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Certificate No. C – 00048

ITSO Certificate of Compliance

To: Scheidt & Bachmann Limited

For: CID Card Interface Device

This is to certify that the above product has been tested as required by ITSO for compliance against ITSO TS 1000-0 Specification Version: 2.1.2

Test Report Ref: SBA/CER_002/03 dated 09 April 2008

This product supports the functions: Personalisation POST supporting CMD1 and 3 only; and POST. It communicates within an ITSO environment as listed in Schedule A of this Certificate.

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

Signed for and on behalf of ITSO :

Title:

COMPLIANCE MANAGER

Dated :

21 MAY 2008

Certificate Valid until :

20 MAY 2015



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Schedule A

List of all Customer Media, IPE's and functions that were included in the testing procedure.

PersoPOST Media supported: **CMD1** and **CMD3** Shell Creation only

This **POST** communicates with **CMD1-8**.

The IPEs supported are represented by the following table.

IPE	Create	Modify	Accept	Delete
TYP 2 – Stored Travel Rights	✓	✓	✓	
TYP 3 - Loyalty (Type 1)	✓	✓	✓	✓
TYP 4 - CTA (mode 1)	✓	✓	✓	✓
TYP 5 - CTA (mode 2)	✓	✓	✓	✓
TYP 14 – Entitlement	✓	✓	✓	✓
TYP 16 – ITSO ID and Entitlement	✓	✓	✓	✓
TYP 17 – Loyalty (Type 2)	✓	✓	✓	✓
TYP 22 – Area based ticket	✓	✓	✓	✓
TYP 23 – Journey Ticket	✓	✓	✓	✓
TYP 24 - Journey Ticket (incl Reservations)	✓	✓	✓	✓
TYP 25 - Travel Voucher	✓	✓	✓	✓
TYP 26 - Tolling	✓	✓	✓	✓
TYP 27 – Period Pass (space saving)	✓	✓	✓	✓
TYP 26 - Carnet (space saving)	✓	✓	✓	✓
TYP 26 - Multi Journey Ticket (space saving)	✓	✓	✓	✓



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Schedule B

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

This unit has been tested as a PC unit plus card reader. Use with other hardware or its inclusion within other OEM equipment will require a separate certificate and Interoperability Demonstration.

The traffic lights are not implemented.

This POST achieved benchmark timing of:

	Average over tests
CMD1	500mS
CMD2	870mS
CMD3	480mS
CMD4	387mS
CMD5	447mS
CMD6	Not tested
CMD7	460mS
CMD8	595mS