

## About Us

CYPLEX innovations provide new and better ways to control and protect your future. With over 30 years of engineering experience CYPLEX has a proven record of unmatched excellence in providing scalable cellular mobile solutions, from personal monitoring, to large corporate and public utility applications.

Our products are conceived, designed and produced in-house giving us full control over every aspect of the manufacturing process. There is no compromise. That's why CYPLEX Networked Telemetry solutions continue to be the product of choice.

## Innovations

**1995**

Freeloader™ packet data power line carrier (PLC)

**1996**

Networked Telemetry™ packet data wireless and PLC AMR system

**1997**

World's first pure SMS based AMR Packetiser™

**1999**

Electricity pulse meter logger Packetiser™

**2001**

Gas pulse meter logger Packetiser™

**2003**

World's first SMS/GPRS body-worn telemedicine products for real-time health monitoring and GPS tracking of athletes, emergency services personnel and the infirm.

**2003**

Three-in-one GPRS/SMS/ Circuit Switched Data AMR Packetiser™

**2003**

SMS/GPRS advertising and vending Packetiser™

**2005**

Covert Camera Packetiser™ – Homeland Security

PACKETISER™

## Contact us ...

**CYPLEX**  
Communications

38 Leighton Place  
Hornsby NSW 2077  
Australia

+61 2 9482 4269 phone  
+61 2 9482 4222 fax  
sales@cyplex.com.au

www.cyplex.com.au

**When your control  
is remote...**

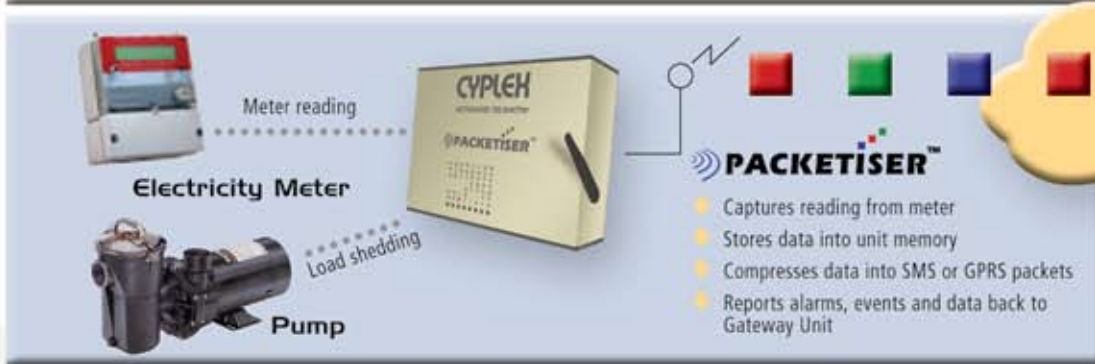
 **PACKETISER™**  
a **CYPLEX** innovation





- ◆ 3 data transfer methods (SMS/GPRS/CSDC)
- ◆ High data compression - Low communications costs
- ◆ Low cost Central Monitoring Infrastructure
- ◆ Simultaneously read thousands of meters per hour
- ◆ Redundant Design Features – Never loses data
- ◆ Operates in very low signal strength

- Automatic Meter Reading
- Environmental Monitoring
- Vending
- Security
- Telemedicine
- Telematics



Cell phone receives alarms, interrogates and controls Packetiser via SMS text messages



## Remote monitoring and control from your Cell Phone!

### The Technology

CYPLEX Packetiser is a tightly integrated data logger and communications device, providing reliable communications over GSM cellular networks across the world. Packetiser enables real-time monitoring and control of assets and resources via any existing cell phone or PC.

From Meter Reading to Home Security, Vehicle Tracking to Pipeline Monitoring, Packetiser is flexible enough to adapt to an unlimited variety of applications.

Special data compression techniques ensure that information is transferred across the network efficiently and at the lowest possible cost, ensuring large-scale applications like Remote Meter Reading are economically viable.

### Special Meter Reading Features

Special features enable Packetiser to interface to any meter and any power supply. Designed to reduce installation costs, Packetiser offers an integrated three-phase power supply for direct connection to AC powered meters.



Packetiser's ultra low power consumption enables it to run from battery or solar panels making it ideal for Gas and Water Metering applications. With up to two years of continuous use from a CYPLEX Long Life Battery, installation costs at remote, unpowered sites are dramatically reduced.

### Programmable Over the Networks

Configuration and software upgrades can be handled either at site, or from the convenience of head office, by simply downloading software changes to the Packetiser over the existing cellular networks.

Large-scale installations benefit from the ability to manage upgrades remotely and without the involvement of field personnel, reducing maintenance costs whilst providing high levels of security and ease of use.

### Timely Control

Packetiser's inputs and outputs provide fast, responsive monitoring and control, ideal for load shedding and resource management. Packetiser sends alarms to key personnel via SMS to alert them to problems, using their existing cellular handset.

Personnel can interrogate each individual Packetiser for up to date information and send text message commands to control remote equipment such as pumps and motors.