USER GUIDE

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MEP (SIM Lock) User Guide

1   Overview

H-27 implements Network Personalization as defined in *"TS 22.022 - Personalisation of Mobile Equipment (ME)"* and provides two methods of lock/unlock, either via ADB or via the dialer in Android.

Note:
- H-27 can be locked to maximum 6 network codes (MCC/MNC combinations)
- The NCK (the secret lock/unlock key) must be 8 digits
- The H-27 network personalization will be persistent even though system is fully updated/wiped.

For information about setting up ADB connection to H-27 please see the Enterprise Administrator User Guide.

2   Network Personalization

Up to 6 network codes can be entered in the method to network personalize H-27.

OBSERVE! Be very careful to enter the NCK value correctly as intended AND remember the NCK for the purpose of network depersonalizing (unlocking) the device.

2.1   Via ADB

```
adb shell bltclr nwlken <mccmnc> <mccmnc> <mccmnc> <mccmnc> <mccmnc> <mccmnc> <nck>
```

Example：
```
adb shell bltclr nwlken 46001 46002 46003 12341234
```

2.2   Via the Dialer Keypad:

1. Open the Android dialer
2. Dial **6385625* (or if you prefer **NETLOCK*)
3. A dialog will appear
4. Enter mccmnc values separated by space. E.g., *46001 46002 46003*
5. Enter the NCK (8 digits).

3   Network Depersonalization

3.1   Via ADB

```
adb shell bltclr nwlkdis <nck>
```

Example：
Adb shell bltclr nwlkdis 12341234

3.2   Via the Dialer Keypad

1. Open the Android dialer
2. Dial **638865625* (or if you prefer **NETUNLOCK*)
3. A dialog will appear

4. Enter the NCK which was used to lock this device

3.3   By Inserting Non-accepted SIM

In case a non-accepted SIM card is inserted into a Network personalized H-27 a dialog will be shown when system tries to log on to the network. In this UI the NCK can be entered to depersonalize H-27.

4   Status of Network Personalization

4.1   Via ADB

```
adb shell bltclr getnwlk
```

4.2   Via the Dialer Keypad

**63856257828* (or if you prefer **NETLOCKSTAT*)

5   Change NCK

5.1   Via ADB

```
adb shell bltclr setnwnck <newnck> <oldnck>
```

Example :
```
adb shell bltclr setnwnck 24681234 12341234
```

6   Recommended MEP Procedure

We recommend that:

- the ADB method is used in a script for MEP locking H-27 devices in a structured way
- the NCK is generated randomly and stored in a secret database mapped to the IMEI of the H-27
- the ADB command `adb shell bltclr getimei` is used to get IMEI of the ADB connected H-27