INCA2: First IP-Enabled Vehicle Tracking, Monitoring, Control and Connectivity Solution

Successor to widely deployed INCA system delivers robust in-vehicle access to business critical information; advanced monitoring and control for emergency services and public sector

January 2008 - APD Communications today launches INCA2, the first robust in-vehicle communications hub to support IP routing. INCA 2 combines flexible vehicle monitoring and control with a single point of access for all in-vehicle systems to data networks and GPS location information. INCA 2 succeeds INCA, with thousands of units deployed with the emergency services, transport companies, local authorities and private organisations around the world.

INCA 2 is able to leverage existing infrastructure while ensuring efficient use of bandwidth, helping to reduce operating expenditure. With INCA 2's standard connections (USB, RJ45 Ethernet and RS232 serial), users can readily mobilise applications using off the shelf hardware and software. Applications for INCA 2 include:

- Emergency services: Vehicle tracking; secure distribution of high risk/high value information; access to despatch systems; monitoring response times; optimal use of assets
- Local authority: Gritting machine tracking; monitoring spreading rates and dispersal; production of audit trails for insurance claims
- Field workers and contractors: Asset tracking; job despatch; navigation and mapping software updates; email and internet access; storage and upload of rich media and personal safety panic alarms
- Transport: Real-time vehicle tracking and billing; integration with national transport systems providing real-time departure/arrival information and secure distribution of high risk/high value cargo
- Utilities: Integration with a range of complex databases; remote access to high risk customer data, routing and scheduling systems and mobile performance measurement

“Real-time content-rich communication has migrated from offices to the home, and we firmly believe that the next step is in-vehicle networks. With all of the key public services making increasing use of internet communications and rich media, the time is right for a product that brings these capabilities to personnel on the move,” said Christine Stevens, Marketing Director, APD Communications.

INCA 2 is designed to be extremely flexible; with huge integration potential at a low risk investment. It is bearer-independent and therefore future proof, supporting a wide range of networks including GPRS, GSM, 3G, Paknet, TETRA and can support dual bearers. The Linux-based software system can be updated at any time over the air or via the USB interface. Analogue and digital inputs enable many systems to be monitored and digital outputs permit remote control. A CANbus interface provides a range of options for vehicle diagnostics and emissions monitoring, helping managers reduce their fleet’s fuel costs and carbon footprint. INCA 2 retains all the programmable capabilities of INCA 1 while offering increased capability.

With over 16,000 INCA units sold worldwide, APD Communications is at the forefront of vehicle monitoring and data connectivity. The company was selected by RealBusiness/O2 as one of the top 25 ‘Mobile Companies To Watch in 2007’.

About APD Communications

With over 24 years of experience APD is a global leader in mobile information, resource location/tracking and control room solutions. APD specialises in delivering mission-critical and business-critical solutions to organisations within the public sector, transport, security, logistics and the emergency services. APD's products are used in over 90 client sites in the United Kingdom, Scandinavia, Eastern Europe and the Middle East. Customers including 80 per cent of police forces in the United Kingdom (including The Metropolitan Police Service, Merseyside Police), the Abu Dhabi Police force, Newcastle City Council, the Romanian Government and leading organisations such as Balfour Beatty Infrastructure Services, May Gurney, English Scottish Welsh Railways. For more information please visit: www.apdcomms.com