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Software and Hardware Release Notes

MobiWire Hinto 2





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Document Version History

Version	Delivery Date	Author	Reasons of Changes
V1.0	26/07/2024	A. PEZDIR	First « Release Note » release – Acc 1

1. SW version history

Version	Release Date	Project Manager	Milestone Release
V01.1	26/07/2024	A. PEZDIR	Initial validation – Acc1 SW V01.1_240722

2. Introduction

The known issues are listed in the release note.

MobiWire guarantee that the only changes made between the Software releases

MBW_Hinto2_SKU1_DS_ **V01.1_240709**

and

MBW_Hinto2_SKU1_DS_ **V01.1_240722**

are those detailed in the supplied release note, and that no known regression has been introduced in this build.

Consequently, we highly suggest that you focus on what listed in the release note to do the necessary tests.

3. General Information


a. Characteristics

This document describes the delivery to customer with the following characteristics:

Model Name	MobiWire Hinto 2 (GX278)
OS Version	Mocor (RTOS)
Software Version	MBW_Hinto2_SKU1_DS_ V01.1_240722
Hardware Version	P1
Processor	UNISOC T127 Single core @ 1.0 GHz

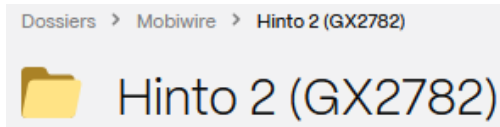
b. Software version identification

Customer	HW	SIMlock	VoLTE	VoWiFi	SVN
Orange France	Dual SIM	No	Yes	N/A	01

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c. SW delivery

SW is available on the **Orange ShareFile** in the folder “- Software”.



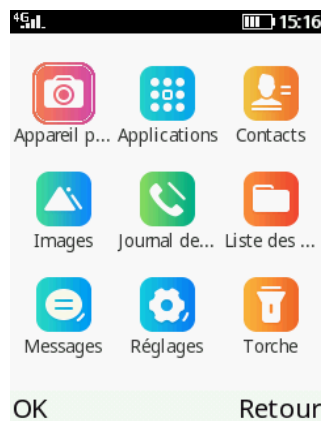
<https://orangedevices.securevdr.com/d-s4d2e2e3795a24d098481b15ed4146769>

d. IMEI-SV change history

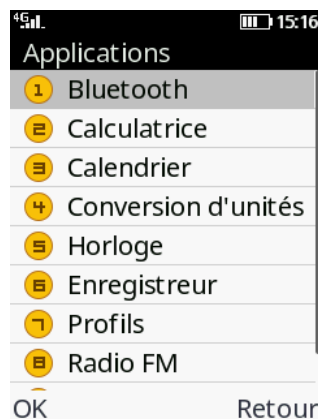
Software Version	IMEI-SV value
MBW_Hinto2_SKU1_DS_V01.1_240722	01


e. Applications

No 3rd Party applications inside. The main applications are in the menu by default:



The others are in the menu “Applications”:



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List of the applications in the current SW version:

1. Bluetooth
2. Calculator
3. Calendar
4. Converter
5. Clock
6. Audio
7. Profiles
8. FM Radio
9. STK

4. Fixed Bugs between SW version “V01.1_240709” and SW version “V01.1_240722”

The key updates in this Software Version include:

- Integration of the **Orange** settings and requirements

This table below is a list of issues that MobiWire has both been fixed and tested:

QC ID	Defect Summary	Description

Note:


- The fixes/changes included in this software version are based on the SW version MBW_Hinto2_SKU1_DS_ **V01.1_240709**.

5. Remaining issues – To correct for future Software release

These issues are already being handled within MobiWire and will be targeted for the future SW release. Consequently, it is not necessary to report these issues when found in the Software testing.

This section list known issues for the released Software Version:

Item	Description

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6. Design limitation

These issues are set as design limitations within MobiWire. Consequently, it is necessary to give your feedback on these issues instead of checking them into this Software.

This section lists design limitations for this Software Version:

Item	Design Limitation Description

7. Closed defects

These issues are closed by customer (confirmed fixed on previous software or not reproducible/inconsistent/not valid anymore).

Item	Closed defects Description


8. Hardware Release Note

- **Orange** Acc 1 to be done using technical samples: P1.

Here after the IMEIs of the samples of the 1st batch send the 25/07/2024.

		IMEI 1	IMEI 2	Who?
Orange	1	351 027 450 000 524	351 027 450 000 532	Sophie Delattre
	2	351 027 450 001 746	351 027 450 001 753	Sophie Delattre
	3	351 027 450 002 009	351 027 450 002 017	Fabrice Nakach
	4	351 027 450 001 928	351 027 450 001 936	Jose Saez
	5	351 027 450 002 447	351 027 450 002 454	Jose Saez
	6	351 027 450 002 462	351 027 450 002 470	Jose Saez
SETELIA	1	351 027 450 001 969	351 027 450 001 977	Alexandre Bouillot

To check IMEI, dial ***#06#**.

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9. Software flashing instructions

a. Drivers

Drivers must be installed on computer to:

- Perform SW upgrade (through .exe file provided by MBW)
- Use log tool “Logel” for logs retrieval

Drivers are available for Windows 7, Windows 8 and Windows 10, running on 32 bits or 64 bits system.

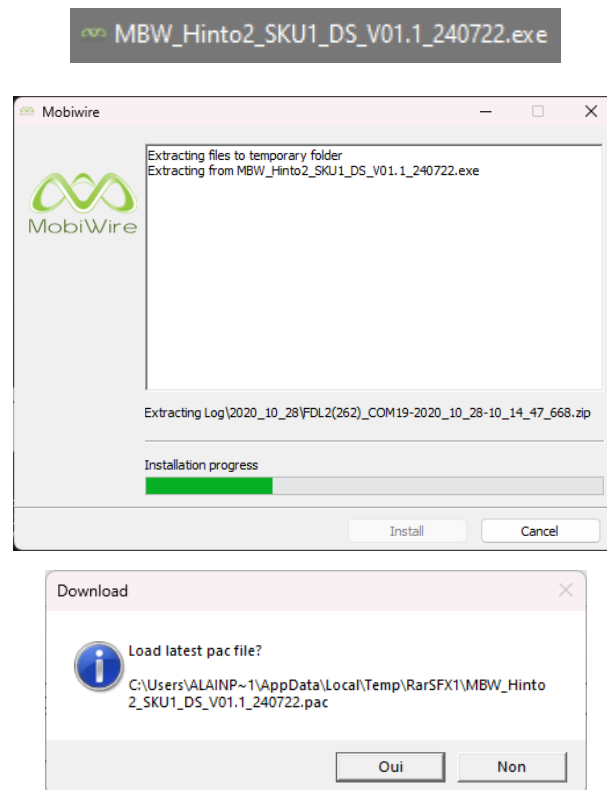
Full driver package is available on the **Orange ShareFile** in the folder “- Software”.

b. Flashing

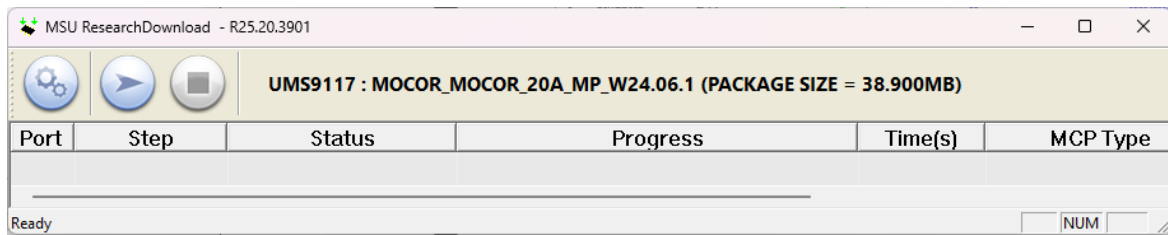
Please follow step by step procedure below:

NB: the procedure is valid for MBW_Hinto2_SKU1_DS_ **V01.1_240722**

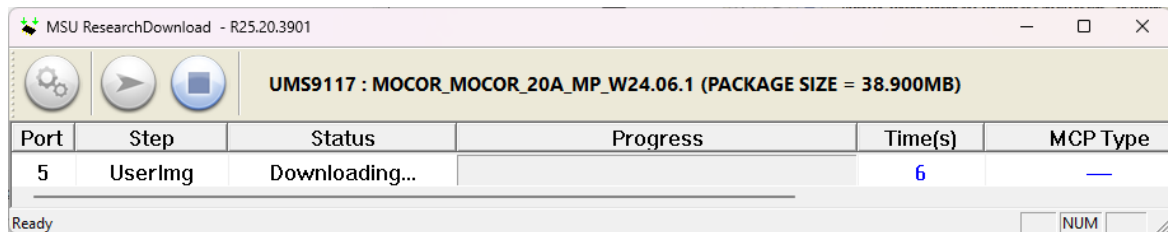
1. Launch the .exe file (provided by MBW) on your computer



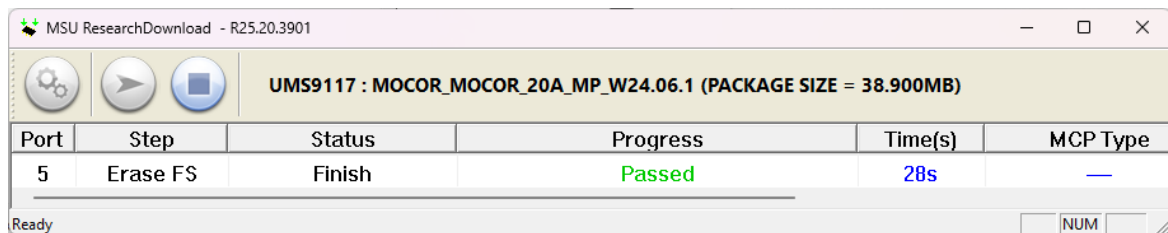
2. Click on “Oui” / “Yes”



3. Click on the Download button (arrow – second button from the left)
4. Press and hold keypad key 1
5. Connect the device with its battery to the computer using USB cable
6. Download process will start automatically; you can then release holding keypad key 1



7. Wait until download is finished:



8. Unplug the device from the computer
9. Remove the battery from the device
10. Insert the battery in the device
11. Start the device
12. Check the installed SW version on device in [Réglages → Vérifier la mise à jour](#)

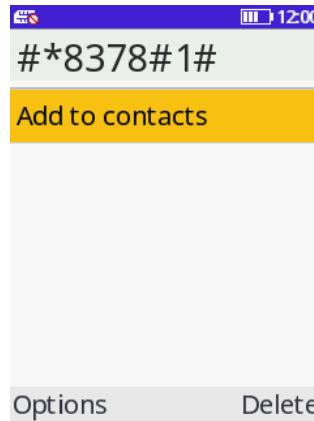
10. FOTA

The FOTA feature is supported. It is possible to test it, from Acc1 SW to dummy package.
Please request it to MBW if needed.

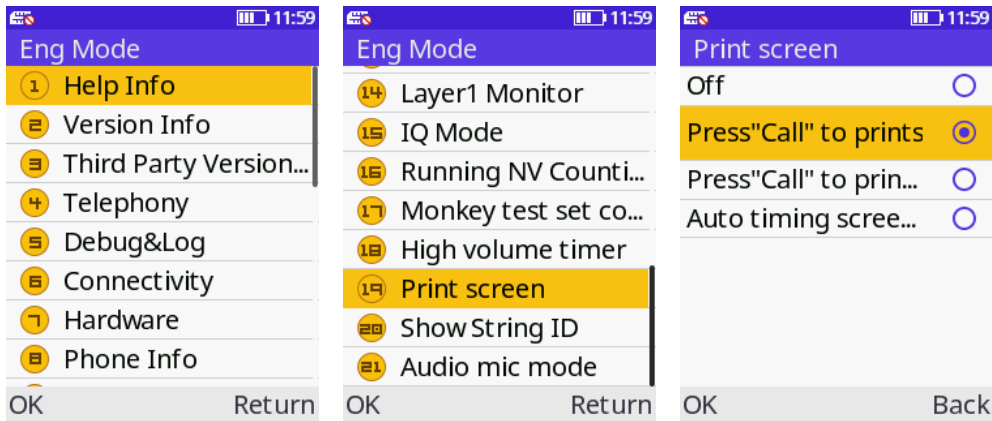
11. How to take screenshots

If you want to take screenshots of an issue on the device, please follow the steps below:

1. Type the following keystring `#*8378#1#`



2. Select "19 Print screen"
3. Press "Call" to printscreen (only LCD data)




12. Engineer mode and logging instructions

a. Engineer mode and special codes

Feature / info	Related special code
Restore factory settings	*#0*#
Factory mode / Phone test	*#15963# or #*8378#0#
Engineer mode	#*8378#1#
Product info	#*8378#3#
Phone info	#*8378#4#
Chipset test	#*8378#5#
Version info	####0000#
Network info	####1040#
SN info	####2222#
SN version info	#*786837#
NV counting	#*786646468#
Active VoLTE toggle	#03#

b. Retrieve logs on microSD card

Here below is step by step process to follow to record logs on microSD cards (for debug purpose):

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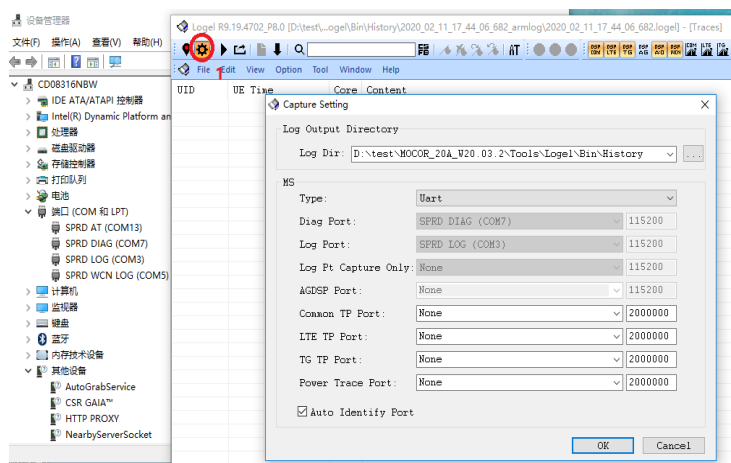
Steps
1. Insert an SD card to the mobile phone, and input #*8378#1# in the dialer to enter the engineer mode.
2. Select the 11-Para Set option, select 7-Arm Log option, select Open for Arm Log , and exit.
3. Select the 15-IQ Mode option, select Open for the On/Off menu, select enable for IQ Date , and exit. ➔ It starts to save ARM Log to microSD card.
4. Start to reproduce the issue step by step from the beginning. Please turn on flight mode and then turn it off before reproducing the issue if the issue is related to SIM card or network. Please make sure all the steps and result of the issue have been included in the logging process or else much log information will be lost.
5. Enter the engineer mode again after finishing log capture; select the 15-IQ Mode option, select disable for IQ Data , select Close for the On/Off menu, and exit. ➔ It stops to save ARM Log to microSD card.
6. Export the *.Armlog files in the SDCARD/logsave folder. These *.Armlog files are the saved SD ARM Log.

c. Log tool: Logel

Logel is a Windows program allowing logs retrieval.

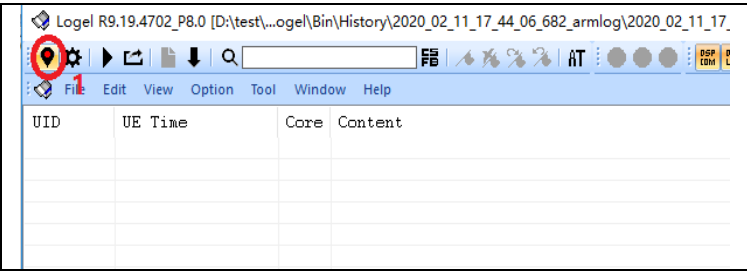
Logel is available on the **Orange ShareFile** in the folder “- Logs and defects”.

Here below is step by step process to follow to record non-Bluetooth related logs:

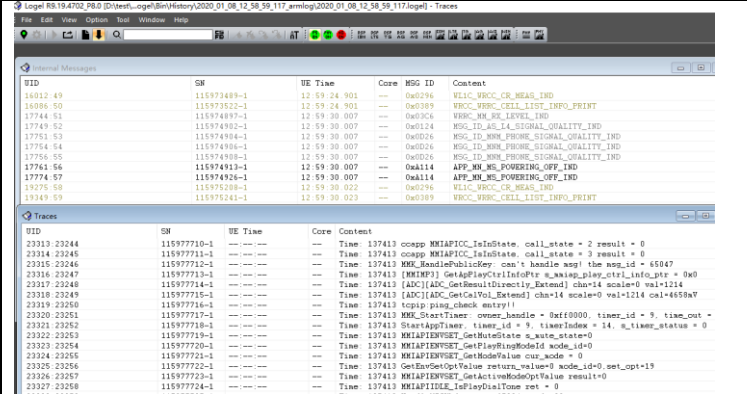
Steps	Illustrations
<p>1. Turn ON the phone, dial #*8378#1# to access Engineer mode. Go in item 11-Para Set, then in item 7-Arm Log and set it to Open, then in item 9-USB Log and set it to Open. Go in item 4-Debug Param, then in item 2-Assert Mode and set it to Debug mode.</p>	N/A
<p>2. Connect the mobile phone to the computer and open the Logel tool. Click on the icon highlighted by red circle (see picture) and confirm whether the port is connected ok: Diag Port needs to select SPRD DIAG port, Log Port needs to select SPRD LOG.</p> <p>Note: sometimes the tool is slow to recognize USB port and Diag Port and/or Log Port are configured as None, or there is a problem with the configuration. In this case, you can manually uncheck Auto Identify Port, and manually configure Diag Port and Log Port as mentioned above).</p>	



3. Click on the icon highlighted by red circle (see picture) to start capturing logs.



4. The red point on clicked icon will turn from red to green meaning the capture of logs started. On picture, we can see logs for ARM (internal message and trace windows).

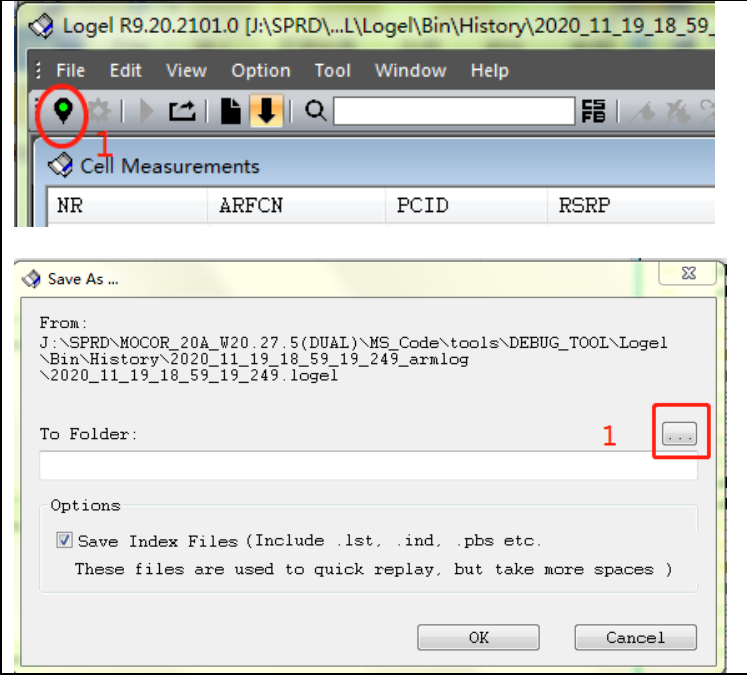


5. Reproduce the issue. Start to reproduce the issue step by step from the beginning. Please turn on flight mode and then turn it off before reproducing the issue if the issue is related to SIM card or network. Please make sure all the steps and result of the issue have been included in the logging process or else much log information will be lost.

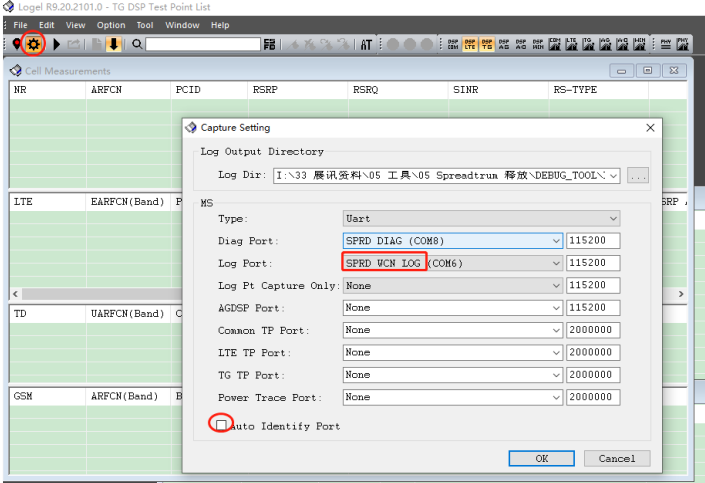
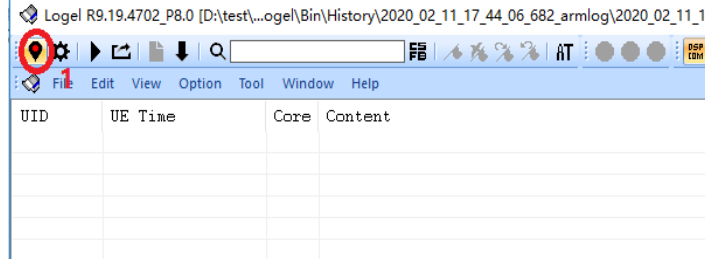
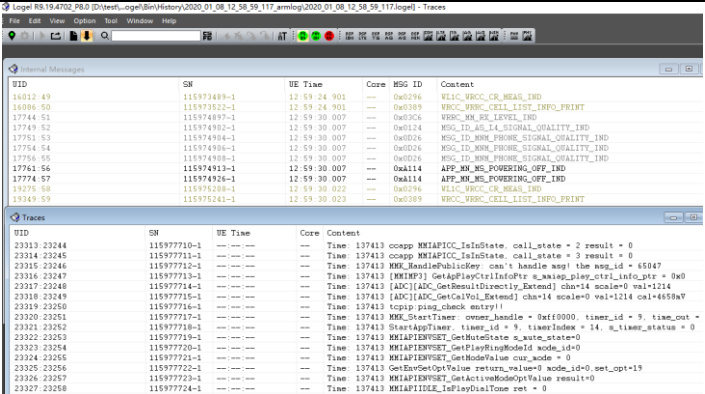
N/A

6. Click on the icon highlighted by red circle (see picture) to stop capturing logs. The green point on clicked icon will turn from green to red meaning the capture of logs stopped.

Select "file---Save as....." and save the file into your selected folder.



Here below is step by step process to follow to record Bluetooth related logs:

Steps	Illustrations
<p>1. Turn ON the phone, dial ##*8378#1# to access Engineer mode. Go in item 11-Para Set, then in item 7-Arm Log and set it to Open, then in item 9-USB Log and set it to Open. Go in item 4-Debug Param, then in item 2-Assert Mode and set it to Debug mode.</p>	<p>N/A</p>
<p>2. Connect the mobile phone to the computer and open the Logel tool. Click on the icon highlighted by red circle (see picture) and confirm whether the port is connected ok: Diag Port needs to select SPRD DIAG port, Log Port needs to select SPRD WCN LOG.</p> <p>Note: please manually uncheck Auto Identify Port, and manually configure Diag Port and Log Port as mentioned above.</p>	
<p>3. Click on the icon highlighted by red circle (see picture) to start capturing logs.</p>	
<p>4. The red point on clicked icon will turn from red to green meaning the capture of logs started. On picture, we can see logs for ARM (internal message and trace windows).</p>	
<p>5. Reproduce the issue. Start to reproduce the issue step by step from the beginning. Please turn on flight mode and then turn it off before reproducing the issue if the issue is related to SIM card or network. Please make sure all the steps and result of the issue have been included in the logging</p>	<p>N/A</p>



process or else much log information will be lost.

6. Click on the icon highlighted by red circle (see picture) to stop capturing logs. The green point on clicked icon will turn from **green** to **red** meaning the capture of logs stopped.

Select "file---Save as....." and save the file into your selected folder.

