

PRESS RELEASE



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## **Metropolitan Police – Refresh 1300 units with Microbus Mobile Data**

Microbus Ltd, the leading manufacturer of in-vehicle computing technology, is proud to announce it has been awarded a contract to refresh in-vehicle computers to the Metropolitan Police Authority. The supply of approximately 1,300 units will enable the Authority to take mobile computing to the front line of policing.

As a key element of the Metropolitan Police's C3i Mobile Data Project, this full scale deployment follows on from a trial of a number of mobile data terminals which included 120 Microbus MP5 Mobile Data Terminals installed in various vehicles. The systems will communicate with police control rooms initially through the Mobitex secure mobile radio network from Transcomm but will eventually migrate to O2 Airwave's TETRA network.

The Microbus M-PC will be used with a dedicated application supplied by APD Communications.

The Microbus M-PC in-vehicle PC provides access to:

- The Police National Computer,
- Mapping information including Automatic Vehicle Location Software (AVLS),
- Command and Control Room Interface

and, has expansion capability to support future applications such as:

- CCTV,
- Automatic Number Plate recognition,
- Finger print scanners,
- Bar Code readers

The Microbus M-PC is specifically designed for vehicle use and, by managing its environment, including temperature, shock and vibration, and power supply, ensures the system has high availability. As an example, the computer's temperature management ensures that a cold start does not cause damage to vital components or prevent the system's operation.

Extensive shock and vibration testing is carried out at the company's headquarters to emulate the most harsh road environments and ensure that the Microbus M-PC continues to operate effectively. In addition, the low power consumption of the M-PC helps to keep down the load on the vehicle's battery, especially when used in conjunction with other installations.

As well as supporting full real time data, the opportunity for applications to report the terminal and vehicle status back to the control room is provided. For instance, should the vehicle battery be too low, a warning message can be played through a local speaker, with a message also transmitted to the control room. The vehicle's status, such as the operation of the blues and twos can also be controlled or monitored. The M-PC is also being used to control the power of other sub-systems within the vehicle.

The computer system is enclosed in a single, compact unit and is easily mounted. A special keyboard was supplied in the package to provide officers with a compact and robust input interface. A flexible touch screen solution from Microbus provides a large touch screen area with a minimised enclosure size.

Home Office approved to AES5 and e Marked, the M-PC met the legislative and health and safety requirements of the supply.