

## 4P Mobile Data Processing

**Date Posted:** 21-Aug-2018

**Publication:** Jane's World Railways

**VERIFIED**

Via Germania 15, I-35127 Padova, Italy

Tel: (+39 049) 806 98 11 Fax: (+39 049) 806 98 43

email: [info@4p-online.com](mailto:info@4p-online.com)

Web: [www.4p-online.com](http://www.4p-online.com)

### **Key personnel**

Managing Director:	Silvano Mansutti
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### **Overview**

4P Mobile Data Processing, established in 1989, is a manufacturer of rugged handheld computers for business applications.

### **Product**

FDA600-POS: Multifunctional all-in-one handheld computer with integrated printer and EFTPOS for chip and pin electronic payments.

## 3M Intelligent Transport Systems

**Date Posted:** 16-Nov-2009

**Publication:** Jane's Urban Transport Systems

**ARCHIVED**

3M Center, Building 0225-05-S-08, St Paul, Minnesota 55144-1000, US

Tel: (+1 651) 575 55 32, 733 38 79 Fax: (+1 651) 733 25 74, 737 10 55

Web: [www.3M.com/ITS](http://www.3M.com/ITS)

### **Key personnel**

<b>Executive Vice-President, Industrial and Transportation Business:</b>
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H C Shin
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### **Products**

Bus guidance systems. 3M is developing a magnetic level indication system to help drivers with precise docking and manoeuvring situations as well as low- and high-speed guidance along dedicated rapid transit bus lanes.

The system under development consists of magnetic lateral warning and guidance tape installed on the road and an onboard sensor and display mounted in the vehicle. Once the sensor detects the magnetic tape, the lane location is displayed to the operator allowing the bus to be brought tight against the kerb. Future development will allow onboard mechanics to take over bus control to facilitate precision docking or to guide the bus along a dedicated rapid transit route.

It was first used for snowplough guidance in Minnesota.

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