

To Whom It May Concern

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Announcement of a configuration change of the AT&T network

Dear Madam or Sir,

This is an announcement with respect to the 3G (UMTS) sunset in the AT&T network which is scheduled to occur in February 2022.

In advance of the mentioned 3G sunset you need to configure the Cinterion modems to be data centric. This configuration needs to be executed once per device.

The changes have been agreed to AT&T already. Please note that according to the knowledge of Thales, AT&T does not provide any test facilities / networks before the network change is due.

If the configuration to data centric hasn't been applied before the mentioned 3G sunset, the Cinterion modem will no longer attach even in a 4G network (LTE).

The change is recommended also in case of using AT&T network while roaming.

List of affected Cinterion modems:

L30960N3130A210	ALS3-US Rel.2.1
L30960N3410A210	PLS8-US Rel2.1
L30960N3415A210	PLS8-US CI Rel2.1
L30960N3410A300	PLS8-US Rel. 3.0
L30960N3415A300	PLS8-US CI Rel. 3.0
L30960N3480A300	ALS3-US Rel. 3.0
L30960N3485A30*)	ALS3-US CI Rel. 3.0

*) : any character

There are 3 options to configure the Cinterion modems to data centric:

#1: Sequence via sending of a binary file:

```
AT^SBNW="efs","/nv/item_files/modem/mmode/ue_usage_setting",1 // AT command to be entered
CONNECT // 1st modem response, please wait
EFS READY: SEND FILE // start now the binary transfer of the file named DataCentric.bin
EFS: END OK // binary data transfer finished, please wait
OK // operation completed
// power cycle required now
```

#2: Sequence via sending of an encrypted hex string:

```
AT^SBNW="efs","/nv/item_files/modem/mmode/ue_usage_setting",2 // AT command to be entered
CONNECT // 1st modem response, please wait
EFS READY: SEND FILE ... // send the hex string exactly like shown w/o any further characters
10000007CED9002F1FBA95BEBE84EF32CC7F06C // hex string to be uploaded
EFS: END OK // hex string transfer finished, please wait
OK // operation completed
// power cycle required now
```

#3: Sequence via firmware update patch:

Thales is providing the files:

- ALS3_ALS6A_PLS8_MakeDataCentric.usf
- ALS3_ALS6A_PLS8_MakeDataCentric.exe

Execute the steps:

- Choose one out of the files mentioned before.
- Include the file into the firmware update sequence which you've implemented for regularly modem firmware updates.
- Execute the firmware update sequence.
- After the next power up, the Cinterion modem is configured to data centric.

For verification the following sequence can be executed:

```
at+cemode? // AT command to be entered
+CEMODE: 2 // modem response, ('2' means data centric, '1' means voice centric)
OK // operation completed
```

Best regards

i. V. T. Laubach

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