

Mobile-Data News

Driving mobile PC technology forward

January/February 2003



M-PC gets Integrated GPRS option

The M-PC Pentium® III mobile PC now supports an option for integrated single or dual General Packet Radio Services (GPRS) modules, increasing the computer's flexibility. The GPRS module, amongst a number of other options, was added to accommodate a specific customer requirement. The additional options include: a modified video display controller, allowing multiple video capture and enhanced graphic acceleration; single or dual integrated GPRS modules with antennae; and the addition of a removable panel in the computer's chassis for access to the GPRS SIM modules.

The system is designed to ensure rapid receipt-assured delivery of mission critical information through automatic bearer-switching. Should a bearer not confirm receipt within a predetermined time limit, the computer will automatically re-send on the alternate network, and continue to switch and re-send until successful.

GPRS M-PC gains eMark approval

The PCMCIA/Integrated Dual GPRS variant of the M-PC has been awarded eMark certification. The certification was sought after further options were added to accommodate a specific customer requirement. The options include a modified video display controller, allowing multiple video capture and enhanced graphic acceleration; Wireless LAN; single or dual integrated GPRS modules with antennae; and a removable panel in the computer's chassis for access to the GPRS SIM modules.



Microbus help to achieve response time targets

Microbus Mobile Data, the leading supplier of mobile data hardware, is proud to announce it has been awarded a contract to supply London Ambulance Service NHS Trust with M-PC Pentium® III Mobile Computers.

To facilitate the Trust's desire to improve patient care and response performance, a complete mobile data system, of which this order is just a part, is being introduced. In what is believed to be the largest such order in UK emergency services history, Microbus will supply over 400 ruggedised in-vehicle PC systems.

The Microbus Mobile PCs will enable the ambulance crew to access crucial emergency call information and vital navigation instructions through on-board colour touchscreens. Faster and more accurate data movements will facilitate improved vehicle system monitoring, messaging, vehicle location and management information reporting. An important feature of the M-PC is its ability to accept additional software as the system develops still further.

Designed and built at the company's HQ near High Wycombe, Microbus Mobile PCs were chosen for this project as the London Ambulance Service NHS Trust felt they best met their demanding specification. Concerns such as reliability, Health & Safety awareness, eMark certification and the ability to respond to user requirements were all primary considerations, and the reputation Microbus has gained from experience with other UK emergency service clients was a major factor.

Microbus M-PC supports ProVida® video enforcement

Following trials of their recently delivered M-PC Mobile PCs, the UKAEA Police have successfully integrated the ProVida 2000 in-car video and speed enforcement system. The camera-based solution, used throughout the world, utilises the M-PC's high brightness touchscreen to display live and recorded action from the camera/video system.

Microbus' M-PC can also integrate with other camera enforcement systems like those supplied by Traffic Safety Systems. This complimentary technology is a further extension to the portfolio of applications supported by the M-PC. In addition to video enforcement, the UKAEA are able to



run Shark Automatic Number Plate Recognition, Isys FleetTracker mapping display and even on-screen control of the vehicle's lightbars, all through the single touchscreen.

Genesis UK (the Shark ANPR provider) installed the hardware and undertook much of the integration work which has led to a system Microbus will be showcasing at the ACPO and NAPFM Exhibitions later this year.



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