



Certificate No. C – 00111-7

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# ITSO Certificate of Compliance

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To: Atos Worldline  
4 Triton Square, Regents Place, London NW1 3HG, UK

For: Atos-Worldline FAST Rail Self Service Ticket Machine  
Software version: 8.2 (ITSO Module ACT v2.5.24)  
Hardware variants (x6): SCAC3; MCAC Series Kiosk;  
Card only 2012; SCAC4; ETVM and ITVM

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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 Report Ref: *28072017 –ATOS-Worldline\_Fast-Rail-P\_2.1.4\_DR –  
v.1.0*

Dated: *28 July 2017*

This product supports the functions: POST and 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: CHIEF EXECUTIVE OFFICER

Dated: 18 SEPTEMBER 2017

Certificate Valid until: 17 SEPTEMBER 2024





## Schedule A

**ITSO Manufacturer Id.:** 000326

Internal hardware and software is used (ACT's sub assembly v2.5.24) except for the User Interface. ITSO confirmed that the previous OMNIKEY reader works as expected after the software change.

### **Fast 8.2 contains the following new features:**

**ITSO Multimodal Solution Severn Beach Line:** This functionality provides support for ITSO Smartcard travel for season ticket holders on a small subset of GWR's stations on the Severn Beach Line between Severn Beach and Bristol Temple Meads. There will be the option to travel on First Bus routes with the existing Bristol Zone 1 and 2. In addition to the termini stations of Bristol Temple Meads and Severn Beach, it includes stations Lawrence Hill, Stapleton Road, Montpelier, Redland, Clifton Down, Sea Mills, Shirehampton, Avonmouth and St Andrews Road. FAST will support the ITSO scheme to support multimodal solution with existing heavy rail solution.

**Changes to rule for carnet fares within SDCI+:** This meets the requirements related to the rules for carnet fares within SDCI+. SDCI+ CG Transaction Header Record is Mandatory:

- As part of RSPS4000 version 07-00 a change to the standard was included to mandate the CG record. Initially the implementation of the CG record was optional, however now it is mandatory that a TIS is to capture the method of fulfilment using the CG record.
- FAST has put forward the methods of fulfilment available through the FAST software in which will use the CG record: ITSO Smartcard (ITSO Southern smartcard, MCard, Oyster card, GWR Touch card...)

**RSPS7001 02-03 TIS Accreditation Requirements – Select a Product:** Worldline will comply with RSPS7001, v02-03 in FAST version 08.02.00, this will be checked using the ASSIST test matrix during the accreditation.

**RSPS7002 02-01 TIS Accreditation Requirements – Make a Sale:** Worldline will comply with RSPS7002, v02-01 in FAST version 08.02.00, this will be checked using the ASSIST test matrix during the accreditation.

**Ticket Wizard:** To be implemented for all TVMs on TPE's network, this functionality sets out to guide customers to the most appropriate ticket for their needs using a series of questions like those asked during the booking process at the ticket office.

**Advance Purchase with Reservations:** Worldline will make Advance Purchase Train specific fares (Advance Ticket Types) available on TVMs for TPE. These will be available for purchase up to 26 weeks in advance:

- FAST will have no direct link with NRS, however the system will interface with the Retail Hub API for journey planning and obtaining reservations. This will need to be checked end to end during the accreditation.
- As put forward in the Business Requirements Specification (Functional Spec), the Advance Purchase with Reservation Feature has been specified based on the following assumptions:
  - Separate TVM flow as compare to normal Buy functionality.
  - This functionality can be configurable as per time band, e.g. it can be switched ON/OFF as per the station busy hours. Setting to enable/disable will be per TVM.
  - Online connectivity required (this feature cannot work off-line)
  - CCST only (i.e. no smart card tickets)
  - Both Return and Single tickets will be supported
  - No supplements (bike reservations etc.)
  - Reservations can be made on multiple trains
  - Reservations can be made on multiple trains, whenever there are changes booking must be done on changed trains.
  - Popular destinations screen is not required.





- o No Shopping Basket, Refund would be supported.

**Suggest Alternative trains where delayed:** Customers will be able to see alternative trains when a train is delayed whilst looking at ticket options, the functionality in scope for this will include the following:

- Scheduled departure screen which shows RAG status, expand this current pop-up to a full screen to adapt this functionality. FAST may show more than 5 trains information.
- Rather than showing alternative/delayed trains, FAST may show expected arrival and departure, and highlight the train that gets you there first (earliest).

This self-service rail ticket vending kiosk integrates the ACT ITSO POST, software version 2.5.241 (Certified to ITSO Specification 2.1.4 Corrigendum 9).

This retail POST has a 'touch screen' and was tested with an Omnikey card reader, model Cardman 5x21-CL Version 2.

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

This retail POST communicates with CMD 2, 7 and 8.

**The IPEs supported are represented by the following table:**

IPE	Create	Modify	Accept	Delete
TYP 14 – Entitlement			✓	
TYP 16 – ITSO ID and Entitlement			✓	
TYP 22 – Area based ticket (FR1 and FR2)	✓	✓	✓	✓
TYP 23 – Journey Ticket (FR1 and FR2)	✓		✓	✓

- TYP 14 and 16 products have been identified by the POST. But it does not transact and update the card. These IPE types are used for identifying the discounted fares only.

**Hot Lists and Action Lists are supported.**

**This retail POST does NOT support Transient Tickets.**

<sup>1</sup> ITSO Certificate C-00101-5 ACT PersoPOST/POST v2.5.25 (subsequent minor amendments made from v2.5.24, which do not affect the functionality relevant to this POST).



## Schedule B

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

None

**Benchmark Timings:**

Card only 2012:

	Average over tests
CMD2	489mS
CMD7	562mS

**Device Image**

