

## **Visual Radio System (VR System) Robust Wireless Solution For Mobile Communications**

Singapore, 15 June 2001 – CET Technologies will be introducing a wireless broadband multimedia system known as Visual Radio System (VR System) at this year's BroadcastAsia 2001, following upon its successful launch of Eureka 147 DABOne Conditional Access System last year.

The Visual Radio (VR) system employs Eureka 147 Digital Audio Broadcasting (DAB) technology as a reliable means to broadcast a wide variety of multimedia contents apart from high quality audio, in order to meet growing demands of mobile users in the multimedia age. With its robust design, VR is ideal for portable, mobile and fixed reception using public DAB transmission infrastructure (such as radio signals) to carry multimedia contents to a vast audience in a wireless environment.

Using the VR System, broadband multimedia information can be delivered to any infocomm device (such as personal computers, laptops, hand-held computers) equipped with a VR receiver. This efficient, effective and economical means of broadcasting high quality digital images, CD-quality audio and video data will open up new business opportunities to broadcasters, content providers and manufacturers.

In the Internet Age, provision of "mobile" information has become a vital factor for commercial industries to stay ahead of competition. The need for easy and fast access to information by business users and consumers has led CET Technologies to develop a Visual Radio System as a cost effective solution for content providers to offer multimedia contents to both close user groups and the public at large.

### The Visual Radio System

The VR System comprises an USB-enabled DAB receiver and the associated client software for the mobile user. For broadcasters or content providers, this will include a subscriber management system (SMS), a video encoder, a VR scrambler and a VR server. The system can be configured for both public and close-user group applications. With a VR receiver connected to a PC, laptop or other forms of suitable internet appliances, users can easily "tune-in" to interference-free and crystal clear quality audio, associated still images and even video programs from content providers.

Some business applications include traffic control and emergency announcement broadcasting, distance and e-learning, entertainment and stock information broadcasting as well as email distribution.

The Visual Radio System can be viewed at BroadcastAsia 2001, 19 June 01 to 22 June 01, at the Singapore Expo, Hall 2 Booth #2J1-1

### CET Technologies Pte Ltd

CET Technologies Pte Ltd (CET) is a subsidiary of Singapore Technologies Electronics Limited. CET has, over the past two decades, built up extensive experience and skills as a leading System House in the region for Communication and Electronics business. It has vertically integrated the processes of design, development, production, system integration, maintenance and system upgrade to be a one-stop solution house for its customers.

### Singapore Technologies Electronics Limited ("ST Elect")

ST Elect, the electronic arm of Singapore Technologies Engineering Ltd, is one of the largest electronic

system houses in the region. ST Elect prides itself in delivering innovative system solutions to defence, commercial and industrial customers worldwide. It specialises in the design, development and integration of advanced electronics systems, such as communications, microwave, traffic and rail management, mobile real-time, training & simulation, intelligent building management and intelligent rail systems. ST Elect ensures that new technologies and design applications are applied to the demands and stringent requirements of customised electronic systems and solutions. Continuing research and development help create cost-effective proprietary products at both the system and component levels, ensuring that innovative and quality solutions are delivered to customers.

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For more information please contact:

Magdalen Loh  
AVP / Head, Corporate Communications  
Singapore Technologies Electronics Limited  
Tel: (65) 6 413 1788  
Fax: (65) 6 413 3087 / 6 484 8800  
Email: lohlm@stee.st.com.sg

Wilson Oon  
Manager  
CET Technologies Pte Ltd  
Tel: (65) 6 568 7324  
Fax: (65) 6 567 6769  
Mobile: 9791 9524  
Email: jennifers@cet.com.sg