



In order to meet the demands placed upon the Emergency Services, organisations are embracing new technology and relying heavily on third parties to deliver complex solutions on time and to budget.

Having worked in the public safety market for over 25 years, APD has extensive experience and a track record second to none in delivering fully integrated solutions with no risk to its customers. Using our innovative problem solving skills, APD provides solutions to meet your individual business requirements.

INCA is APD's powerful in-vehicle data communications and tracking unit, allowing Emergency Services to manage and optimise a geographically dispersed workforce from a single location. With over 21000 units deployed worldwide, INCA is a robust and proven product, delivering information on demand.

However, simply tracking your fleet will not give you the full picture. What you need is a tool that will provide you with information at the touch of a button, allowing you to respond proactively to the public.

To meet the ever growing requirements of in-vehicle communications, APD's INCA 2 has been extended; incorporating tried and tested functionality with enhanced capability to make it the complete, low cost mobile communications gateway.

Offering full IP connectivity, INCA 2 provides real-time two-way data communication between your Control Room and your officers, ensuring information is delivered when and where it is needed.

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

INCA 2 is designed with flexibility in mind, 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, 3G, TETRA, Paknet and Wi-Fi.

INCA 2 can support multiple concurrent bearers provided one is the internal GPRS bearer. The Linux-based operating system can be updated at any time over the air or via the USB interface. Digital inputs and outputs enable many systems to be monitored and digital outputs permit remote control.

A CANbus interface provides the capability for vehicle diagnostics and emissions monitoring, helping fleet managers reduce fuel costs and carbon footprint. INCA 2 retains all the programmable capabilities of the original INCA, while offering increased capability.

With APD's expertise and track record in this market, we are able to offer the true integration to meet your mobile data and tracking needs. We have a reputation for delivering robust, future proofed solutions, with the flexibility and breadth to ensure that your mobile requirements are satisfied.



Technology Investments that are Future Proofed

INCA 2's sophisticated communications router allows you to select which of your IT applications you would like to mobilise – at a timescale suitable for you. And in the search for lower cost communications, greater reliability and security, multi-functional INCA 2 more than meets your requirements, by offering you the ability to deploy multiple applications through one communications hub.

Using historical data, senior officers can ensure “hot spot” areas are monitored and officers deployed based on information gathered over a period of time.

Proof of driver behaviour can be helpful in cases where officers have been accused of driving malpractice. Data retrieved from INCA has been successfully used in English courts to prove that a driver has not acted negligently.

Asset and Resource Management

Assets have to be managed effectively in order to maximise the investment made in them. INCA 2 supports engine and vehicle diagnostics for optimum fleet management, allowing preventative maintenance schemes to be put into place which lead to a significant reduction in vehicle down time and fuel costs. Furthermore, the use of over-air programming of application and firmware means that your vehicles never need to come back to the depot to be reprogrammed – freeing up space and keeping your vehicles on the road. Once an INCA 2 system has been fitted, all elements of your remote workforce can be managed effectively. Information is gathered automatically and relayed back to the relevant office for analysis and recording.



INCA 2 provides information that assists in:

- Assigning the most appropriate resource to an incident leading to greater efficiency and reduced response times
- Monitoring the progress of resources en route to an incident
- Providing proof of driver behaviour
- Ensuring optimum use of resources, preventing over deployment of vehicles and officers
- Improving safety of officers working alone meeting health and safety requirements
- More efficient dispatch with the advantage of reduced voice communications
- Increased visibility of officers in the community by keeping vehicles on the road using INCA 2's over-air configuration
- Ensuring accurate identification of vehicles and higher quality of information using INCA 2's sophisticated functionality

Contact APD

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