

An ADT Wireless publication sharing news and views from our wireless world

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NSW Emergency Services Project On Track

The first quarter of 2003 has been a busy one for the team rolling out the NSW Emergency Services Mobitex network. The consortium comprising ADT Wireless, Technisyst and Ericsson has been working extremely hard to meet the tight time schedule imposed by the Department of Information Technology and Management (DITM). Bill Delaney, CEO of Technisyst commented, “We are very pleased with our progress so far. We are keeping to schedule with the first base stations due to be installed in the coming weeks”.

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BHP Steel increases efficiency with ADT Wireless and DigiCore Ctrack

BHP Steel is the leading steel company in Australia and New Zealand, supplying around 80 percent of all flat steel products sold in these markets. With a capacity of five million tonnes per annum, BHP Steel's Port Kembla Steelworks is one of the world's most technologically advanced producers of quality steel products. It specialises in the production of slabs and hot rolled coil. Described as the engine room of Australian industry, the Port Kembla steelworks uses busy Port Kembla to receive raw materials and to transport finished steel products by ship to other Australian ports or overseas.

When it comes to transporting finished products to port, BHP Steel employs transport contractors for the task. These contractors are required to pick up and deliver to port on a strict time schedule. Should a driver arrive late to port, BHP Steel is charged demurrage. BHP Steel were incurring considerable expense as a consequence of these late deliveries. The problem was how do they work out what part of the supply chain is causing delays? A solution was close at hand with DigiCore's Ctrack system.

Ctrack is a powerful mobile data logger unit that is mounted inside a vehicle to provide a log of operational parameters. Critical information is not only stored on the data logger but also relayed via ADT Wireless's Mobitex network to a central server to provide real-time vehicle loca-



BHP Steel's Port Kembla Steelworks

tion via GPS and monitoring of operational parameters.

BHP Steel decided on the Ctrack Mobitex system after an exhaustive search of available technology and much deliberation as to what best suited its business needs. A pilot implementation commenced in August 2002 involving one transport contractor. Some 40 vehicles have since had the Ctrack unit installed. The Ctrack host application is installed at the contractor's depot. The contractor now has a comprehensive picture of his operations to a level of detail previously unimaginable. BHP Steel is also provided access to some of the critical information via two client desktop machines at their premises. For the first time, both the customer and the contractor can accurately allocate responsibility in the supply chain. Not only does this provide a platform for significant improvement in supply chain efficiency (and consequently reduction in operational costs) but it also serves to strengthen the rela-

tionship between BHP Steel and its contractors. “Driver performance, safety and security have all been improved along with operational efficiency as a result of the Ctrack Mobitex installations”, says Brad Kerr, Senior Account Executive with DigiCore. He adds, “The GPS and real-time vehicle status reporting were a significant requirement, but it was Mobitex as a communications medium that made it cost-effective as a business solution”. Coverage has exceeded expectations; in fact it has been reported that the Mobitex coverage is better than any GSM coverage within the vehicles' region of operation.

For more information about the DigiCore Ctrack solution, contact DigiCore on (02) 4225-7999 or via e-mail on sales@digicore.com.au. You can also visit their website at <http://www.digicore.com.au>.





Did you know?...

ADT Wireless provides a number of convenient ways for you to interface your application into our network. These are:

- 1. Radio Modem Host** - Uses a radio modem connected at your premises directly into your application server.
- 2. Dial-up** - A PSTN connection from your application server into our network.
- 3. Leased Line** - A direct connection from your application into our network. A faster and more reliable method than conventional dial-up, albeit more costly.
- 4. Internet (IP)** - The most cost effective way to connect to our network. Allows connection anywhere the internet is available.

Contact us to discuss the type of connection best suited to your requirements.

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New Mobitex In-vehicle Modem

ADT Wireless has released a new in-vehicle Mobitex modem specifically designed to meet the needs of the transport and logistics market where connecting to Mobitex enabled in-vehicle telemetry equipment.

The NV-100 in-vehicle Mobitex modem is a 2W modem housed in a rugged, dust-proof aluminium enclosure that can be mounted in any configuration within a vehicle.

The unit allows for simple con-

nection to your telemetry equipment via an external serial port. Australian designed and manufactured, the NV-100 has been tested and certified to operate with approved Mobitex enabled equipment. Consult with your ADT Wireless representative to ensure your equipment is compatible.

For more information, contact your ADT Wireless representative.



"BlueTex" Bluetooth-Mobitex Device Sneak Peak



Ericsson has announced the development of a Mobitex to Bluetooth interface device codenamed "BlueTex". It is designed to be either carried on a belt (powered by batteries) or mounted in a fixed location such as in a vehicle (powered via an external power supply).

It will support the latest Bluetooth standard with a range of up to 100m to a compatible device.

The device will invariably find many applications, particularly amongst mobile workforces such as couriers and applications utilising Bluetooth enabled handhelds.

Mobitex CompactFlash and PCMCIA Modems

Global Wireless Networks Inc. (GWN) of MD, USA has announced the development of Mobitex CompactFlash and PCMCIA modems for all Mobitex frequency ranges.

GWN is planning to have a US 900Mhz commercial product on the market around June/July this year. 400MHz modems for the

Australian market are due a little later in the year.

This is great news for the Mobitex community, providing a new level of flexibility to the market, particularly for the spate of handheld devices which now come standard with either a PCMCIA or CompactFlash slot.

Marjorie Lawrence, President and CEO of GWN said, "The new Mobitex modems will support Automatic meter reading (AMR), Public Safety including fire, police and EMS, Fleet Management, Asset Tracking, and Waste Management systems".

About ADT Wireless

ADT Wireless owns and operates Australia's only Public Mobitex Wireless Data Network. The company was formed in February 2002 when Tyco Services acquired the assets of United Wireless. United Wireless had operated the Mobitex Network in Australia since early 1993.

The ADT Wireless Network is a complete mobile data network based on Ericsson's most advanced Digital data technology; Mobitex®, a digital cellular Network. Like a mobile telephone system, overlapping radio cells provide the coverage in the ADT Wireless Network. But instead of transmitting voice and charging by the amount of time you use, we transmit data and charge for the amount of data you send.

The network is particularly well suited to mobile data applications, however static monitoring applications are also prevalent. The one thing our customers have in common is a need for a secure, reliable and cost effective wireless data infrastructure.

The network provides coverage across Australia, centred around the major population areas of Brisbane, Gold Coast, Newcastle, Sydney, Wollongong, ACT, Melbourne, Adelaide and Perth. For more specific coverage information, coverage maps are available for download on our website at <http://www.adtwireless.com.au> or by contacting us directly as per the details shown on the left.