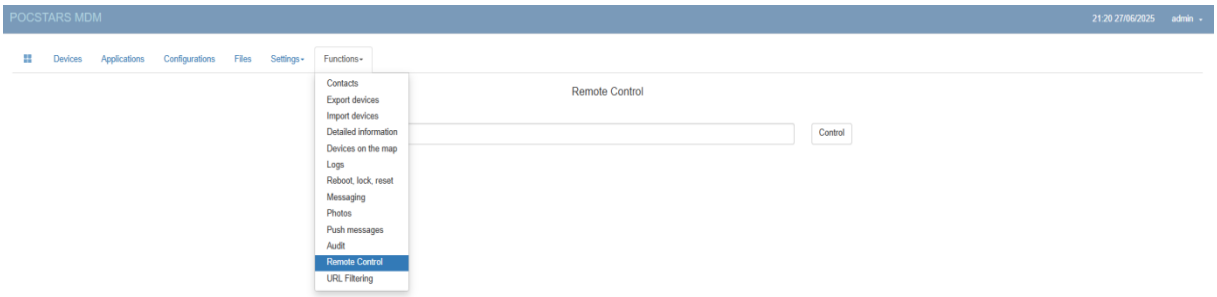
1.15 Can display the coordinates of 5G data transceivers on the map for each device

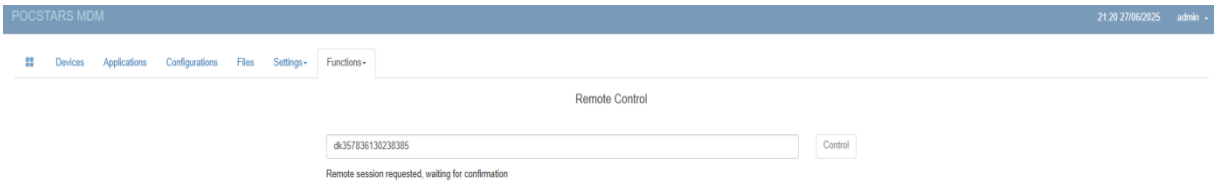


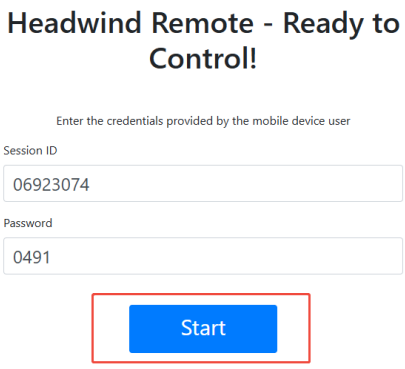
1.16 Can display the coordinates of client devices on the map for each device for at least 60 days

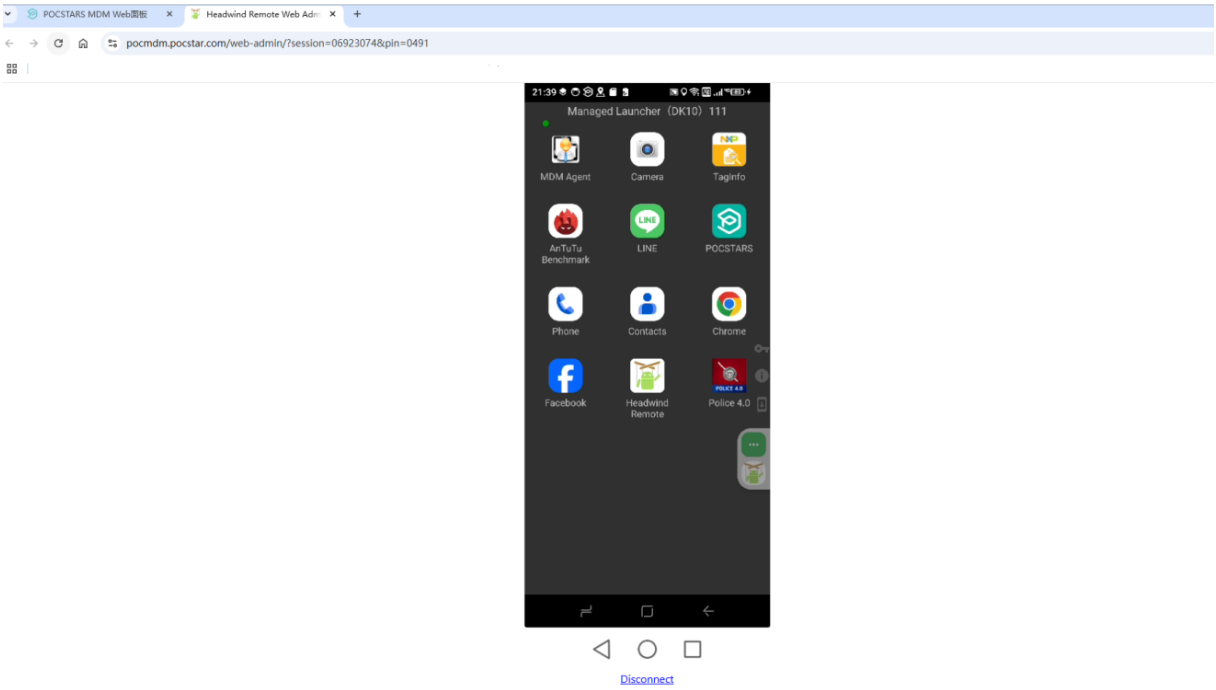


1.17 Can control 5G data transceivers from a distance (Remote Control) or by installing a Remote Control application for staff to provide assistance and solve problems or control usage

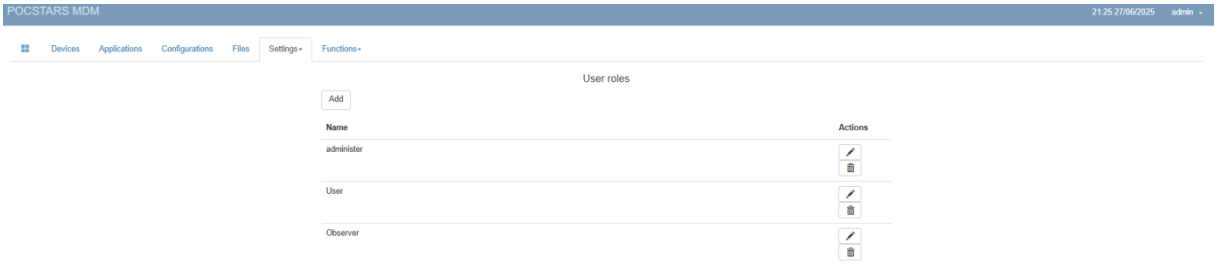




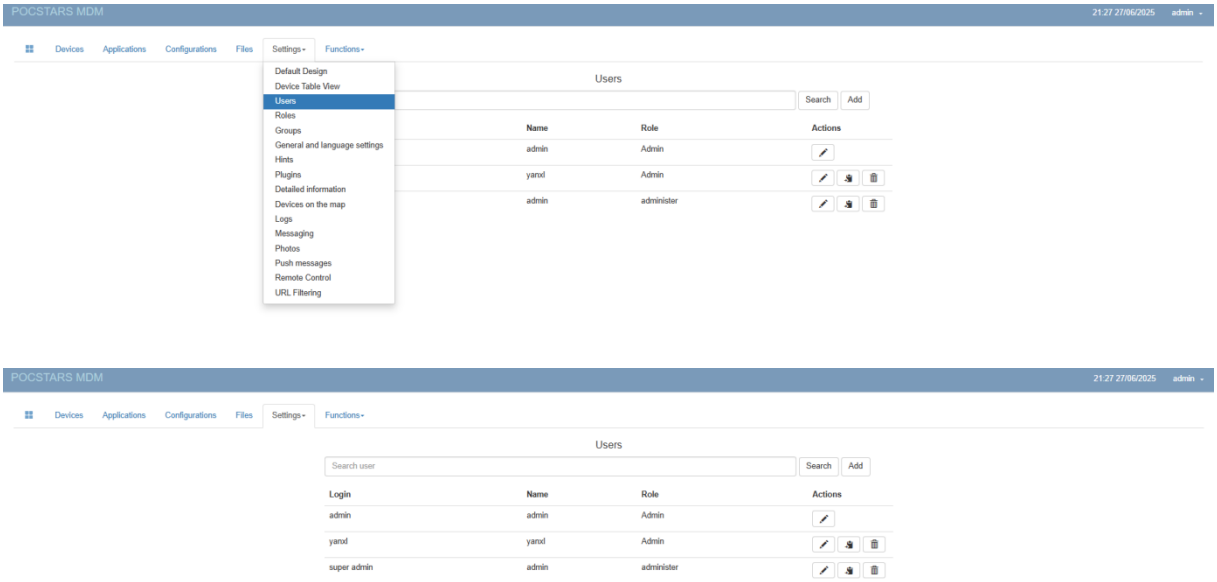




1.18 There is a system to prevent access by type and level of users with username and password at least.



1.19 There is a super administrator account (Super Admin) of not less than 1 account to manage all client devices, including creating and setting the rights to use the administrator account (Admin) of not less than 100 accounts.



1.20 It is a system with a perpetual license that can manage and control client devices (Client) according to the number of devices proposed in the project.

1.21 The system can be installed on the host computer by installing it in the central location as specified by the Police Communication Division, Office of Information and Communication Technology, Royal Thai Police.

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