

# Case Study

## Forth Ports uses Psion and TSC solutions to run major supply route to Scotland and London

### Psion 7530 and 8525 Brings Speed and Efficiency to Port Operations

TSC Barcode Solutions Ltd, a market leading supplier of mobile data collection systems, and its partner **Psion** today announced that Forth Ports Limited, a group of regionally based ports in the central belt of Scotland and Tayside, is using its solutions to handle more than nine million tonnes of cargo coming through its dock facilities every year.

Forth Ports includes Grangemouth, which is Scotland's largest container port serving both the Glasgow and Edinburgh Metropolitan Regions, and the Port of Tilbury, which is London's major distribution hub for South East England. All the ports within the group are using Psion equipment to track, handle and ship all incoming and outgoing materials in an efficient and cost effect manner.



"This is a very busy place. There's no room for error. We needed a system that is fast and efficient so that we can track everything that comes through our ports while at the same time withstand the harsh Scottish weather," said David McInnes, IT Manager at Forth Ports. "Together with TSC Barcode integration, Psion products are good quality and reliable. We know it works and our business depends on it."

"TSC recommended The Product and Solution and the Forth Ports internal team deployed it. TSC Barcode Solutions is a leading provider of mobile computing, barcode and RFID data capture and label printing systems. TSC barcode upgraded Fort Ports' solution with Psion's new 7530 Narrow Band units that included faster processing as well as larger and improved screens to enable access to sophisticated productivity and reporting software any time of day or night. Fort Ports also has Psion 8525 vehicle mounts.

Psion was an early pioneer with narrowband radio technology. This secure, optimized radio technology offers superior coverage characteristics for large outdoor environments. Psion's newest generation narrowband radio utilizes the latest technology and is backwards compatible with previous generations of products. For Forth Ports, the Narrow Band connection decreased operational costs by allowing RF coverage over the whole of the port area, some 3 square miles, with only 8 radio base stations and therefore allowing all personnel who need it access to the back office system throughout the site.

Psion 7530 is engineered to meet the performance and durability requirements for data collection in the harshest of environments yet ergonomically crafted with the user in mind. The 7530 is sealed against dust and water with an IP54 rating and can withstand 1.8 meter (6 ft.) drop to polished concrete.

The high level of modularity, combined with Psion's hardware and software development kits that allow customers to build their own applications, enables the development of thousands of buildable combinations for the devices to meet the needs of almost any business. For example, The 7535 offers a choice of scanners, radios, displays and keyboards to ensure a solid fit with a customer's requirements.

For more information contact TSC Barcode Solutions on **0845 649 2950** or visit [www.tscgroup.co.uk](http://www.tscgroup.co.uk)

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## About Forth Ports

Forth Ports PLC owns and operates seven commercial ports in the UK - Tilbury on the Thames, Dundee in the Firth of Tay and five in the Firth of Forth - Leith, Grangemouth, Rosyth, Methil and Burntisland. It also has a business, Nordic, which operates at Chatham in Kent and Tilbury, which is engaged in port activities and recycling.

Within and around the Firths of Forth and Tay, Forth Ports manages and operates an area of 280 square miles of navigable waters, including two specialised marine terminals for oil and gas export and provides other marine services, such as towage and conservancy.

## About Psion

Psion is the pioneer of quality mobile handheld computers and their application in industrial markets around the world. We have been innovators in mobile computing since 1980, starting with the invention of the PDA, through to helping our global customers solve their business problems today. Our clients include Volkswagen, SNCF, RWE nPower, E.ON, BMW, Goodyear, Copenhagen Airports, BNSF and many others.

Through our open innovation business model, we have the ability to work directly with our customers and partners to co-create new variants of our mobile hardware, software and service that meet the specific needs of the marketplace. This collaboration is made possible by our open innovation community site, [www.ingenuityworking.com](http://www.ingenuityworking.com).

Psion plc is a public company listed on the London Stock Exchange. It is headquartered in London with corporate offices located in Europe, North America, Asia Pacific, Latin America and Africa. For more information, visit [www.pSION.com](http://www.pSION.com)

## About TSC Barcode Solutions

TSC Barcode Solutions Ltd, with offices in Pewsey in Wiltshire and Perth in Scotland, is the premier provider of barcode tracking and identification systems. As part of our solutions we supply barcode scanners, portable data capture systems, labels, label printers, label printing software, maintenance, service and support, for a wide variety of industries.

The company has a combined experience of over 40 years in supplying barcode, tracking and Auto ID solutions in retail supply chain, warehousing, distribution and logistics. For more information, visit [www.tscgroup.eu](http://www.tscgroup.eu)



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