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PRESS RELEASE

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Multiple Live 4K services DVB-S2 and DVB-T2 Transponder at ABU DBS, Kuala Lumpur

Village Island, Aviindos and TotalComm will join efforts with MEASAT Satellite Systems ("MEASAT") in a demonstration of Asia's first ever live multiple 4K HEVC satellite uplink/downlink and decoding services on a single DVB-S2 channel and single DVB-T2 channel at the ABU DBS 2014 show in Kuala Lumpur.

Kuala Lumpur, Malaysia – A live demonstration of a unique satellite and terrestrial hybrid 4K transmission system is in the works for the upcoming ABU DBS (Digital Broadcasting Symposium) 2014 Exhibition in Hotel Istana, Kuala Lumpur, Malaysia.

For the demonstration, Village Island and Aviindos developed with MEASAT the idea to empower the live transmission through a DVB-S2 transponder. This follows a request from the DVB group to demonstrate dual 4K services on a single DVB-T2 channel. The demonstration is also in response to generic deployment trends in South-East Asia to deploy digital TV concurrently via satellite and terrestrial means.

"The DVB-T2 deployment of a country is a step by step process which can last several years and some region with low density of population may be very late to receive the DVB-T2 stream. Only the combination with satellite can permit a complete and fair coverage of the overall country. We see it as a common requirement through the Digital TV deployment process to offer identical signals over terrestrial and satellite. The Satellite also offers the advantage to distribute synchronously the broadcast feed to hugely distanced terrestrial transmitters. We even start to see digital TV STB (Set-Top-Box) with hybrid DVB-S2 and DVB-T2 tuners", says Jonathan Triboulet, Sales Director at Village Island Asia.

"As part of our goal to offer a viable total solution to our customers and partners, we are taking this opportunity to showcase the ideas that has been deemed conceptual. For that purpose, we are very happy to partner with such a great names as MEASAT for real DVB-S2 satellite transmission and Total Communication for on-site 3m width downlink antenna setup to feed Village Island/Aviindos DBS booth (#59-60) and also the DVB Workshop area with the live carrier signal. Also, to monitor the carrier reception quality and continuity, a live carrier monitoring system "Decimator D3" from SED Systems Canada will be setup on-site for the 4 day event." says Naveendran Murthy, Sales Director, Aviindos.

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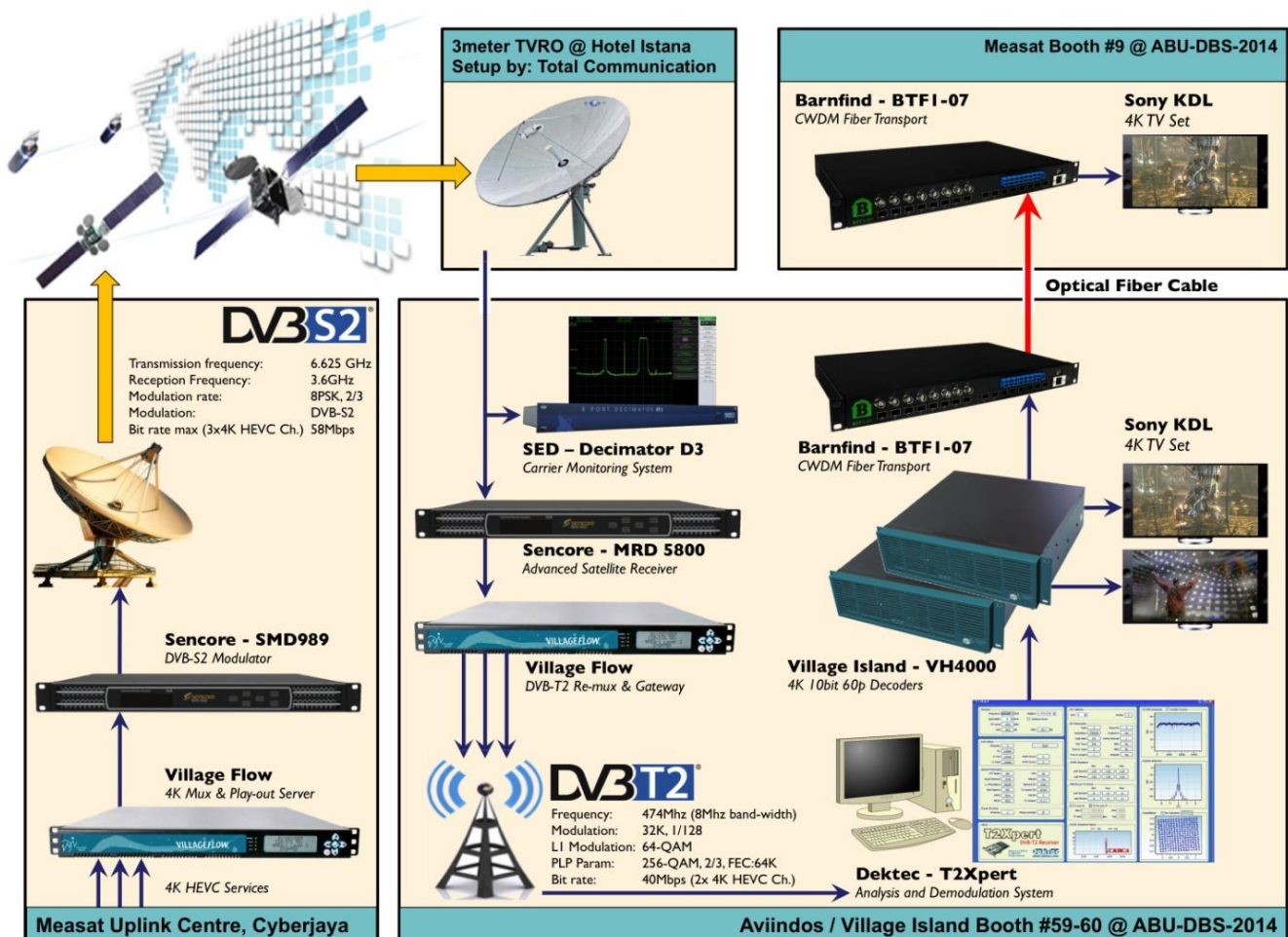
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"For such advanced 4K reception, we are glad to provide the Village Island "VH-4000" real-time HEVC decoder and display two 4K videos on advanced 4K display such as the SONY 65" KDL-65X9004A. The 4K video will also be viewed on MEASAT booth using Sony 55" KDL-55X9004A, as we transported the base-band 4K signal over fiber thanks to the unequalled BarnFind synchronous SDI transmission technology. The DVB-T2 modulation and demodulation is empowered by DekTec unique technology. For instance, DekTec's T2Xpert enables DVB-T2 detailed parameter analysis while achieving PLP forwarding over IP." says Michael Van Dorpe, President of Village Island. He adds: "Please attend our DVB Workshop for more explanation on this topic". (Workshop11/Session 4: "Future of TV Content" at 9:00 am - 10:30, on the 6 March 2014 at SAFIR II room at ABU@Hotel Istana)

"MEASAT is excited to once again be part of an industry first, that is to support, at ABU DBS, the first ever live over satellite 4K Trials using HEVC. These trials demonstrate MEASAT's drive to be at the forefront of new, innovative satellite services, as we work hand-in-hand with our partners to take technology from concept to application and then to businesses and the consumer," said Raj Malik, Senior Vice President - Sales and Marketing, MEASAT.

"The satellite connectivity for these trials will be provided by our MEASAT-3 satellite, which covers over 100 countries across the Asia Pacific. MEASAT looks forward to offering our MEASAT-3/3a platform at 91.5°E to provide both recorded and live 4k transmission, such as for the World Cup 2014 and 2016 Olympics," concluded Raj.

The system as realised by Village Island, Aviindos, TotalComm & MEASAT:



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About Village Island

Village island provides a wide range of audiovisual solutions. Our core mission is the distribution of broadcast technology and products from IP core, OEM hardware, software and SDK platforms to stand-alone equipment and system for Head-Ends and digital broadcasting. We also develop our own solutions and integrations to meet the advanced and specific needs of our customers. The switch from analog to digital brings revolution through all the ramifications of the Communication, the Broadcast and the Audiovisual industry, but more is to come in terms of continuous evolutions of hardware platform and server performance, but also in term of software flexibility and intelligence, towards an ever widening range of business applications.

VILLAGE island Co Ltd, Tokyo head office was founded in August 2005.

VILLAGE island Asia Pte Ltd, Singapore office was founded in November 2007.

More information about company, customers and products can be found on www.village-island.com

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About Aviindos

Aviindos sets its focus in the industry of Test and Measurement as well Broadcast solutions with the aim to provide reliable and value added solutions to the industry with its wide range of products and services, from training and repair, to customization and system integration. Our vision is to be the leading test and infra solutions provider, with the mission in creating accessibility to the latest technology available from around the globe, primarily from the Japanese, European and the North American manufacturers. The solutions from our business partners bring to the industry the latest technological advancement to suit the various industry needs, from Wireless, Satellite/Terrestrial/Broadcast, IP/VOIP/TDM and Electronic test right down to Infrastructure solutions. As part of the company's value proposition to its customers, Aviindos aims to deliver the highest level of products and solutions to set and meet the industries' evolving expectations.

More information about company, customers and products can be found on <http://www.aviindos.com/>

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About Total Communications

Total Communications Sdn Bhd was established in 1995 initially with the active participation of three local partners and a foreign interest. Currently, the company is 51% owned by Bumiputra interests. The primary objective of the company is to provide high performance and reliable products & engineering services in the satellite, microwave and wireless communication and broadband fields. The two most important business practices in the company are quality and service assurances, two elements of which we feel forms the core of a high performance engineering company. Therefore we are fully committed to provide high level and prompt services, whether it is during installation or post-installation service & maintenance. We take pride in developing & using the skills and knowledge of our technical personnel after the supply, installation, testing, commissioning and the maintenance of more than 2500 satellite and wireless sites throughout

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Peninsular and East Malaysia. We are constantly upgrading our technical competence level with guidance and assistance from our international Principals & strategic alliances. We NEVER STOP learning.

More information about company, customers and products can be found on <http://www.totalcomm.com.my/>

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About MEASAT

MEASAT is a premium supplier of satellite communication services to leading international broadcasters, Direct-To-Home (DTH) platforms and telecom operators. With capacity across five (5) communication satellites, the company provides satellite services to over 150 countries representing 80% of the world's population across Asia, Middle East, Africa, Europe and Australia.

The MEASAT fleet includes the state-of-the-art MEASAT-3 and MEASAT-3a satellites at 91.5°E supporting Asia's premium DTH and video distribution neighbourhood; MEASAT-2 at 148.0°E; and, MEASAT-5 at 119.5°E. In Africa, the AFRICASAT-1a satellite at 46.0°E provides satellite capacity across the African continent with connectivity to Europe, the Middle East and South East Asia. The MEASAT fleet will be further strengthened with the addition of MEASAT-3b in May 2014 and MEASAT-3c in H2 2015.

Leveraging facilities at the MEASAT Teleport and Broadcast Centre, and working with a select group of world-class partners, MEASAT also provides a complete range of broadcast and telecommunications solutions. Services include 3D, high definition and standard definition video playout, video turnaround, co-location, uplinking, broadband and IP termination services. For more information, please visit www.measat.com.

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