

**Unicard Limited**

Pear Tree Business Centre
Cobham Road
Wimborne
Dorset
BH21 7PT

21st October 2025

ITSO Remote POST Server Compliance Certificate

Certificate Number: C-00177-2(P2)
Product/Service name: Unicard Remote POST Server
Version: 4.0.1.1 (incorporating HL2 v5.3.14.1/ Housekeeping v2.5.3.1 from certificate C00163-4)
Compliant with: ITSO TS 1000 Specification Version 2.1.5 (Phase 2)

Dear Michael,

ITSO received a request submitted by Unicard Limited, for the recertification of the Unicard Remote POST Server (software version 4.0.1.1 (incorporating HL2 v5.3.14.1/ Housekeeping v2.5.3.1 from certificate C00163-4)). As indicated in Certification Test Report (ref. Test Report – RPS-1754397998 – Unicard Remote POST Server Recertification of C00177-1), ITSO has found reasonable evidence that the submitted product/service complies to ITSO TS 1000 Specification Version 2.1.5 (Phase 2).

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 based on the ITSO Certification & Compliance Policy, with its validity specified on the Certificate page. 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 version number is changed, Unicard Limited 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 Unicard Limited for the above referenced Product is non-transferable to any other vendor.
- iv. When request by an ITSO Licenced Operator, the ITSO Registered Supplier must supply a copy of the Test Report.

Certificate Number C-00177-2(P2) Unicard Remote POST Server

Registered address 302 Witan Gate West, Milton Keynes, MK9 1EJ

Schedule A

The Unicard Remote POST Server has been tested with uCrypto readers and Gemalto IDBridge K30 USB for ISAM. The Gemini2k Orbit Crypto readers were utilised by the client for accessing the Remote POST server.

The CM supported by this device is shown in the following table:

CMD2	CMD4	CMD7 SFR1 ¹	CMD7 SFR2	CMD9	CMD10	CMD11	CMD12
✓	✓	✓	✓	✓	✓	✓	✓

¹CMD7 SFR1 is deprecated in ITSO version 2.1.5 – support is retained solely for backwards compatibility.

The IPEs supported are represented in the following table:

IPE	Accept	Create	Modify	Delete
TYP 0 – Private Application				
TYP 2 – Stored Travel Rights	✓	✓	✓	✓
TYP 2 – Stored Travel Rights VGXRef1	✓	✓	✓	✓
TYP 2 – Stored Travel Rights VGXRef2	✓	✓	✓	✓
TYP 3 – Loyalty (Type 1)				
TYP 4 – CTA (Mode 1)				
TYP 5 – CTA (Mode 2)				
TYP 14 IFR1 – Entitlement	✓	n/a	✓	✓
TYP 14 IFR2 – Entitlement	✓	✓	✓	✓
TYP 16 IFR1 – ITSO ID & Entitlement	✓	n/a	✓	✓
TYP 16 IFR2 – ITSO ID & Entitlement	✓	✓	✓	✓
TYP 17 – Loyalty (Type 2)				
TYP 22 FR1 – Area Based Ticket	✓	✓	✓	✓
TYP 22 FR2 – Area Based Ticket	✓	✓	✓	✓
TYP 23 FR1 – Journey Ticket	✓	✓	✓	✓
TYP 23 FR2 – Journey Ticket	✓	✓	✓	✓
TYP 24 – Journey Ticket with Reservations and Special Restrictions	✓	✓	✓	✓
TYP 25 – Travel Voucher				
TYP 26 – Open System Tolling				
TYP 27 – Period Pass (space saving)	✓	✓	✓	n/a
TYP 28 – Carnet (space saving)	✓	✓	✓	n/a
TYP 29 – Multi Journey Ticket (space saving) – FR1	✓	✓	✓	n/a
TYP 29 – Multi Journey Ticket (space saving) – FR2	✓	✓	✓	n/a
Transient Ticket Log FR 1	✓	✓	n/a	n/a
Transient Ticket Log FR 2	✓	✓	n/a	n/a
Transient Ticket Log FR 4	✓	✓	n/a	n/a

Schedule A (cont.)

The optional functionality supported by this device is shown in the following tables:

Hot listing support				
Single (0C02)	Multi (0602)	Manually Block	Manually Unblock	Storage
✓	✓	✓	✓	1,048,576 kB

Action list support		
Single (0C03)	Multi (0603)	Storage
✓	✓	1,048,576 kB

Action list Action to Take (ATT) support															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓

Interoperability/parameter list support/multi record receipt of multiple types				
ListFR1 Receive 0Axx ¹	List FR1 Receive 0Bxx	List FR2 Receive 0Axx ¹	List FR2 Receive 0Bxx	Receive multiple types 0600 ¹

¹0600,0AxxFR1 and 0AxxFR2 are deprecated in ITSO version 2.1.5 – support is retained solely for backwards compatibility.

Miscellaneous						
POST HOPS queries ¹	Additional Shell Data 0807	Log 1	UD Frames Generate 0Exx	UD Frames Receive 0Exx	UD Frames Generate 0Fxx	UD Frames Receive 0Fxx
	✓	✓				

¹POST HOPS queries is deprecated in ITSO version 2.1.5 – support is retained solely for backwards compatibility.

Schedule A (cont.)

Benchmarking Times

n/a

Schedule B

List of conditions and/or constraints applied by ITSO:

The Unicard Remote POST Server does not support the following:

- The reversal of TrxReversal.
- Auto renew before the expiry of the current TYP22 pass.
- Auto renew before all stored tickets are consumed.



Certificate No. C-00177-2(P2)

ITSO Certificate of Compliance

Supplier: **Unicard Limited**

Product/service: **Unicard Remote POST Server**

Version: **4.0.1.1 (incorporating HL2 v5.3.14.1/ Housekeeping v2.5.3.1 from certificate C00163-4)**

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

ITSO TS 1000 Specification Version: 2.1.5(Phase 2)

Test Report Ref: Test Report – RPS-1754397998 – Unicard Remote POST Server Recertification of C00177-1

This product supports the functions: ITSO Remote POST Server 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: 21st October 2025

Certificate Valid until: 20th October 2027