

Release notes v9.2

XRY Release v9.2 – w/c Oct 5th 2020

What's new

- New action for Android devices: Capture screenshot
- New extraction log: High level summary
- New integrated 'action' selection in step-by-step process
- Support for iOS14
- Checkm8: now retrieving knowledgeC.db database
- New support for Discord on iOS
- Photon improvements
- Automated new version notification



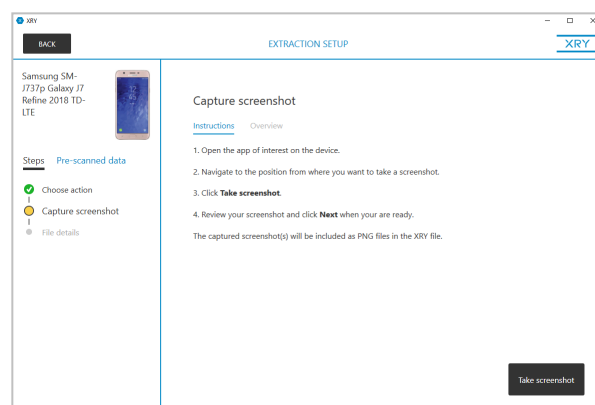
Added support for iOS 14

CAPTURE ANDROID SCREENSHOT

The v9.2 release comes with a brand new feature which allows the capture of screenshots from supported devices (Android v4+ with ADB enabled).

With this new action, Frontline users can quickly record specific evidence and capture information as it is displayed on screen.

Use the new action to capture as many screenshots from the device as required. You can review and delete them in the XRY user interface as needed, to ensure you have captured all the required data. They are added as pictures in the .xry file for analysis in XAMN.

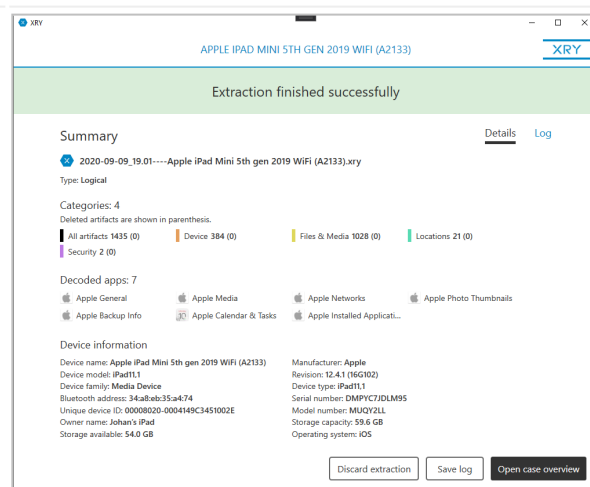


Capture screenshot.

NEW SUMMARY LOG DISPLAY

After an extraction completes, users will be presented with a new view option of the XRY audit log file to aid their understanding.

The summary log includes key data, such as artifact statistics and device information. The interface is now aligned with the new tab based options to switch between the summary and traditional detailed audit log file in XRY. Users can alternate between both options with a simple click of the links. Select either 'Details' or 'Log' to get more information about the extraction. The Details page is displayed by default.



The new summary log.

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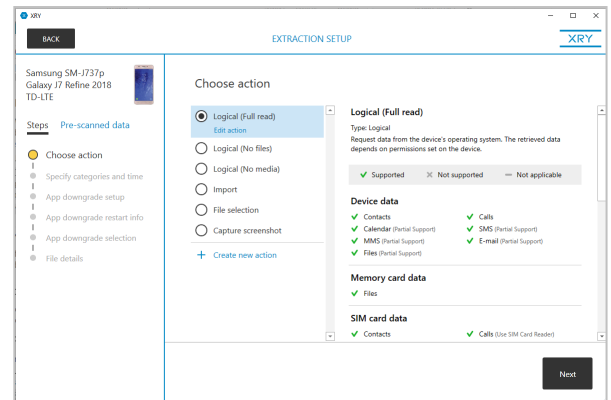
<https://forum.msab.com>

MSAB

INTEGRATED ACTION SELECTION

We have improved the 'Action' selection user interface in XRY v9.2. The step by step extraction process is now fully integrated and offers dynamic displays for all the relevant steps that each action requires. Users can now see the different steps required on the left hand side of the display, for each extraction action in advance. You can also add new or edit actions on the fly in the new Choose action list.

In the left hand panel of the user interface, users can also switch between the 'Steps' and 'Pre-scanned' data tabs at any time during the step by step process.

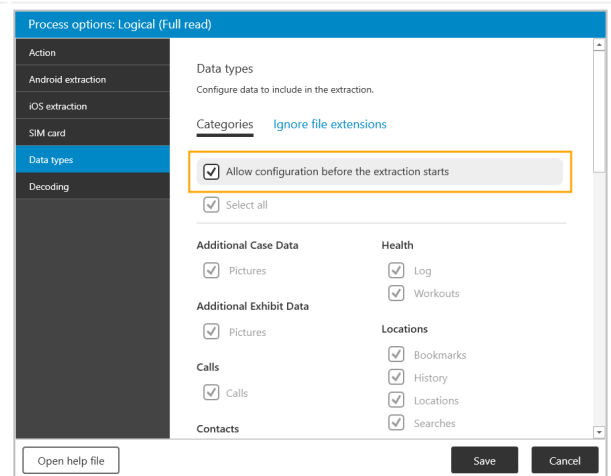


Choose action selection.

ADMIN CONTROLLED CATEGORY SELECTION

You can allow or disallow pre-extraction configuration of categories in the **Specify categories and time** feature. Tick the check box under the Data types > Categories tab to allow configuration.

This can be useful, if you prefer that users only use standard extraction profiles and do not make their own choices at the granular level, when it comes to selection of data at the individual category level.



Allow category selection.

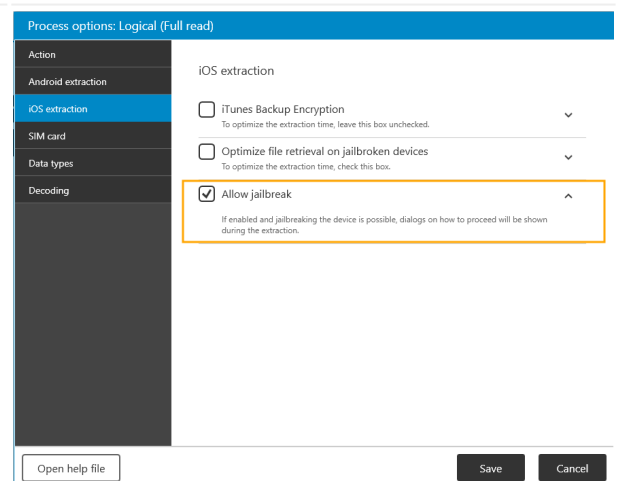
PROCESS OPTIONS - iOS EXTRACTION

We have added an option to allow jailbreaking. You can configure the jailbreak setting under the iOS extraction tab in the Process options dialog.

CHECKM8

Via checkm8, the **knowledgeC.db** database is now retrieved. The knowledgeC.db database contains important and interesting activity information, such as, battery usage, app install/uninstall and app activity, media activity, web (Safari) activity, calendar activity, and location activity.

We have also improved the stability on Before First Unlock (BFU) extractions using the Checkm8 exploit.



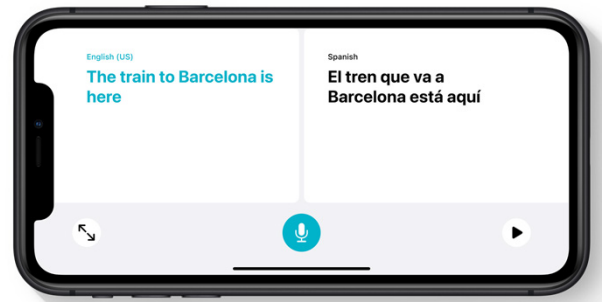
The process option to allow jailbreak.

iOS 14

We have full official support for iOS 14, including new support for family relations, Apple Maps, and Apple Translate.

IMPROVED GRAYKEY KEYCHAIN IMPORT

Importing GrayKey extraction data into XRY now imports the keychain data automatically. Select the **Grayshift GrayKey iOS Import** device profile and then import the folder where the GrayKey data files `<uuid>_files_full.zip` and `<uuid>_keychain.plist` are located. The keychain data will now be imported and decoded automatically by the XRY iOS decoder.



The new iOS app: Apple Translate.

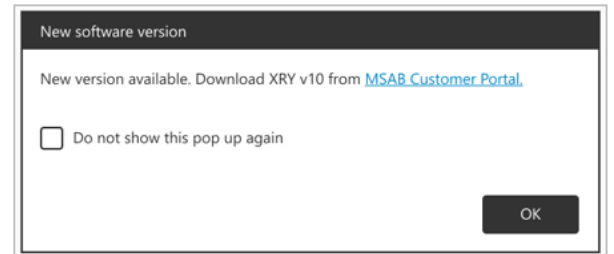
A screenshot of a file explorer window showing a list of files. The files are organized into columns: Name, Date modified, Type, and Size. The files listed are: files_full.zip (79 KB), files.zip (6 495 725 KB), keychain.plist (360 KB), mem.zip (1 498 496 KB), and passwords.txt (12 KB).

Name	Date modified	Type	Size
files_full.zip	2019-04-25 14:29	Adobe Acrobat D...	79 KB
files.zip	2019-04-25 14:40	ZIP File	6 495 725 KB
keychain.plist	2019-04-25 14:40	PLIST File	360 KB
mem.zip	2019-04-25 14:43	ZIP File	1 498 496 KB
passwords.txt	2019-04-25 14:43	Text Document	12 KB

GrayKey data files.

NEWER VERSION AVAILABLE?

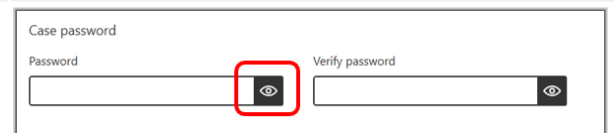
If a newer version of XRY is made available on the MSAB Customer Portal, you can now be notified by a pop-up dialog when starting the software. This feature requires an Internet connection. You can enable or disable this feature from Options > General settings in XRY.



New version available.

UPDATED CREATE PASSWORD FIELD

Added the option to view and check characters when creating passwords in the Create case form. To view the password while creating it, click the eye icon.



Eye icon on create password.

Photon improvements

Photon can now handle dual instances of the same app on the same device. Photon searches for additional instances of supported apps and offers users the choice of which app to select for extraction.

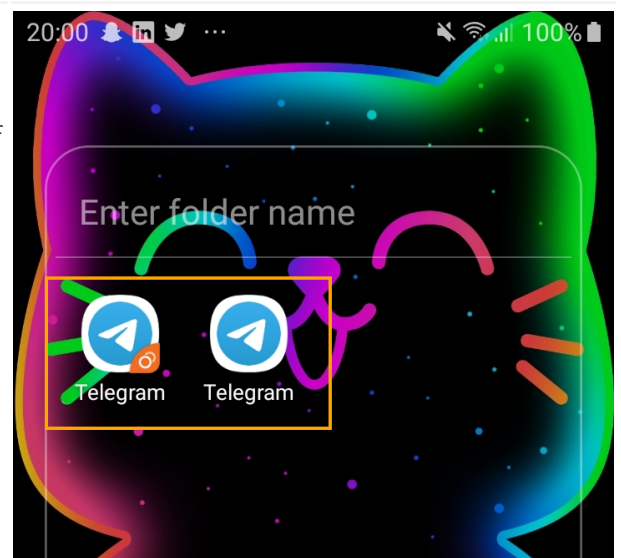
PHOTON MANUAL

Improved Photon Manual's chat container and swipe coordinate detection.

PHOTON TELEGRAM

Added support for account names without additional description text and channels are now assigned to Social Group instead of Contacts.

Improved date filters.



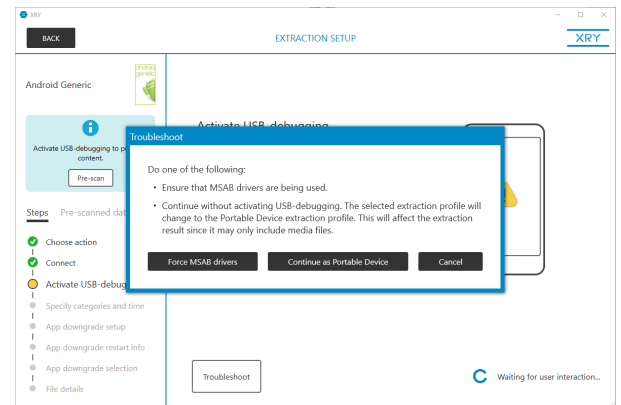
A device can have double app instances, now you can select which one to extract.

Android

Stability improvements to app downgrade functionality and improved detection of system apps.

IDENTIFYING DEVICES USING THE ANDROID GENERIC PROFILE

We've added a **Troubleshoot** button to the extraction setup to make it easier for you to continue if a device is not automatically identified. When extracting an unsupported device using the Android Generic Profiles, you can get extra help at the USB debugging step in the extraction setup process. Click **Troubleshoot** and then force MSAB Drivers to identify the device.



Troubleshooting dialog in XRY.

FILE SELECTION SUPPORTS ADB PROTOCOL

File selection now supports ADB protocol and by that more devices, if the device is rooted you can get access to the whole file system. This is applicable for file selection extractions on Android devices with USB debugging enabled.

KaiOS

WHATSAPP

Added support for Status Updates and read/unread status of messages.
Reply messages are now linked.

MMS

Improved decoding of MMS on KaiOS devices.

KaiOS



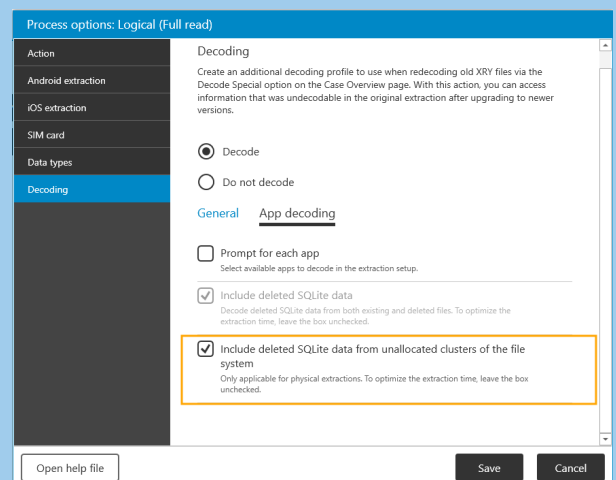
Improved support of WhatsApp on KaiOS.

DID YOU KNOW?

XRY can retrieve deleted SQLite data from unallocated clusters of the file system.

Open Process options, go to the Decoding tab, click App decoding and select *Include deleted SQLite data from unallocated clusters of the file system*.

Note! Only applicable for physical extractions.



Solved issue on Nokia 105 (TA-1203)

Fixed an issue on Nokia 105 (TA-1203) which had swapped values for dialed and received calls. Call direction is now decoded correctly since XRY v9.1.3.

Warrant Returns

- Added support for detailed warrant return decoding for Facebook and Instagram. Supported features are Accounts, Chats, Files, Network information, partial support for Contacts, and Status updates (Facebook).
- Improved selection dialog for Apple warrant returns.

MSAB Access Services

- Added decoding support for apps in Samsung Secure Folder.
- **LG with Qualcomm chipset**
Updated and improved the bruteforce dialog.
Added the possibility to resume a previously aborted bruteforce attempt.

CodeMeter installer v7.10a

The new CodeMeter software (v7.10a) is now available on the [MSAB Customer Portal](#). The new software offers security enhancements, download it from the portal and contact support@msab.com for more information.

Apps in 9.2

ANDROID APPS



Bigo Live

Added support for extracting cached Messages and Contacts (partial).
Added downgrade support.



Houseparty

Added support for extracting Accounts, Contacts, Social Groups, Messages, and Calls.
Added downgrade support.



Zello

Added support for deleted audio messages (plain audio file in View Files & Media/Audio).
Added support for showing which user has added the account to a group (not always available).

iOS APPS



Discord

Added support for decoding cached Messages, Social Groups, and Contacts.



Apple Contacts

Improved support for family relations in iOS 14.



Apple Mail

Improved decoding.



Apple Maps

Support for iOS 14.



Apple Translate

Support for new app in iOS 14.



Facebook Messenger

Now linking audio attachments with messages.

Improved display of message direction and name of message senders.



KakaoTalk

Accounts: Improved display of Country code and Updated field, added "Contact" field to display user defined ID.

Contacts: Improved display of Country code. Last activity time now supports time zones.

Messages: Added support for details and descriptions of emoticon messages (without the actual emoticon image).



WhatsApp

Improved display of Calls and Group Calls.



Viber

Improved handling of external URL links.



Zalo

Improved display of Birthday data.

Avatar and QR code images are now linked.

Added longitude/latitude location data to attachment items where applicable.

254 NEW DEVICES IN
XRY LOGICAL

Advan
Hammer R1X
Alba
ACF28
Alcatel
OT-2007x, OT-5033x 1, OT-5047u U5 HD, OT-5070d Pop Star
Apple
iOS Checkm8
au by KDDI
Infobar XV KYX31, Kyocera Digno rafre KYV36
BBK
Vivo Y11 (vivo 1906), Vivo Y31a TD-LTE Dual SIM (PD1505), Vivo Y91i Dual SIM TD-LTE (1820)
Black Bear
i7 Trio, A10, A60, A80 Pro, BV6000s
BLU
C150 Click
BrandCode
B8250
bundy
Uno
CamoPhone
X2 Rugged Outdoor
Caterpillar
CAT B15
Chinese Chipsets
X8 7 (7up can), X8 Double Win (Starbucks can), X8 Fenta (Fanta can), X8 Red Bule (Red Bull can)
Contixo
V8
Coolpad
Quattro II 801ES 4G
Counterfeit
Audi X5 Mini Car Key, Ferrari Mini Car Key Phone, GuoPhone Land Rover XP9800, hyc G07 Gogole, M8110 (Nokia 8110 Mini), Nokia 106, Nokia M2500 mini phone, Nokia T3310 Flap phone, Nokia X6 (WG6), Samsung Galaxy A50, Samsung Galaxy S7, Samsung GT-i9190 Galaxy S4 mini, Sasmsung Galaxsy S9, X5 BMW Car Key phone, X8 Bentley Car Key phone
Cubot
J7, King Kong, P30

Doro
2414 (DFC-0150), Primo 366, Primo 571
Ear rhyme
M9 BT Headset Phone
Easyfone
V300
Fero
F1801
Fonerange
Rugged SOS (FRRUGGEDSOS)
Fujitsu
Arrows me F-04K LTE, Disney Mobile on docomo F-03F
Google
Pixel 3 XL Global TD-LTE (G013C)
Haier
G31
Heemax
H4
H-Mobile
SM_B310e Duos
hope
AK009 Pen Phone Lighter Flashlight, BM10 Micro Phone
Huawei
Ascend G630-U20, dtab Compact D-01J, dtab Compact d-02H, Enjoy 7 Plus TRT-AL00A Dual SIM TD-LTE, G Elite Plus SLA-L03 LTE, H1611 Ascend XT LTE, Honor 20 Lite LRA-AL00 Dual SIM TD-LTE CN, Honor 20 YAL-L21 Global Dual SIM TD-LTE, Honor 20s YAL-AL50 Premium Edi. Dual SIM TD-LTE CN, Honor 4A SCL-L03 LTE Dual SIM, Honor 5c NEM-L21 Dual SIM TD-LTE, Honor 6a DLI-L22 Dual SIM LTE, Honor 8x JSN-L23 Dual SIM TD-LTE, Honor 9 STF-AL00 Standard Edi. Dual SIM TD-LTE, Honor 9 STF-L09s Dual SIM TD-LTE, Honor 9x Pro HLK-AL00 Dual SIM, Honor Note 8 EDI-AL10 Premium Ed. Dual SIM TD-LTE, Honor Play 3 ASK-AL00x Prem. Edi. Dual SIM TD-LTE CN, Honor Play 4T AKA-AL10 Dual SIM, Honor Play 4T Pro AQM-AL10 Dual SIM, Honor Play COR-L29 Global Dual SIM TD-LTE, Honor Waterplay 8 HDL-W09 WiFi, Honor X10 5G TEL-AN00a Prem. Edi. Dual SIM TD-LTE, Mate 20 Lite SNE-AL00 Dual SIM TD- LTE, Mate 20 Lite SNE-LX3 Dual SIM LTE- A, Mate RS NEO-L29 Porsche Design Dual SIM TD-LTE, Mate S CRR-CL00 Standard Edition Dual SIM TD-LTE, MatePad 10.4 2020 BAH3-W09 WiFi, MatePad Pro MRX-W09 Premium Edi. WiFi,

MediaPad M5 Lite BAH2-W19 10 WiFi, MediaPad M5 SHT-W09 8.4 WiFi, MediaPad T2 BGO-DL09 7.0 TD-LTE, MediaPad T3 BG2-W09 7.0 2017 WiFi, MediaPad T3 KOB-L09 8.0 2017 TD- LTE, MediaPad T5 AGS2-L09 TD-LTE, Nova 3e ANE-LX2j Dual SIM TD-LTE, Nova 5 Pro SEA-AL10 Dual SIM TD- LTE CN, Nova 5i GLK-AL00 Standard Edi. Dual SIM TD-LTE CN, Nova 5i Pro SPN-AL00 Standard Edi. Dual SIM TD-LTE CN, Nova 6 SE JNY-AL10 Dual SIM TD- LTE CN, Nova 7 5G JEF-AN00 Dual SIM TD- LTE, Nova 7 SE 5G CDY-AN00 Dual SIM TD-LTE, P20 EML-L09c Global TD-LTE, P20 Pro CLT-L04 TD-LTE, P40 Lite JNY-LX1 Dual SIM TD-LTE, P8 Lite ALE-UL00 Dual SIM TD-LTE, Y3 2018 CAG-L03, Y3 II LUA-L21 Dual SIM LTE, Y3II LUA-L13 4G Dual SIM LTE, Y5 2019 AMN-LX2 LTE-A, Y5 Lite CRO-L03 2017 LTE AM, Y5 MYA-L02 2017 TD-LTE, Y6p MED-LX9 Dual SIM, Y7p 2020 ART-L28 Dual SIM TD-LTE APAC, Y9 2019 JKM-AL00 Standard Edi. Dual SIM TD-LTE, Y9 2019 JKM-TL00 Dual SIM
Hytera
PNC370 LTE WIFI POC-radio
Intex
iRist Smartwatch 3G
JJA
BM70 BT Headset Phone
L8Star
BM60 mini, BM90 BT Headset Phone
Laiml
Porsche 918 Mini Car Key Phone
Leagoo
Venture 1
LeEco
X625 Le2 Pro TD-LTE Dual SIM
Lenovo
IdeaPad S6000-F (60031), Tab 2 A8-50F WiFi
Lexibook
GSM20AV – Iron Man
LG
D958 G Flex, G710pm G7 ThinQ TD-LTE NA, H340gt Leon LTE, H918 V20 LTE-A, H932 V30+ TD-LTE, LML4141dL Premier Pro LTE (TracFone), LM-Q710CS Stylo 4 LTE US, LM-Q710us Stylo 4 LTE US, LM-Q710wa Q Stylo+ 4 LTE-A, LM-V405ua V40 ThinQ TD-LTE, LM-X210cm Fortune 2 LTE K Series K8 2018, LM-X410mk K Series K30 LTE, LS840ZVK Viper 4G LTE, SP320 X Series X Charge TD-LTE, TP260 K Series K20 plus 2017 LTE-A, V400 G Pad 7

M.I.L
XQ890
Medion
Life P5001 (MD98644)
Meixunda
T58 GPS KidsTracker Smart Watch
Meizu
Pro 6 M570q Dual SIM TD-LTE, U20 Meilan Dual SIM TD-LTE (U685H)
Mito
185, 890
Mlais
M9
MobiWire
FP-1, Nokosi
Motorola
XT1681 Moto G5 Plus Dual SIM LTE AM, XT1756 Moto C LTE LATAM, XT1921-2 Moto E5 Cruise TD-LTE, XT1925-12 Moto G6 TD-LTE, XT1955-5 Moto G7 Power TD-LTE
Nabi
NBTY07SMKG
Newmind
F15+ Porsche Cayanoa Car Key Phone
Nexcom
C1000 Dual SIM (Nokia 3310)
Nokia
106 (TA-1190), 106 Dual SIM (TA-1114), 5 Global TD-LTE (TA-1024), 6.1 Dual SIM TD-LTE (TA-1068)
Nous
NS 3 (NS3)
NTT DoCoMo
Samsung SC-03K Galaxy S9+ TD-LTE JP (SM-G965D)
NUU Mobile
A4L (N5001L), A6L UC, A7L (N5002L)
OnePlus
6 Dual SIM Global TD-LTE A6000
Opel Mobile
SmartFlip 4G (OMSFP18B)
Oppo
A71k 2018 Dual SIM TD-LTE (CPH1801), A77 Dual SIM TD-LTE, A83 Dual SIM TD-LTE (CPH1729)
OUKITEL
C17 Pro
Pantech
IM-A890L Vega Secret Note
Pelitt
Mini 1
Plum
E600 Ram 6
Polaroid

LINK A4
Polytron
C 24G
POSH
Orion S450
Qualcomm
QRD8x26
Que
Connect 3.5
Samsung
SM-A102u1 Galaxy A10e 2019 TD-LTE US, SM-A107M Galaxy A10s 2019 LTE, SM-A202d Galaxy A20 TD-LTE JP SC-02M, SM-A202J Galaxy A20 WiMAX 2+ SCV46, SM-A205g DS Galaxy A20 2019 Dual SIM TD-LTE, SM-A205u Galaxy A20 2019 TD-LTE US, SM-A205w Galaxy A20 2019 TD-LTE CA, SM-A205yn Galaxy A20 2019 TD-LTE, SM-A305GN DS Galaxy A30 2019 TD-LTE, SM-A305GT DS Galaxy A30 2019 TD-LTE, SM-A305J Galaxy A30 2019 TD-LTE JP SCV43-u, SM-A307G DS Galaxy A30s 2019 Dual SIM TD-LTE, SM-A307GN DS Galaxy A30s 2019 Dual SIM TD-LTE, SM-A505g DS Galaxy A50 2019 Dual SIM TD-LTE, SM-A505w Galaxy A50 2019 TD-LTE CA, SM-A5070 DS Galaxy A50s 2019 Dual SIM, SM-A507FN DS Galaxy A50s 2019 Global Dual SIM, SM-A530d Galaxy A8 2018 LTE JP SC-02L, SM-A600a Galaxy A6 2018 LTE, SM-A605GN DS Galaxy A6+ 2018 TD-LTE, SM-G611m Galaxy J7 Prime 2, SM-G611MT DS Galaxy J7 Prime 2, SM-G950j Galaxy S8 WiMAX 2+ SCV36, SM-G960w Galaxy S9 TD-LTE, SM-G9650 DS Galaxy S9+ Duos TD-LTE, SM-G965J Galaxy S9+ WiMAX 2+ SCV39, SM-G973u Galaxy S10 TD-LTE US, SM-G985F DS Galaxy S20+ Global Dual SIM TD-LTE, SM-J415f DS Galaxy J4+ 2018 Duos Global TD-LTE, SM-M107F DS Galaxy M10s 2019 Global Dual SIM TD-LTE, SM-N920a Galaxy Note 5 LTE-A, SM-Z200y Z2 Duos TD-LTE
Satrend
A10
Sony
Xperia 8 SOV42, Xperia A4 LTE SO-04G, Xperia X Performance TD-LTE 502so, Xperia X Performance TD-LTE SO-04H, Xperia XZ TD-LTE SO-01J, XperiaXZ2 SOV37
Soyes
7S+ Mini Card

STK
M Phone XL
Strawberry Mobile
ST1 Warrior
Sunup
K8688
Switel
M910
Tecno
Spark 3 (KB7)
Telstra
Essential Plus 2 (5001T)
teXet
TM-B330
TP-LINK
TP803a Neffos Y50 LTE
TTfone
TT31 Venus 2
Ulefone
S1
Uniwa
X5
WIKO
Freddy (V3903BN), Jerry3 Dual SIM M2147 (W_K300), Pulp (S5420), Rainbow Lite (S5222), Rainbow Up (s5400), Riff 3 Plus (W-B2460), Sunny 3 (W_K120), View 2 (W_C800)
Vphone
M3
X-AGE
K501
Xiaomi
Mi 6X (Mi A2) Dual SIM TD-LTE CN (M1804D2SE), Mi Note 2 Standard Ed. Dual SIM TD-LTE (2015211)
XOX
Morpheus
Zanco
AMO 505, AS1i, tiny
ZTE
A612 Blade
Zyrex
ZS278 (Nokia 3310)

168 NEW DEVICES IN XRY PHYSICAL EXTRACTION

Advan
Hammer R1X
Alba
ACF28
Alcatel

OT-2007x, OT-5046g A30, OT-5054w Fierce XL, OT-5070d Pop Star
Archos
Sense 47x
belz
B10
Black Bear
i7 Trio
Blackview
BV6000s
BLU
C150 Click
BrandCode
B8250
bundy
Uno
CamoPhone
X2 Rugged Outdoor
Caterpillar
CAT B15
CGG
SR638A
Chinese Chipsets
Nioka F29, Samsee F13, Ttinle Y918 Car Lighter Phone, X8 7 (7up can), X8 Double Win (Starbucks can), X8 Fenta (Fanta can), X8 Red Bule (Red Bull can)
Counterfeit
Audi X5 Mini Car Key, Ferrari Mini Car Key Phone, hyc G07 Gogole, M8110 (Nokia 8110 Mini), Nokia 106, Nokia M2500 mini phone, Nokia T3310 Flap phone, Nokia X6 (WG6), Samsung Galaxy A50, Samsung Galaxy S7, Samsung GT-i9190 Galaxy S4 mini, Sasmsung Galaxsy S9, X5 BMW Car Key phone, X8 Bentley Car Key phone
Cubot
King Kong
DEAPPO
F1
Doro
2414 (DFC-0150), Primo 366, Primo 571
Ear rhyme
M9 BT Headset Phone
Essentiel B
Clap 180
Fero
F1801
FKD
A2
Fonerange
Rugged SOS (FRRUGGEDSOS)

Fuxen
Classic Mini
Haier
G31
Heemax
H4
H-Mobile
SM_B310e Duos
hope
AK009 Pen Phone Lighter Flashlight, BM10 Micro Phone
Huawei
dtab Compact D-01J, dtab Compact d-02H, Honor 20 Lite LRA-AL00 Dual SIM TD-LTE CN, Honor 20 YAL-L21 Global Dual SIM TD-LTE, Honor 20s YAL-AL50 Premium Edi. Dual SIM TD-LTE CN, Honor 5c NEM-L21 Dual SIM TD-LTE, Honor 8x JSN-L23 Dual SIM TD-LTE, Honor 9 STF-AL00 Standard Edi. Dual SIM TD-LTE, Honor 9 STF-L09s Dual SIM TD-LTE, Honor 9x Pro HLK-AL00 Dual SIM, Honor Note 8 EDI-AL10 Premium Ed. Dual SIM TD-LTE, Honor Play 3 ASK-AL00x Prem. Edi. Dual SIM TD-LTE CN, Honor Play COR-L29 Global Dual SIM TD-LTE, Honor Waterplay 8 HDL-W09 WiFi, Mate 20 Lite SNE-AL00 Dual SIM TD-LTE, Mate 20 Lite SNE-LX3 Dual SIM LTE-A, Mate RS NEO-L29 Porsche Design Dual SIM TD-LTE, Mate S CRR-CL00 Standard Edition Dual SIM TD-LTE, MediaPad M5 Lite BAH2-W19 10 WiFi, MediaPad M5 SHT-W09 8.4 WiFi, MediaPad T5 AGS2-L09 TD-LTE, Nova 3e ANE-LX2j Dual SIM TD-LTE, Nova 5 Pro SEA-AL10 Dual SIM TD-LTE CN, Nova 5i Pro SPN-AL00 Standard Edi. Dual SIM TD-LTE CN, Nova 6 SE JNY-AL10 Dual SIM TD-LTE CN, P20 EML-L09c Global TD-LTE, P20 Pro CLT-L04 TD-LTE, P8 Lite ALE-UL00 Dual SIM TD-LTE, Y7p 2020 ART-L28 Dual SIM TD-LTE APAC, Y9 2019 JKM-AL00 Standard Edi. Dual SIM TD-LTE, Y9 2019 JKM-TL00 Dual SIM
i Kall
K37
imose
Kampe II
inovu
A7i
Jass Mobile
JM 1
Jivi
Banana 6
JJA
BM70 BT Headset Phone
Konrow
Chipo

L8Star
BM60 mini, BM90 BT Headset Phone
Laiml
Porsche 918 Mini Car Key Phone
Leagoo
Venture 1
Lenovo
Tab 2 A8-50F WiFi
Lexibook
GSM20AV – Iron Man
LG
D958 G Flex, H340gt Leon LTE, H870ds G6 Dual SIM TD-LTE, M430 Stylo 3 LTE-A (LG PH3), SP320 X Series X Charge TD-LTE, TP260 K Series K20 plus 2017 LTE-A, V400 G Pad 7
LYF
Earth 1 (LS-5501)
M.I.L
XQ890
Manta
MA424N Smartwatch
media-tech
MT846
Medion
Life P5001 (MD98644)
Meixunda
T58 GPS KidsTracker Smart Watch
Micromax
X742
Mito
185, 890
MLais
M9
MobiWire
FP-1, Nokosi
Newmind
F15+ Porsche Cayanoa Car Key Phone
Nexcom
C1000 Dual SIM (Nokia 3310)
NUU Mobile
A3, A4L (N5001L)
Pantech
IM-A890L Vega Secret Note
Pelitt
Mini 1
Plum
E600 Ram 6
Polytron
C 24G
Que
Connect 3.5
Samsung

SM-A202d Galaxy A20 TD-LTE JP SC-02M,
SM-A205g DS Galaxy A20 2019 Dual SIM TD-LTE,
SM-A205u Galaxy A20 2019 TD-LTE US,
SM-A305J Galaxy A30 2019 TD-LTE JP SCV43-u,
SM-A307GN DS Galaxy A30s 2019 Dual SIM TD-LTE,
SM-A505g DS Galaxy A50 2019 Dual SIM TD-LTE,
SM-A505w Galaxy A50 2019 TD-LTE CA,
SM-A507FN DS Galaxy A50s 2019 Global Dual SIM,
SM-A600a Galaxy A6 2018 LTE,
SM-G960u Galaxy S9 TD-LTE,
SM-G960w Galaxy S9 TD-LTE,
SM-M105f DS Galaxy M10 Duos TD-LTE,
SM-M107F DS Galaxy M10s 2019 Global Dual SIM TD-LTE

Satrend
A10
SelecLine
892404 (RF043)
SOL
Clio B2400
Sonica Mobile
230
Soyes
7S+ Mini Card
STK
M Phone XL
Strawberry Mobile
ST1 Warrior, ST3 Banana (Nokia 8110)
Sunup
K8688
Switel
M910
TechMade
TechSmart Pocket 280 (PM280)
teXet
TM-B330
TP-LINK
TP803a Neffos Y50 LTE
TTfone
TT31 Venus 2
Ulefone
S1
Uniwa
X5
Wave
One (Nokia 3310)
Venera
Aktiv 118 Tango Waffle
WIKO
Freddy (V3903BN), Pulp (S5420), Rainbow Lite (S5222), Rainbow Up (s5400), Riff 3 Plus (W-B2460)
XOX
Morpheus

Yezz
4E
Zanco
AMO 505, AS1i, tiny
ZTE
A612 Blade
Zyrex
ZS278 (Nokia 3310)

123 NEW DEVICES IN XRY PHYSICAL DECODING

Advan
Hammer R1X
Alba
ACF28
Alcatel
OT-2007x, OT-5046g A30, OT-5054w Fierce XL, OT-5070d Pop Star
Apple
Warrant Return
Archos
Sense 47x
belz
B10
Black Bear
i7 Trio
Blackview
BV6000s
BLU
C150 Click
BrandCode
B8250
bundy
Uno
CamoPhone
X2 Rugged Outdoor
Caterpillar
CAT B15
Chinese Chipsets
Nioka F29, Samsee F13, Ttinle Y918 Car Lighter Phone, X8 7 (7up can), X8 Double Win (Starbucks can), X8 Fenta (Fanta can), X8 Red Bule (Red Bull can)
Counterfeit
Audi X5 Mini Car Key, Ferrari Mini Car Key Phone, hyc G07 Gogole, M8110 (Nokia 8110 Mini), Nokia 106, Nokia M2500 mini phone, Nokia T3310 Flap phone, Nokia X6 (WG6), Samsung Galaxy A50,

Samsung Galaxy S7, Samsung GT-i9190 Galaxy S4 mini, Sasmsung Galaxsy S9, X5 BMW Car Key phone, X8 Bentley Car Key phone
Cubot
King Kong
Doro
2414 (DFC-0150), Primo 366, Primo 571
Ear rhyme
M9 BT Headset Phone
Essentiel B
Clap 180
Fero
F1801
FKD
A2
Fonerange
Rugged SOS (FRRUGGEDSOS)
Fuxen
Classic Mini
Haier
G31
Heemax
H4
H-Mobile
SM_B310e Duos
hope
AK009 Pen Phone Lighter Flashlight, BM10 Micro Phone
i Kall
K37
imose
Kampe II
inovu
A7i
Jass Mobile
JM 1
Jivi
Banana 6
JJA
BM70 BT Headset Phone
Konrow
Chipo
L8Star
BM60 mini, BM90 BT Headset Phone
Laiml
Porsche 918 Mini Car Key Phone
Leagoo
Venture 1
Lenovo
Tab 2 A8-50F WiFi
Lexibook
GSM20AV – Iron Man
LG
D958 G Flex,

H340gt Leon LTE, H870ds G6 Dual SIM TD-LTE, M430 Stylo 3 LTE-A (LG PH3), SP320 X Series X Charge TD-LTE, TP260 K Series K20 plus 2017 LTE-A, V400 G Pad 7
LYF
Earth 1 (LS-5501)
M.I.L
XQ890
Manta
MA424N Smartwatch
media-tech
MT846
Medion
Life P5001 (MD98644)
Meixunda
T58 GPS KidsTracker Smart Watch
Micromax
X742
Mito
185, 890
Mlais
M9
Newmind
F15+ Porsche Cayanoa Car Key Phone
Nexcom
C1000 Dual SIM (Nokia 3310)
NUU Mobile
A3, A4L (N5001L)
Pantech
IM-A890L Vega Secret Note
Pelitt
Mini 1
Plum
E600 Ram 6
Polytron
C 24G
Samsung
SM-A600a Galaxy A6 2018 LTE, SM-G960u Galaxy S9 TD-LTE, SM-G960w Galaxy S9 TD-LTE
Satrend
A10
SelecLine
892404 (RF043)
SOL
Clio B2400
Sonica Mobile
230
Soyes
7S+ Mini Card
STK
M Phone XL
Strawberry Mobile
ST1 Warrior, ST3 Banana (Nokia 8110)
Sunup

K8688
Switel
M910
TechMade
TechSmart Pocket 280 (PM280)
teXet
TM-B330
TP-LINK
TP803a Neffos Y50 LTE
TTfone
TT31 Venus 2
Ulefone
S1, S7
Uniwa
X5
Wave
One (Nokia 3310)
Venera
Aktiv 118 Tango Waffle
WIKO
Freddy (V3903BN), Pulp (S5420), Rainbow Lite (S5222), Rainbow Up (s5400), Riff 3 Plus (W-B2460)
Yezz
4E
Zanco
AMO 505, AS1i, tiny
ZTE
A612 Blade
Zyrex
ZS278 (Nokia 3310)

NEW DEVICES IN PASSCODES AND BYPASS

36 NEW DEVICES IN SECURITY CODE EXTRACT

MTK:

Chinese Chipsets X8 7 (7up can)
Chinese Chipsets X8 Double Win (Starbucks can)
Chinese Chipsets X8 Fenta (Fanta can)
Chinese Chipsets X8 Red Bule (Red Bull can)
Counterfeit Audi X5 Mini Car Key
Counterfeit Ferrari Mini Car Key Phone
Counterfeit hyc G07 Gogole
Counterfeit M8110 (Nokia 8110 Mini)
Counterfeit Nokia M2500 mini phone
Counterfeit Nokia X6 (WG6)
Counterfeit X5 BMW Car Key phone
Counterfeit X8 Bentley Car Key phone

Doro 2414 (DFC-0150)
Doro Primo 366
Doro Primo 571
Ear rhyme M9 BT Headset Phone
Fonerange Rugged SOS (FRRUGGEDSOS)
hope AK009 Pen Phone Lighter Flash-light
hope BM10 Micro Phone
JJA BM70 BT Headset Phone
L8Star BM60 mini
L8Star BM90 BT Headset Phone
Laiml Porsche 918 Mini Car Key Phone
Meixunda T58 GPS KidsTracker Smart Watch
Mito 890
Newmind F15+ Porsche Cayanoa Car Key Phone
Nokia 106 (TA-1190)
Nokia 106 Dual SIM (TA-1114)
Plum E600 Ram 6
Satrend A10
Soyes 7S+ Mini Card
Switel M910
teXet TM-B330
TTfone TT31 Venus 2
Venera Aktiv 118 Tango Waffle
Zanco tiny

47 NEW DEVICES IN SECURITY CODE PHYSICAL BYPASS

Android

Alcatel OT-5046g A30
Alcatel OT-5054w Fierce XL
Alcatel OT-5070d Pop Star
Archos Sense 47x
Blackview BV6000s
Caterpillar CAT B15
Counterfeit Samsung Galaxy A50
Counterfeit Samsung Galaxy S7
Counterfeit Samsung GT-i9190 Galaxy S4 mini
Counterfeit Sasmsung Galaxsy S9
Cubot King Kong
Haier G31
Leagoo Venture 1
Lenovo Tab 2 A8-50F WiFi
LG Android Generic Qualcomm Physical 3
LG D958 G Flex
LG H340gt Leon LTE
LG H870ds G6 Dual SIM TD-LTE
LG LS777 Stylo 3 TD-LTE
LG LS993 G6 TD-LTE
LG M430 Stylo 3 LTE-A (LG PH3)
LG SP320 X Series X Charge TD-LTE
LG TP260 K Series K20 plus 2017

LTE-A
LG V400 G Pad 7
LYF Earth 1 (LS-5501)
M.I.L XQ890
Medion Life P5001 (MD98644)
Mlais M9
MobiWire FP-1
MobiWire Nokosi
NUU Mobile A3
NUU Mobile A4L (N5001L)
Que Connect 3.5
Samsung SM-A600a Galaxy A6 2018 LTE
Samsung SM-G960u Galaxy S9 TD-LTE
Samsung SM-G960w Galaxy S9 TD-LTE
TP-LINK TP803a Neffos Y50 LTE
Uniwa X5
WIKO Freddy (V3903BN)
WIKO Pulp (S5420)
WIKO Rainbow Lite (S5222)
WIKO Rainbow Up (s5400)
Xiaomi Mi 5X Dual SIM TD-LTE CN (MDT2)
Xiaomi Redmi 4A
XOX Morpheus
Yezz 4E
ZTE A612 Blade

112 NEW DEVICES IN COMMUNITY VERIFIED

Alcatel
OT-2003g, OT-2053x, OT-5038x POP D5, OT-5051d Pop 4, OT-6012d Idol mini
Archos
Sense 47x
AT&T
Maestro (Tinno U202AA)
AVUS
A24
BLU
G0231WW G9 Pro, J090A Joy 3G, S910Q Studio Mega 2018, T390u Diva Flip, Z230L Zoey Smart
BMW
Motorrad Zumo 550
Brondi
King
Camophone
T2 Walkie Talkie Phone
Celkon
Diamond 4G Tab 8
Chinese Chipsets

DZ09 Smart Watch, Ghaonhomc V18, X8 Cola Caco Light (Coca Cola Light can), X8 Ppesi Max (Pepsi Max can)
Counterfeit
Audi Q1 Car Key Phone, BMW X6 Mini Car Key, CAT B25 Super Mini phone, iPhone 88 Dual SIM, iPhonee X, KK1 Nokia mini BT Headset Phone, NeoMan Z6mini(Huawei clone), Nokia BM90 BT Headset Phone, Oppo A9x (welcome Y90), Samsung A70, Samsung Galaxy A80, ULCOOL U2 Louis Vuitton, Vertu A8, Vertu M17 Super Mini Smartphone 4G, Vtretu V03 (Vertu)
DEAPPO
F1
Echo
Clap 2, Slide
Energizer
Energy E241s
Facebook
Warrant Return
FoxxD
Miro L590A
Garmin
Zumo 390
G-Five
Eco
Haier
L52
Harley-Davidson Road Tech
Zumo 660
hope
BM50 BT Headset Phone
Huawei
Ascend Y600-U151, Enjoy 10 Plus STK-AL00 Top Edi. Dual SIM TD-LTE CN, Honor 30 5G BMH-AN10, Honor 9A MOA-AL00 Dual SIM TD-LTE CN, Honor V6 KRJ-W09 10.4 WiFi, P20 Lite ANE-L03 Dual SIM LTE-A
Hytera
PNC380 POC Network Radio
Infinix
X503 Surf Bravo
Instagram
Warrant Return
Lava
Captain N1
Lenovo
A7020a48 Vibe K5 Note
Lexibook
GSM20FZ Disney Frozen
LG
LM-Q710TS Stylo 4 TD-LTE US

LYF
JioPhone F300B
Maze Speed
SSB504R
Meizu
m2 note Traveller Pro
Micromax
Q4202 Bolt Warrior 2
Motorola
XT1607 Moto G4 Play TD-LTE, XT2000-2 razr 2019 Global TD-LTE, XT2005DL Moto E6 TD-LTE NA
M-Party
Vertu K9 (S-819474)
Nokia
2720 Flip (TA-1173)
Nous
NS 3 (NS3)
ODYS
Titan 10 LTE
Oppo
A37f
OWN
Fun + (FTU161G)
Phicomm
E6750 Energy 3 Plus
Samsung
SM-A015F DS Galaxy A01 2019 Global Dual SIM TD-LTE, SM-A205gn DS Galaxy A20 2019 Dual SIM TD-LTE, SM-A207m DS Galaxy A20s 2019 Dual SIM TD-LTE LATAM, SM-A217F DS Galaxy A21s 2020 Dual SIM TD-LTE APAC, SM-F700F Galaxy Z Flip Global TD-LTE, SM-G981b DS Galaxy S20 5G Global Dual SIM TD-LTE, SM-G986B DS Galaxy S20+ 5G Global Dual SIM TD-LTE, SM-M115F DS Galaxy M11 Global Dual SIM TD-LTE, SM-M305M Galaxy M30 TD-LTE

Satrend
K8 Can
Servo
M25 Mini Phone, S09 Mini Cell Phone
Sky Devices
Platinum F5
SMT
X325
Snexian
Rock
Sony
Xperia XZ1 TD-LTE SO-01K
Supreme
BLU FW19 Burner Phone
Tecno
Camon CX Air LTE (H3713), F1 Dual SIM (VP510), F2 (VP510), L8 Lite,

Spark Plus K9 (H8018), W3, W5 Lite
True Slim
SSB-508E
ULCOOL
F1 Mini Flip (Motorola clone)
Ulefone
Armor 6e
Ultra Digital
Tablet UD74134A
Uniwa
BM70 BT Headset Phone
Ushining
W181
Verykool
s5007 Lotus Plus
WIKO
Jerry 2, Rainbow
Vodafone
VFD 630 Smart N10
X-BO
Sony 02
XGo DY
Mate 20 mini (Huawei Clone)
Xiaomi
Redmi 6 Dual SIM TD-LTE (M1804C3DH)
Y!mobile
608HW Huawei Nova Lite

52 NEW APPS IN 9.2

Android
Bigo Live (4.39.1)
Facebook Messenger (270.0.0.17.120), (277.0.0.12.116), (280.0.0.16.110), (281.0.0.15.120)
Grindr (6.18.1)
Houseparty (1.48.0)
Instagram (152.0.0.25.117), (158.0.0.30.123)
KakaoTalk (8.9.3) (8.9.7) (9.0.1)
Kik Messenger (15.26.1.22599)
Line (10.13.3)
LinkedIn (4.1.475)
Snapchat (11.0.6.82)
TamTam Messenger (2.14.1)
TikTok - Make Your Day (16.6.4)

TikTok Pte. Ltd. (16.6.4)
Twitter (8.57.0-release.00)
WhatsApp (2.20.189) (2.20.196.16) (2.20.198.15)
Viber (13.5.0.5)
Zello PTT Walkie Talkie (4.93.1) (4.96.3)

iOS

Apple Activities (1.0)
Apple Safari (13.0.4)
Discord (28.0)
Facebook Messenger (115.0) (270.1) (277.0) (280.0)
Instagram (150.0) (155.0)
KakaoTalk (8.9.2) (8.9.8)
Kik Messenger (15.23.0.14838)
Line (10.14.0)
LinkedIn (910.29)
TamTam Messenger (2.9.5)
TikTok - Make Your Day (16.6.2) (16.6.5)
Tinder (11.22.0)
WeChat (7.0.167.0.16)
WhatsApp (2.20.61.3) (2.20.81.3)
Viber (13.4.0)
Zalo (20.07.02)
Zello Walkie Talkie (4.9.0) (4.98.1)
WhatsApp (2.2020.31)