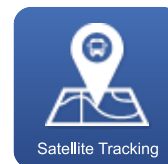
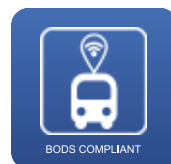
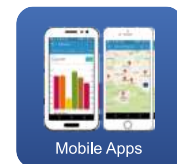
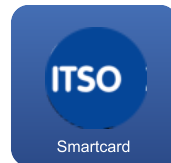


TM 920Pro

Rugged Android Portable Ticketing Terminal



More Than Just a Ticket Machine



TM 920Pro - Overview

- The TM 920Pro features a 5" colour LCD touch screen which delivers excellent visibility both indoors and outdoors, making it suitable for deployment in challenging environments.
- The TM 920Pro is an all-in-one portable ticketing solution supports cash tickets, Mastercard & Visa Contactless and Chip & Pin payments, ITSO smartcards, Commercial smartcards, QR code/barcode scanning and validation.
- The TM 920Pro features a lithium-ion battery (operating period of 10 hours and more) and it can be charged in office using the office charger or on the bus using the in-vehicle charger.
- The TM 920Pro has an integrated high speed thermal printer, ITSO 2.1.4 smart card reader and writer, QR code/Barcode reader with high speed and accuracy, 4G connectivity for faster internet connectivity, A-GPS for accurate tracking and high memory capacity.
- The TM 920Pro comes with our web based reporting and fares management software.

TM 920Pro - Benefits

- Issue different types of paper tickets with an integrated high speed thermal printer.
- Monitor ticketing data in real time to view passenger load per journey.
- Fares update over the air through our easy to use fares management system.
- Track vehicles using our interactive Geo tracking tools.
- Scan barcodes on board to reduce fraud by validating Web or Mobile bookings.
- Increase passenger numbers & revenue by accepting Contactless or Chip & Pin Payments.
- Inspection of all ticket/payments types from one device.
- Digitalisation of paper based forms, making it environmentally friendly.
- UK based technical support by customer friendly staff.

TM Cloud

Back-office Features

User friendly and comprehensive back-office system

The TM Cloud is a secure web based easy to use back-office system features personalised Dash board, real time ticketing & bus tracking, fares management, asset management, vehicle walk around checks, standard day to day reports, performance and stats reports.

Widely accessible system with continuous development

The TM Cloud is a SaaS (Software as a Service) application and it is supported on all web browsers including mobile phones via TransMach Cloud mobile App. The other key benefit is that there is no cost applicable for regular system updates such as adding new features on the system.



Feature-rich and efficient system

The TM Cloud is a fully BODS compliant system and It also supports multiple SIRI feeds, 2 way driver messaging service, various easy to use entry forms for fares management, ticket layouts, shifts allocation, vehicle management, hot spots & driver alerts, Configuration testing and Go-live scheduling and many more.

Modular and scalable all-in-one system

The TM Cloud is developed in-house using modern but mature technologies with an open architecture and modular structure which allows seamless third party system integrations and other system add-ons such as online booking engine, mobile Apps, smartcard portals, POS and B2B portals under one system.

TM 920Pro & Cloud

Bespoke Solution

Online Web Booking Engine



Our online ticket booking engine is fully integrated with the TM 920Pro ticketing solution i.e. booking tickets online, validating them onboard for reducing fraud and online back-office system for analysing data instantly. It is integrated with various merchant acquirers e.g. Sage Pay, Capita, Civica, World Pay etc. We can also integrate the booking engine with any other merchant acquirers.

Take a look at some of our customer solutions by following the links below:

<https://bookings.wexfordbus.com>

<https://ticketbooking.jjkavanagh.ie>

Mobile Application



It allows the passengers to see live journey information including schedule and expected arrival times. The user can also book tickets using the app. We can customise the app to suit your requirements.

Geo Tracking and Schedule Adherence



The operator can track the coaches using the geo tracker system. The operator can see arrival times for coaches at different stops. The operator can apply filters to only show a particular route on the map.

Schedule Adherence report shows the operator the schedule time and the actual time for each stop for journey. This can be used to determine if the driver is running early or late and to make improvements for timetables.

ITSO Smart card



Introducing ITSO smart cards can reduce maintenance cost, eliminate cash handling and increase revenue. The operator can offer various new tickets e.g. Weekly, Monthly, Yearly, 10 Journey etc. The onboard TM 920Pro machine validates the smartcards and the driver doesn't have to worry about checking expiry dates on a paper tickets.

Paper tickets can easily be photo copied, which can be very hard for the driver to distinguish between genuine and fraudulent tickets. The smartcard solution stops that. The operator can also offer online top up of the smartcard which is very popular for customers and enhance the customer experience.

Card Payment



Accepting Mastercard & Visa payments on board can improve revenue. The system features all-in-one card payments facility therefore there is no need to have a separate card reader.

The driver selects the tickets to issue and the customer will have a choice to pay by either Contactless (including Apple Pay and Google Pay) or Chip & PIN on the machine itself. Once the payment method is accepted, the TM920Pro prints the tickets and payment receipts.

TM 920Pro

Sample Tickets, Accessories & Specifications

Sample Tickets

TRANSMACH
Leave ticketing to us

Adult Single
£1.30

06-MAR-2017 16:27 St: 2
TSn: 0249 OP: 3868 M:0203
Duty: 1 Rt: 34 J:145

London
To
Birmingham

Thanks for travelling
TransMach Systems Limited
www.transmach.co.uk
Tel: 020 8861 1946

TRANSMACH
Leave ticketing to us

Adult Week
£11.00

06-MAR-2017 16:32 St: 2
TSn: 0250 OP: 3868 M:0203
Duty: 1 Rt: 34 J:145

EXPIRES: 12-MAR-2017

Thanks for travelling
TransMach Systems Limited
www.transmach.co.uk
Tel: 020 8861 1946

TRANSMACH
Leave ticketing to us

Adult 10J
£11.50

06-MAR-2017 16:35 St: 2
TSn: 0251 OP: 3868 M:0203
Duty: 1 Rt: 34 J:145



Thanks for travelling
TransMach Systems Limited
www.transmach.co.uk
Tel: 020 8861 1946

Operator Waybill

Operator: 3868
BookOn: 06/03/2017 09:25
BookOff: 06/03/2017 17:35
FTKt: 0240 LTTk: 0287
MCsn: 0203 Duty: 1

| Product | Qty | Total |
|------------|-----|--------|
| Adult sgl | 10 | £15.50 |
| Adult Week | 5 | £55.50 |

Final Summary

Gross: 15 £71.00
Void: 0 £0.00
Nett: 15 £71.00

Accessories

- Carrying case
- Mounting stand
- Chargers/Cradles
- Paper Rolls

Specifications

| | |
|-------------------|---|
| Operating System | Android 8.1 |
| Certification | ITSO 2.1.4 PCI PTS 5.x SRED EMV L1 & L2 EMV Contactless L1 Visa payWave MasterCard Contactless UPI qUICS Amex ExpressPay Discover D-PAS JCB J/Speedy Interac Flash MasterCard TQM Common.SECC UKCC CE RoHs ATEX |
| Memory | 8GB eMMC Flash + 1GB DDR RAM Optional: 16GB eMMC Flash + 2GB DDR RAM Extended Micro SD card slot up to 128GB |
| Display | 5.5" IPS WXGA 720 x 1440 Pixels Multi-Point Capacitive HD Touch Screen |
| Communication | 4G + WiFi (2.4GHz, optional 5GHz) + Bluetooth 4.0 (optional 5.0) |
| Processor | Cortex A53 + ARM |
| Battery | Li-ion 5250mAh, 3.7V |
| Printer | Thermal, speed 40 lines per second, paper roll diameter: 40mm |
| GPS | GPS, G-SENSOR |
| Scanner | user defined |
| RFID Readers | Magnetic Card Reader Track 1/2/3, bi-directional Smart Card Reader 1 user card, ISO7816, 1.8V 3.3V 5V Contactless Card Reader ISO/IEC 14443 Type A/B/Mifare |
| Camera | 5MP Rear-Facing Camera + Top-Side Infrared Barcode Scanner Optional: Higher Quality Infrared Barcode Scanner |
| Port | 1 Type C USB OTG 6 PIN POGO PIN |
| Panel | -10°C ~ 50°C (14°F ~ 122°F) Operating Temperature -20°C ~ 70°C (-4°F ~ 158°F) Storage Temperature 5% ~ 96% Relative Humidity, Non-Condensing |
| Dimensions/weight | 178.3 * 78 * 54.2 mm, 390g |