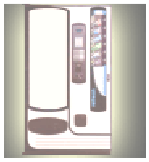
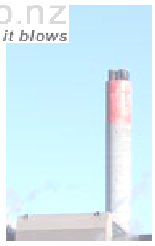
Digital Telemetry



wind.co.nz
we know when it blows



Telemetry is a technology that allows the remote measurement and reporting of information.

Digital Telemetry is a company specialising in the provision of wireless telemetry services for your remote equipment.

We connect your remote, unattended equipment to you... wirelessly. We keep it connected; we tell you when it's broken; we can even monitor your equipment and tell you when it wants your attention.

Some of our customers use our network to collect their data directly from their equipment. Others leave it all to us: ***Digital Telemetry*** delivers the processed final results to them according to agreed formats, schedules and delivery mechanisms.

We do all this using proven Siemens wireless controllers and modems connected to our network management servers, through which customers can securely access their equipment using RS232/serial, digital I/O, analogue input or current loop (4-20mA)… from any Internet connection in the world.

You focus on your business, your data and your customers; ***Digital Telemetry*** will take care of data delivery, monitoring, disaster recovery and staying connected.

Contact us to find out about how easy it can be to take advantage of our Invisibridge® network-based services. Features include:

- support for legacy software and equipment
- support new remote control and data acquisition solutions
- always on IP wireless networking without hassle

Use our Invisibridge® network to access your equipment via:

- the "Web", using a standard Internet browser
- your legacy software
- or even just plain old *hyperterm* or *telnet*

How we help our customers

All of our customers have something in common. They all have machines somewhere that measure, or process, or collect data. And they want fast, cost effective, and reliable access to their data. ***Digital Telemetry*** provides the means of getting the data *where* clients want it and *when* they want it.

The machine generating the data could be environmental monitoring, or a traffic control system, or a sewage pump monitor, or a simple weather station. It could be a dairy farm monitor, or a vending machine, or mobile sales data.

By plugging an Xtensor® modem into the machine, we manage communications with our host computers over a secure network. Via our Invisibridge® network, we collect, or process, or relay data and messages to our clients – either immediately or at regular intervals.

Get to Market Quickly

Customers benefit from our existing, scalable infrastructure. If you have a solution in mind, ***Digital Telemetry*** can have your trial or proof of concept up and running quickly, with very low start-up investment. Our infrastructure and price structure both scale cost effectively from a single unit proof of concept to nation-wide rollouts of hundreds of units.

Digital Telemetry Ltd, PO Box 24 036 Manners St, Wellington, New Zealand. Phone: (04) 566 6860

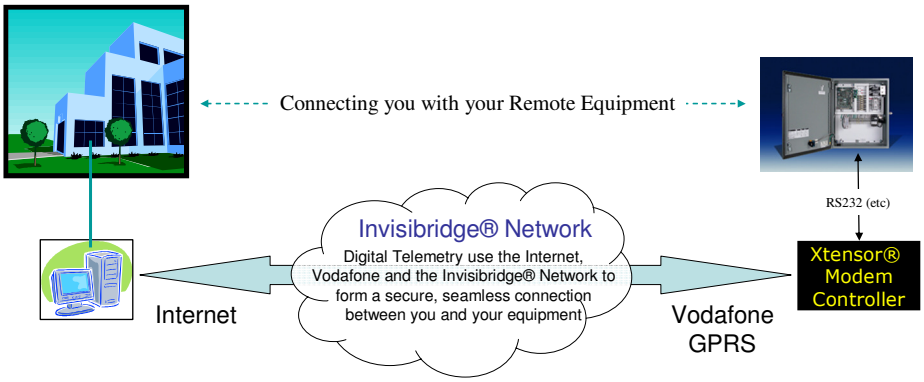
● Remote data acquisition ● Systems control and monitoring ●

www.digital-telemetry.com

Solution Architectures

Digital Telemetry has a range of products and services developed to address your telemetry communication needs.

The Invisibridge® network is central to our services. The network's software and intelligent hardware components are configured to make the responses, protocol conversions or data transformations you require. The details of each customer's solution will vary, but the result will be the same: a secure bridge between you and your equipment.



- Always-on means real-time access to data
- Range of connection options: serial tunnels; Web Browser; TCP/IP
- Monitors, with SMS/Email alerts

Extend the life of your Legacy Equipment

Many customers have a substantial investment in legacy equipment and systems. The equipment itself continues to be useful, but communication with it needs to be improved to cope with the increasing importance of current data. The Invisibridge® network was specifically designed to support and enhance communication with legacy equipment.

Telemetry equipment often communicates using standard protocols: RS232 or RS485 serial; digital I/O signals and switches; or simple analogue signals. The ***Digital Telemetry*** intelligent Xtensor® modem understands these protocols and can relay your equipment's data stream back to our servers over our TCP/IP based Invisibridge® network.

Aging communications technologies (such as a land-line modem that "dialed home" once a day) can be replaced with a ***Digital Telemetry*** "*always-on*" connection providing constant real-time access to both your equipment and its data.

Web-based Remote Control

Use the ***Digital Telemetry*** web site to interact with your equipment's analogue and digital I/O ports. You will have a personal log-in to a web page configured specifically for your equipment. You can view the current values of analogue and digital signals, or remotely set your equipment's digital switches. You can configure the service to respond to alarm conditions: for example, we could send you an email when the digital signal representing "*high temperature*" triggers.

Provision of Processed Information

You can receive information the way you have always wanted it, rather than how and when your equipment delivers it.

Digital Telemetry's services include the ability to store and/or process your data, and then deliver it to you in whatever form you requested: email reports; Web site pages with charts and downloads; Web service transactions; real-time delivery of summarised or filtered data; etc. Talk to us about your specific wish list.

Why Xtensor® modems and the Invisibridge® network are unique

Digital Telemetry products and services are unlike those available from other suppliers.

Our Xtensor® modem controllers are programmable, allowing us to pre-process client data in order to make the most cost-effective use of the communications network. Not only are they programmable, but they can be controlled, re-configured or re-programmed by us from New Zealand – or from a PC anywhere in the world.

Our services go beyond a reliable simple 2-way connection to your equipment. We add the ability to interact with your equipment's digital and analogue ports from our web site… again, from a PC anywhere in the world.

Alternative technologies are emerging that promise to let you establish a connection to your equipment. ***Digital Telemetry's*** experience and reliable infrastructure go a step further by staying connected, and connecting in more ways.