



Yotra Ltd
Studio A1, 302 Witan Gate West
Milton Keynes
MK9 1EJ

27th July 2026

ITSO Customer Media Compliance Certificate

Certificate Number: C00244
Product/Service Name: mCMD12
ITSO Specification: ITSO TS 1000 Specification version 2.1.5

Dear Paul,

ITSO received a request submitted by Yotra Ltd , for the certification of the mCMD12 . ITSO has found reasonable evidence that the submitted product/service complies to **ITSO TS 1000 Specification version 2.1.5**, as indicated in the certification test report (ref: CM-1769430241 - Yotra - Mifare DESFire mCMD12 Pseudo Shell_Test Report)

Your product/service will be included in the certified products list, published on ITSO website.

Please note that the present certification is subject to the following general terms and conditions along with conditions/constraints as detailed in Schedule B:

- i. The present certification is granted on the basis of the ITSO Certification and Compliance Policy and is **valid for 7 years from the date of issue**. For a product or service that utilises a valid ITSO certified sub-assembly, the certificate's validity will correspond to the sub-assembly's expiry date.
- ii. If the product is changed, Yotra Ltd must notify ITSO of this fact in writing by supplying the release notes. Any change in the product that may generate a different behaviour with respect to the ITSO TS 1000 Specification version 2.1.5 standards may be considered a major modification subject to a new evaluation in order to maintain the present certification.
- iii. The present certification granted to Yotra Ltd for the above referenced product is non-transferable to any other vendor.
- iv. When requested by an ITSO Licenced Operator, the ITSO Registered Supplier must supply a copy of the test report.

Certificate Number C00244
mCMD12

Schedule A

The mCMD12 has been tested with the following ITSO application platform parameters:

Data Elements	Value
C1 - Mutual Authentication Algorithm Support	Algorithm Type: 03 P1 Code: - P2 Code (EXT): 0x81 (default) P2 Code (INT): 0x82 (default)
C2 - Verify Command Parameter	P1 Code: - P2 Code: -
C3 - Storage EF Short File ID	01
C4 - Directory Size	-
C5 - Anti-tear Mechanism	01 (Type A)
C7 - ITSO DF Path	as required
KSC	3 - Microprocessor with mutual authentication using two keys
Profile	B:80(0x50) S:16(0x10) E:8 SCTL:07 (0x07)

This mCMD2 supports the use of File Control Information (FCI) Proprietary Template.



Schedule B

List of conditions and/or constraints applied by ITSO:

- i. mCMD12 is only available on Apple Devices.



Certificate No. C00244

ITSO Certificate of Compliance

Supplier: **Yotra Ltd**

Product/service: **mCMD12**

Version: **EV2**

This is to certify that the above product/service has been tested as required by ITSO for compliance against:

ITSO Specification: ITSO TS 1000 Specification version 2.1.5

Test Report:

CM-1769430241 - Yotra - Mifare DESFire mCMD12 Pseudo Shell_Test Report

This product supports the functions: ITSO Customer Media and communicates within an ITSO environment as listed in Schedule A of this Certificate.

This product may only be used by ITSO Licensed Members complying with the conditions and constraints listed in Schedule B.

Signed for and on behalf of ITSO: _____

Name: Darren Marshall-Sewell

Title: Technology Manager

Dated: 27th July 2026

Certificate Valid until: 26th July 2033

Certificate Number C00244
mCMD12