Smart ticketing, *enabled by* **ITSO**

Certificate No. C – 00196

ITSO Certificate of Compliance

To: **Scheidt and Bachmann GmbH**
Breite Straße 132
41238 Mönchengladbach
Germany

For: **S&B SV30 PVAL with CID2**
Software ver.1.8.4.0 / Hardware ver.00347800
Card Reader ver.0374030

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: *PO_0011_S&B_PVAL SV30 CID2_Test Report*

This product supports the functions: ITSO 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: **15 July 2019**

Certificate Valid until: **14 July 2026**

Schedule A

ITSO Manufacturer ID: 000243

SV30 is one of the product group developed based on Linux validator unit. The product group consist of SV30 (platform validator), OV41 (on-board validator) and SV51 (platform validator) that uses Scheidt & Bachmann's new smart card reader, CID2.

This POST communicates with CMD2 and CMD7.

The IPEs supported are represented in the following table:

IPE	Create	Modify	Delete	Accept
TYP 22 FR1 – Area Based Ticket	✓	✓	✓	**Not supported**
TYP 22 FR2 – Area Based Ticket	✓	✓	✓	**Not supported**
TYP 23 FR1 – Journey Ticket	✓	✓	✓	**Not supported**
TYP 23 FR2 – Journey Ticket	✓	✓	✓	**Not supported**

Image of SV30

Schedule B

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

The functionality certified for this device is restricted to Hotlist and Actionlist of TYP22 and TYP23 (Phase 1 of S&B deliverables). See IPEs Supported Functionality table on Schedule A