FasTIS

Ticket Issuing System

Data Sheet 003
Issue 1 05|08

FasTIS at-a-glance:

- Full UK timetable, fares and ticket product database
- High speed Smartcard ticket issuing system, Works with magnetic or Smartcard tickets
- Integrates with National Rail Reservation System (NRES) and ITSO Smartcard schemes
- Prestige Oyster® card and ITSO compatibility ready for upgrade (optional)
- Supports customised keyboard (optional)
- Wide range of tendering including customer charter vouchers and warrants
- Industry-standard audit printer – support for different CCST printers
- Multi-standard Contactless Smartcard interface (optional). Optional supply of software and system package, including Contactless Smartcard reader/writer, to upgrade any existing and installed ticket issuing system
- EMV level-two chip-and-Pin reader. Support for barcode scanner (optional)
- Ability to retail non-travel products
- VAT handling
- Euro ready
- Flexible reporting
- Remote monitoring
- Full local operation from downloaded data; any communication loss does not affect the range of unreserved products available or timetable data – no more 'lines are down'
- Interface to touch-screen (optional)
- Runs on Microsoft Windows 2000 and XP

FasTIS is Cubic's Smartcard-enabled ticket issuing system. It delivers high-speed processing of ticketing products in both magnetic and/or Smartcard formats.

Subject to agreement with Transport for London and the provision of appropriate data interfaces, participation with Prestige can be offered.

Cubic also offers full integration with ITSO-standard Smartcard schemes. Additionally, FasTIS can optionally interface with the National Rail Reservation System (NRES), and/or other internet-based ticket-selling websites and ticket-on-departure schemes.

The performance of FasTIS at the ticket window is defined by the GUI and supports fully-flexible ticketing and timetable enquiries.

FasTIS has a user-friendly rapid key-entry system to ensure that well-known products can be sold with minimal keystrokes and maximum speed.

How it works

The host computer connects to a standard TCP/IP network allowing communication to the required external services.

The FasTIS licence includes the provision of RJIS data processed as required for the IPTIS engine.

FasTIS is also integrated with Retail Logic Solve/SE and Smartswitch products to fully support credit and debit card use for both magnetic cards and EMV chip cards.

The optional Season Ticket database feature allows access to the UK postcode file and electoral register for rapid entry and validation of customer data. This is achieved by the integration of QAS Names software.

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Specifications:

Design
The FasTIS system is based on a proven design used in over 300 stations on the London Underground

Features
Hardware features for a complete supplied system:
ticket issuing terminal
TFT monitor, 2.4GHz PC minimum, PC keyboard
Newbury Data ND4020 printer (other options available)
Receipt printer
Passenger display,
Chip-and-Pin module
Please note: FasTIS runs on Microsoft Windows 2000 and Windows XP

Options:
Oyster®/ITSO interface module
Touchscreen
Special keyboard
Receipt and cheque printer combined unit

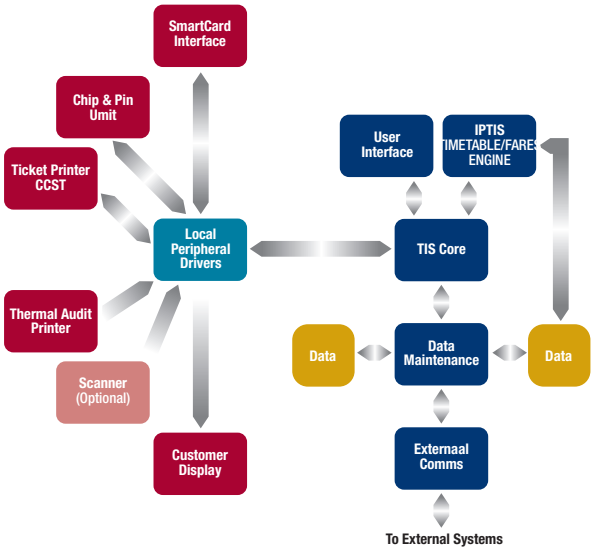
Temperature and humidity range
Operating range: 0C to 40C and 12% to 97% relative humidity

Storage: -10C to +70C and 10% to 90% relative humidity (non-condensing).

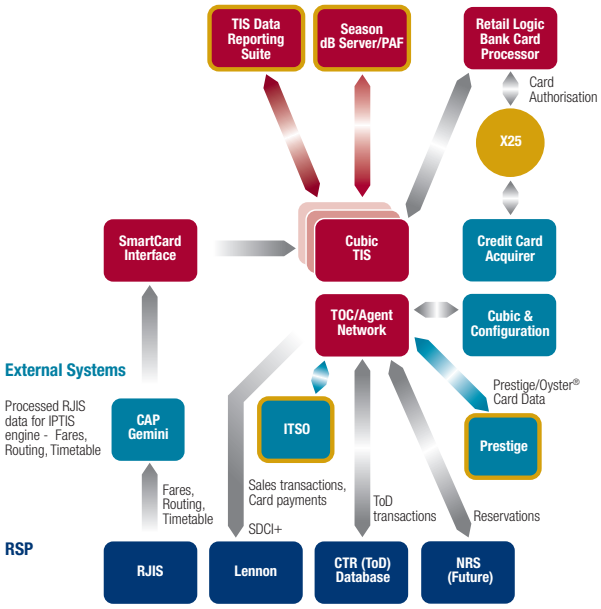
Electromagnetic and safety
RTTE Directive 99/5/EC (for the RTD component)
EMC Directive 89/336/EEC
LVD Directive 73/23/EEC

By application of the standards:
EN 50081-1 Generic Emissions: Residential, Commercial and Light Industrial
EN 50082-1 Generic Immunity: Residential, Commercial and Light Industrial
BS EN60950-1: 2002 Information Technology Equipment: Safety

Cubic TIS software structure/hardware context



Cubic TIS system interface context



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In the interests of product improvement Cubic reserves the right to change the above specification without notice.

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