

Vertex Standard's Digital Communication Equipment Facilitates the 2nd Asian Youth Games in Nanjing

November 22, 2013, Beijing — Vertex Standard recently cooperated with Nanjing Wanglian Communications Technology Co., Ltd (hereinafter referred to as Nanjing Wanglian) to provide two-way radio communications in support of the 2nd Asian Youth Games (AYG). Vertex Standard deployed its latest eVerge™ DMR range of products consisting of EVX-531 digital two-way handheld portable radios as well as VXD-R70 digital repeaters. These products are characterized for having better voice audio quality, wider operational coverage and longer standby time to enable the successful event communications management during the games period.

As one of the biggest youth sports events in Asia, the 2nd Asian Youth Games was held successfully in Nanjing in August this year. A total of 27 stadiums and gymnasiums were used for the games which involved 2,406 youth athletes and 13,582 youth volunteers. As most of the games venues and athletes' accommodations were located inside the city, radio frequency interference was big issue due to a large number of two-way radio users and very noisy environment at the sporting venues. The game organizer's operational challenges included how to secure wireless communication against interference of irrelevant frequencies, how to ensure the clear voice amid noisy background and how to make certain the delivery of key information in an accurate and timely way. This led Nanjing Wanglian to collaboratively work with Vertex Standard in designing and commissioning the communications infrastructure to best address these challenges.

The 2nd AYG lasted nearly a month from pre-event rehearsals to the closing ceremony. In order to ensure the smooth running of the games, Vertex Standard undertook detailed analysis, extensive planning and in-depth investigation about the required communications support to AYG before making the decision to deploy digital two-way radio products for use during the games. More than 2,000 eVerge EVX-531 digital two-way radios and VX-459 two-way radios were used together with over a dozen VXD-R70 digital repeaters. The EVX-531 digital two-way radios were deployed at all stadiums and gymnasiums of the AYG, athletes' village compounds, VIP hotels and airport greeting area.

Vertex Standard's eVerge digital communication solution performed flawlessly during this high profile and significant public event. eVerge digital radios provided a positive operational experience to event organizers and users by delivering the following performance advantages:

- Reliable, high-quality communication through clear voice transmission via digital audio signals to effectively reduce noise and radio interference caused by the high-density electric installations and communication equipment in use throughout the more built-up urban area and stadiums;

- Enhanced voice quality supported by the AMBE+2™ vocoder technology filtering unwanted background noise that was critical for successful communication at the games with large crowds in attendance generating a tremendous amount of noise.
- Powerful call management functions supporting a variety of voice communication needs during the games enabling event management to contact one person privately or a select group of users without being heard by others on the same frequency throughout the event facilities; and
- Ability to double the capacity of frequencies for maximum efficiency using DMR digital two-way radio technology. This solved the challenge of risking a potential shortage of radio frequencies to support the large communications requirement that could have been experienced using all analog radios.

Vertex Standard and Nanjing Wanglian also sent a team of technical experts to address and provide reliable support for probable communication issues encountered during the games period, ensuring timely reactions and complete customer satisfaction.

SUPPORTING QUOTES

Lu Qing, General Manager, Nanjing Wanglian Communications Technology Co., Ltd.

It is a significant experience to provide quality and reliable communications to support the operational requirements of the 2nd Asian Youth Games. We appreciate the collaborative cooperation with Vertex Standard, whose excellent digital communication products and specialized technical teams enabled the design, deployment and support of a robust communications infrastructure for the high profile and important games in Nanjing China. The events at the AYG were carried out successfully and the Vertex Standard eVerge DMR solution provided excellent communications performance that was expected by the organizing committee with competitive overall cost.

Sun Yibing, China Sales Director, Vertex Standard LMR, Inc.

It is a great honor to provide communications technology and support to the 2nd Asian Youth Games in cooperation with Nanjing Wanglian. Backed by a team of competent engineers, we have deep experience in providing the right communication technology to support the MICE (meetings, incentives, conventions, exhibitions and events) industry, including major sports events like the AYG. We are confident in the performance of our products and look forward to providing Vertex Standard solutions and technology to support future large-scale MICE and sports activities. At Vertex Standard, we are committed to providing precision-engineered products that deliver value without sacrificing quality for our customers, by giving them the capabilities and the flexibility they need to communicate at their best.

Dr. Michael N’Guyen, Director of Sales and Distribution, Asia Pacific and Middle East (APME), Vertex Standard LMR, Inc.

Vertex Standard has a tradition of maintaining a focused commitment to delivering quality radio communications equipment that supports business productivity and we have once again demonstrated this at the 2nd Asian Youth Games. We worked closely with our local partner

Nanjing Wanglian to deliver on the required solution that demonstrated value for money and improved operational experience during throughout the event. We are proud to have never lost sight of this commitment and are relentless to do what it takes to continuously earn our customer's trust, business and achieving total customer satisfaction.

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About Vertex Standard

Established in 1956, Vertex Standard LMR, Inc. is a global manufacturer of two-way radio communications equipment. Vertex Standard radios sold in China are covered with a 2-year warranty backing of reliability for maximum value. For more information on any Vertex Standard land mobile radio, visit www.vertexstandard.com or send email to vertexstandard-ap@vertexstandard.com