

Introducing Ecebs

- Ecebs provide smart card related
 - software
 - consulting
 - implementation
 - hosting and support services
- We have 13 years experience supporting smartcard and associated product with software for
 - Mass Transit
 - Payment and
 - Identity markets



Ecebs Value

- Unrivalled expertise across sectors for single and multi-application products
- History of innovation including patented technology
- Reduced ongoing costs through ground breaking technology prevalent in all core products
- Future proof solution through post-issuance update capability
 - grows as scheme requirements grow
- Solid technology components built on Industry Standards and Technology, including ITSO, OSPT and EMV
- Introduction of CIPURSE Card and SAM in 2013

Why Choose Ecebs?



Ecebs provide smart card related software, consulting, implementation and support services to public transport providers, region/local authorities and corporations

Ecebs designed, built and manages the core technology for ITSO

- The UK Government's standard for smart inter-operable transport ticketing.

Ecebs HOPS systems have processed:

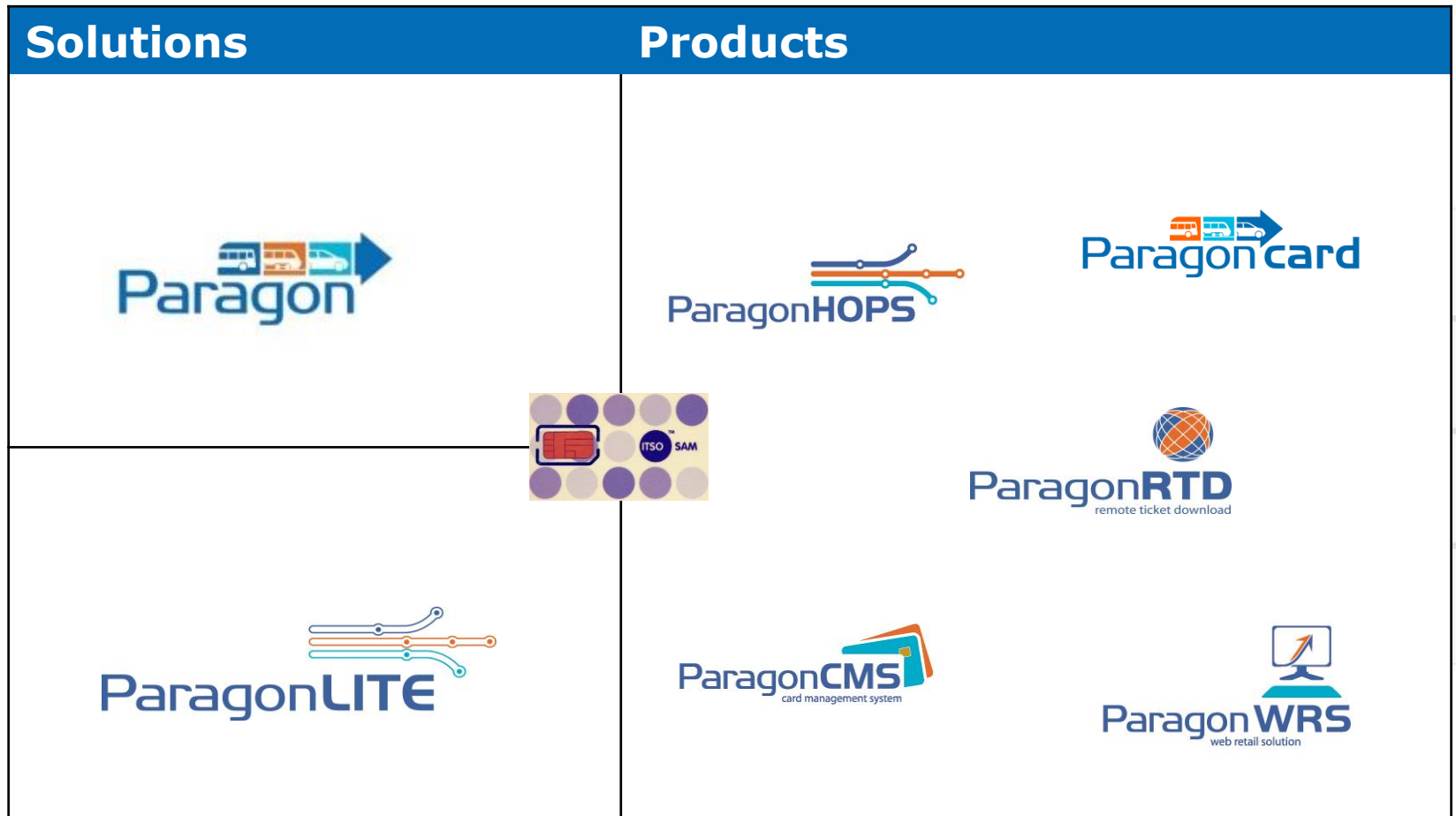
- > 500,000 bus transactions per day
- > 10M ITSO transactions a month
- > 380 million journey transactions

Ecebs is introducing products based on OSPT standard in 2013

Ecebs has developed a suite of solutions [*Paragon*], based on ITSO standards.

Ecebs ITSO Solutions

Paragon enables the deployment of interoperable smart ticketing schemes that comply with the ITSO specification.



Why Ecebs supports OSPT

- Ecebs product are built on industry standards including: ISO7816, ISO14443, EMV, ITSO and now OSPT
- Ecebs is a strong believer in Open Standards as is OSPT
- Ecebs brings more than 10 years experience of development and implementation of the ITSO Secure Access Module (ISAM) and designers of the ITSO Security Management System (ISMS)
- We believe in future proofing with flexible advance technologies as does OSPT
- We believe OSPT will provide the standard for multi-modal ticketing in the global market of Transport Authorities
- Our goal is to share in this global market