



Certificate No. C – 00101-6

ITSO Certificate of Compliance

To: Applied Card Technologies Ltd
Langley Gate, Kingston Langley
Chippenham, Wiltshire SN15 5SE

For: ACT Retail POST Application (software version 3.0.0)

This is to certify that the above product has been tested as required by ITSO for compliance against ITSO TS 1000 Specification Version: 2.1.4 Corrigendum 9.

Test Reports Ref: *6P_000124_ACT POST Library Sub-Assembly_Test Report_*

This product supports the functions: Retail POST 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:

Title: Executive Chairman

Dated: 09 October 2019

Certificate Valid until: 08 October 2026

Schedule A

ITSO Manufacturer ID: 000086

The ACT POST Library Application is a sub-assembly for use within Retail POST and Rail Inspection devices only.

This POST communicates with CMD2 and CMD7.

The IPEs supported are represented in the following table:

IPE	Create	Modify	Delete	Accept
TYP 2 – Stored Travel Rights	✓	✓	✓	✓
TYP 14 – Entitlement	✓	✓	✓	n/a
TYP 16 – ITSO ID and Entitlement	✓	✓	✓	n/a
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	✓	✓	✓	✓
Transient Ticket Log FR4	✓	✓	✓	n/a

Schedule B

List of the conditions and/or constraints applied by ITSO.

- The ACT POST Library is a sub-assembly application suitable for use within the following types of devices ONLY:
 - Retail POST
 - Rail Inspection device
- The POST Library was tested with HID Omnikey 5321 reader and ISAM voltage readings are 3.2V (H3) and 3.3 (V2).
- The POST Library supports retrospective 'forced' check-in, check-out and break of journey operations where maximum journey time is taken into consideration in the context of a card inspection operation.
- The POST Library supports only Normal Log within the context of a Transient Ticket.
- The POST Library does not support the triggering of Auto-Renew.
- The POST Library does not support the reversal of TrxReversal.
- The POST Library does not support message code 0600.
- The POST Library does not support the generation of Long Message with Data#=1.
- The POST Library does not support the automatic IPE selection.
- The POST Library does not support Interoperability lists.
- The POST Library does not support POST to HOPS queries.
- The POST Library does not support the generation of 0807 message.
- The POST Library does not support the generation of 0801 message.
- The POST Library does not support IPEPriorityOverride.
- TYP14 and TYP16 concessionary usage transactions are not supported by the POST Library. These IPE types are used for identifying the discounted fares.
- The POST Library does not support 0Fxx and 0Exx UD frames.
- The POST Library does not support the generation of 0310 message.
- The POST Library does not support deleting a shell.