



## Maser Group News

### About Us

Established in 1983, the Maser Group has grown into a multi-national company with offices in Australia, New Zealand, UK and France.

**Maser Australia** is a diversified distributor of specialised products and services including Test and Measurement, RF Transmission, studio, industrial cable and instrumentation to the telecommunications, broadcast, manufacturing and defence markets.

### New Products

#### Instrumentation products added to product range

Maser recently added a new dimension to their already extensive product range. **Mechanical Pressure Gauges** are now part of the new Instrumentation range Maser has available.

In alliance with **ITEC** (Italy) who are known for their high quality pressure and temperature instruments, Maser will now provide a range of products that include pressure gauges, differential pressure gauges, thermometers, thermowells, diaphragm seals, valves and accessories.

#### Dialight lights exclusively by Maser

Maser is now officially Dialight's exclusive distributor in Australia and New Zealand for the LED obstruction lights used for towers/masts. The lights are now CASA certified and FAA approved. They feature state-of-the-art high intensity LEDs that use 90% less power and last up to 10 times longer than incandescent lamps, significantly extending replacement intervals and reducing tower maintenance costs.



#### Interference hunting tool for RF Network optimisation

Tektronix has announced a new addition to the NetTek portfolio. The RF Scout Interference Hunter provides all of the tools necessary to hunt for RF interference and check signal quality in one rugged, handheld platform, enabling network performance planning and optimisation teams to explore, discover, analyse and document interference or other signal quality problems in a field-ready tool.

The handheld form factor, performance and durability make measurements convenient, reliable and accurate whether inside a building or outdoors.

### Current Project

#### Kathrein's Trisector Pipe antenna

Maser's Wireless Group has installed **Kathrein's** very low profile UMTS/GSM1800 **Trisector Pipe antenna**. Picture is showing one of the antennas installed at Greenfield Park, NSW.

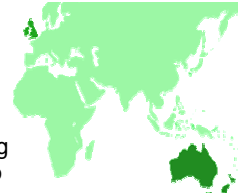
Features full Remote Electrical Tilt and special built service area to incorporate a single unit TMA that provides up to 3x Double Tower Mounted Amplifier for each of the three antennas within the top radome. A special low profile characteristic provides appearance of less than 1.4m height and only 0.23m diameter.

### General Manager - Brad Woods

Brad has been with the Maser Group since 2004 and has played a key role in leading and growing the business into an even stronger and more competitive organisation.

"The Maser team has very successfully managed to further expand our product and services portfolio within our niche areas of expertise. This has ensured we are able to deliver a broader range of relevant solutions to our clients to meet their increasing demands of business" states Brad.

Brad has a diverse background across engineering and finance disciplines having held several management positions including; Esso Australia, Nalco Australia, Ernst & Young and Energetics Consulting.



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In brief:

- Maser's **defence division** is working in partnership with leading Defence departments and suppliers, providing Automatic Test and Measurement systems (ATE). Maser exhibits at TecXpo in Adelaide in August.
- **Vodafone** has selected Maser as the 3G/WCDMA Antenna and general infrastructure products vendor.
- **France website**, Maser France website is now online [www.masergroup.com/fr](http://www.masergroup.com/fr)
- Maser's **UK office** has been successful in meeting the July 2006 deadline to be RoHS compliant with their Alpha Wire products.

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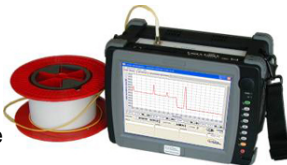


## Telecommunications News

### Product Highlights

#### New high resolution and high sensitivity OTDR

Sunrise Telecom are pleased to announce a new handheld device to expand your OTDR test options: The photon-counting Optical Time Domain Reflectometer (n-OTDR) is a high dynamic-range, short distance OTDR. The n-OTDR enables the analysis of short optical networks (up to 40 km for single mode fibers, with measurement windows between 200 m and 800 m), with a very high spatial resolution (in the centimetre range).



This type of measurement is impossible with a standard OTDR. Please contact us for more information.

#### Spectrum, QAM, DOCSIS and sweep testing in one single portable unit

Sunrise Telecom's AT1800RQS Spectrum Analyser has the power and flexibility to perform comprehensive RF testing. With its extensive complement of test tools, this instrument provides the most efficient means to set up and maintain your HFC (Hybrid Fiber Coax) network, starting at the head-end or node and covering the entire RF coax plant.

Only the AT1800RQS can deliver the complete functionality required to correctly and quickly diagnose, locate and resolve a wide range of problems— a true spectrum analyser, QAM analyzer, cable modem and sweep transmitter/receiver.



#### Tektronix announced K1297-G35 protocol analyser

Tektronix has announced the Tektronix K1297-G35 Protocol Tester for mobile equipment manufacturers and mobile operators. Building on Tektronix' recognised leadership in simulation and emulation of mobile network elements, the K1297-G35 brings to market high level of test performance and allows the testing of new technologies such as HSDPA and HSUPA at data rates of up to four times 14.4 Mbps

Tektronix' K1297-G35 enables customers to test 3G networks under simulated yet realistic conditions. The K1297-G35 provides the scalable platform needed to support multi-interface, high-performance as well as high-capacity test applications.

#### Shenick addresses IPTV and Triple Play performance of quality issues

Shenick is one of the first companies to anticipate and address the many new real-world deployment issues that the emergence of triple play has brought to IP communications. Shenick customers can now test critical IPTV, triple play, broadband services performance and quality issues within a single system. It includes new features such as enhanced IPTV test and video quality analysis and the addition of VoIP, DHCP and PPPoE protocols.

Shenick's diversifEye handles the complete cycle of broadband customer access scenarios from obtaining an IP address via DHCP to establishing PPP tunnels through emulation of real user application traffic flows of multiple IPTV, VoIP, VoD and data applications such as Web, P2P and email.



#### Can you provide reliable video telephony in 3G UMTS?

Video telephony is *conditio sine qua non* in 3G UMTS – a vital part of the new service provided by 3G! Keynote SIGOS has now added new SITE applications for end user Video Telephony experience testing.

Today where legacy services co-exist with 3G offerings, End2End testing and roaming automation are critical requirements for service deployment and profitability. Contact us to discuss SIGOS solutions we can offer you.



### Account Manager - Tony Conlan

Tony has been a valuable member of Maser's telecommunications team for the past year and a half. With his degree in engineering and 5 years experience in the test and measurement industry, he has been very successful in finding the right solutions for many of our customers.

Based in our Melbourne office, you can contact Tony on his mobile 0410 535 845 or email [tony.conlan@maser.com.au](mailto:tony.conlan@maser.com.au).

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#### In brief:

- Maser plans to hold a one day **training** session covering **SDH/xDSL** and key market concepts. Please contact us today to express your interest.
- **Nemo Technologies** is proud to introduce the upgraded Nemo Multi system now supporting up to five terminals simultaneously instead of the previous four.
- **Sage Instruments** makes field test sets, automated wireless test systems and various other test components and systems for the telecommunications and wireless test industry. The company specialises in **VoIP testing**.
- We represents **Tektronix'** Network Diagnostics Products including **Wireless Field Test, Mobile Testers and Internet Protocol Diagnostics** products.
- Shenick **diversifEye** test systems determine key quality and performance limitations associated with the major trend towards convergence of voice, video and enhanced broadband data services coupled with the increased threat of network security attacks.

**Contact us today to speak to one of our telecommunications specialists.**

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