# Implementation Table

Devices shall be able to support at minimum the features specified in the implementation table given below.

Note: “CR” indicates the “Compliance Requirement”.

“M” indicates a Mandatory feature that shall be implemented according to the specified requirements.

“C” indicates that it is Conditional for the feature to be implemented according to the specified requirements, contingent on supplier’s claimed capability of that device.

“O” indicates an Optional feature that should be implemented according to the specified requirements.

| **TS Clause Ref.** | **Features** | **CR** | **Complied with**  **Yes / No** | **Remarks** |
| --- | --- | --- | --- | --- |
| 4.1 | Guard against Network Storms | - |  |  |
| 4.1.1 | Correct Observation of Cause Codes in Reject Messages  TS.34\_7.0\_REQ\_001 | M | No | If the Annex E proposes a different action than in 24.008 or other 3GPP standards document it is not supported. |
| 4.1.2 | Network Friendly Mode (NFM)  TS.34\_7.0\_REQ\_002 | M | No | None of the NFW functionality or required AT-commands are supported. |
| TS.34\_7.1\_REQ\_001  <NFM Active> shall be set to 1 – Active; and <Start Time Active> shall be set to 1 – Enable Start Timer. | M | No | See above. |
| TS.34\_7.1\_REQ\_002 | M | No | See above. |
| TS.34\_7.1\_REQ\_003 | M | No | See above. |
| TS.34\_7.1\_REQ\_004  Should utilise the standard default timeout parameters as set out for the NFM iteration intervals | M | No | See above. |
| TS.34\_7.1\_REQ\_005 | O | No | See above. |
| TS.34\_7.1\_REQ\_006 | M | No | See above. |
| TS.34\_7.1\_REQ\_007 | M | No | See above. |
| TS.34\_7.1\_REQ\_008 | M | No | See above. |
| TS.34\_7.1\_REQ\_009 | M | No | See above. |
| TS.34\_7.1\_REQ\_010 | M | No | See above. |
|  |  |  |  |
| 4.1.3 | Back-off Triggers  TS.34\_7.0\_REQ\_003 | M | No | The “Back-off Timer Flag“ or any related functionality differ from 3GPP standards they are not supported. |
| TS.34\_7.2\_REQ\_001  The Back-off Timer Flag shall be enabled when back-off is triggered. | M | No | See above. |
| TS.34\_7.2\_REQ\_002 | M | No | See above. |
| TS.34\_7.2\_REQ\_003 | M | No | See above. |
| TS.34\_7.2\_REQ\_004 | M | No | See above. |
|  |  |  |  |
| 4.1.4 | Back-off Timer  TS.34\_7.0\_REQ\_003 | M | No | The “Back-off Timer“ use and logic or any related functionality differ from 3GPP standards they are not supported. |
| TS.34\_7.3\_REQ\_001  The NFM Flag in the Communications Module shall be set to 1 = Activated. | M | No | See above. |
| TS.34\_7.3\_REQ\_002 | M | No | See above. |
| TS.34\_7.3\_REQ\_003 | M | No | See above. |
| TS.34\_7.3\_REQ\_004 | M | No | See above. |
| TS.34\_7.3\_REQ\_005 | M | No | See above. |
| TS.34\_7.3\_REQ\_006 | M | No | See above. |
| TS.34\_7.3\_REQ\_007 | M | No | See above. |
| TS.34\_7.3\_REQ\_008 | M | No | See above. |
| TS.34\_7.3\_REQ\_009 | M | No | See above. |
| TS.34\_7.3\_REQ\_010 | M | No | See above. |
| TS.34\_7.3\_REQ\_011 | O | No | See above. |
| TS.34\_7.3\_REQ\_012 | M | No | See above. |
|  |  |  |  |
| 4.1.5 | Logic Flow for Back Off Procedure  TS.34\_7.0\_REQ\_004 | M | No | If the logic flow differs from 3GPP standards it is not supported. |
| 4.2 | Controlled Access | - |  |  |
| 4.2.1 | Unique Passwords for Device Access Control  Clauses 4.2.1.1 to 4.2.1.3 shall be supported and implemented accordingly, contingent on end-users having access to the communications module of the Device | C | No | Not applicable for a module. |
| 4.2.1.1 | Password Requirements | - |  |  |
| 4.2.1.1 (a) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.1 (b) | O | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.1 (c) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.1 (d) | O | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.1 (e) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.1 (f) | O | N/A | Not applicable for a module. A host device requirement. |
|  |  |  |  |
| 4.2.1.2 | Default Password Handling | - |  |  |
| 4.2.1.2 (a) | M | N/A | Not applicable for a module. |
| 4.2.1.2 (b) | M | N/A | Not applicable for a module. |
|  |  |  |  |
| 4.2.1.3 | Authentication Handling | - |  |  |
| 4.2.1.3 (a) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.3 (b) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.3 (c) i | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.3 (c) ii | M | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.3 (c) iii | O | N/A | Not applicable for a module. A host device requirement. |
| 4.2.1.3 (d) | M | N/A | Not applicable for a module. A host device requirement. |
| 4.3 | Secure over-the-air (OTA) update | - |  |  |
| 4.3.1 | Secure Software/Firmware update over-the-air  If OTA is implemented, it shall be mandatory that the requirements defined in section 4.3.1 are supported. | C | Yes | The nRF9160 module supports FOTA delta update of the module firmware. The delta files are integrity & confidentiality protected and signed. |
| 4.3.2 | Secure UICC/eUICC update over-the-air | O | Yes | As per 3GPP, ETSI and GSMA specifications. |
| 4.3.2.1 | Remote management of the UICC (Over-The-Air, OTA) | O | Yes | As per 3GPP, ETSI and GSMA specifications. |
| 4.3.2.2 | Remote Management of Embedded UICCs (eUICCs) | O | Yes | Only M2M profile is supported. |

Please also furnish the following information:

|  |  |
| --- | --- |
| Brand Name and Model No. |  |
| Equipment Description |  |
| Company Name |  |
| Dealer’s Licence No. |  |
| Name and signature |  |
| Date |  |