Unique Broadband Systems Ltd.

PRESS RELEASE

Canada India partnership project in medical electronics to ensure affordable healthcare

New Delhi, 17th November, 2017*: Unique Broadband Systems Ltd, UBS, of Toronto, Ontario, Canada and Kaynes Technology of Mysore, India, have been awarded funding by the Global Innovation & Technology Alliance, GITA, of India and Global Affairs Canada, for the co-development and co-marketing of* ***High Power RF Amplifiers for Low Field Magnetic Resonance Imaging, MRI, Applications.*** *The project falls under the Program category of* ***Affordable Healthcare, Electronic System Design and Manufacturing (ESDM).***

*Working together****,*** *the Governments of Canada and India aim to foster and support collaborative industrial R&D projects with high potential for commercialization. The Canadian International Innovation Program (CIIP) is delivered in partnership with the National Research Council of Canada Industrial Research Assistance Program (NRC IRAP). Within the scope of this project, UBS will design the high power RF circuitry and signal processing electronics, while Kaynes will provide the packaging and manufacturing expertise required for the creation of* ***high performance, high reliability amplifiers, which will be used in both new and legacy MRI scanner installations*** *in India, Canada & in other related market. The project is expected to commence in Jan, 2017 and be completed by early to mid 2019.*

The Honourable François-Philippe Champagne, Minister of International Trade, Canada *said, "Global Affairs Canada is proud to deliver on the Canadian International Innovation Program. In this case, this remarkable initiative makes it easier for Canadian SMEs to enter the market and narrows the distance between medical expertise and equipment for the people who need it most, particularly those in rural or remote regions. Together, we are making a stronger, more innovative economy."*

Kiran Hirpara, Director of Engineering, UBS *said "Low field MRI scanners will be helpful in terms of portability for intra operative surgery (in operating room and during surgery), for medical research in universities and hospitals and cost effective solutions for affordable healthcare support and diagnosis in rural or remote areas."*

Col Sharath Bhat, Senior Vice President, Kaynes Technology *said, "This joint venture will introduce a breakthrough technology in RF based power amplification of MRI or any image processing devices. It enables portability, less heat dissipation and easier cooling through normal air coolers for MRI scanners. This in turn, will make MRI scanning machines more affordable and will also be suitable for rural applications."*

Dr. Suprotim Ganguly, Chief Executive Officer, Global Innovation & Technology Alliance (GITA) *explained, "MRI system plays an important role in detection technique in medical science, In this context, I am happy to state that UBS Canada along with Keynes Technologies, India under the India - Canada Joint Bilateral Industrial R& D project supported by DST/GITA in India & GAC/NRC IRAP in Canada would be developing a Solid State RF Amplification based interface to enhance the signal of low Tesla MRI output. This will bring a radical change in affordable healthcare sector in India & in other related market.*

Neil Kochar, Industrial Technology Advisor (NRC IRAP) and CIIP Canada (Country Lead for India) *said, "Through CIIP, the Government of Canada has placed a priority on innovation as a mechanism to generate long term prosperity through collaboration with India. UBS and Kaynes will work together to address a critical need in affordable healthcare in India, with potential applications in many other industry verticals mutually beneficial to both the countries"*

About Unique Broadband Systems Ltd

Unique Broadband Systems Ltd has over 27 years of experience in the design and manufacture of RF systems for radio, television, medical, scientific, satellite and cellular applications. With over 100,000 sq ft., of combined design, development and manufacturing facilities in Toronto, Ontario, Canada and Pittsburgh, PA, USA, UBS is well positioned to successfully accomplish the goals of the GITA & NRC project. UBS's team of PhD scientists, engineers, and technologists are geared up to effectively meet the never ending technological challenges that it faces on a global scale every day. Privately held, Canadian controlled, UBS Ltd., retains annual profits and reinvests into technology for the industries and markets that it serves. UBS will continue to design and partner with international entities to insure that the UBS brand remains at the global forefront of technology. For more information, please visit http://uniquesys.com/

About Kaynes Technology

Kaynes Technology has been in the Business for last 29 years. Kaynes Technology is a leading Electronics Design & Manufacturing Services company in India, having State of the Art facilities spread over seven locations in India, including Embedded Design & Engineering Services, and a separate MRO for Electronic sub system repair for Indian Railways and Defence business units. It also has a Cable & Harness company for Medical and Aerospace segment. Kaynes has received numerous awards from both the Central and State Govt. It is awarded with the Platinum award from SKOTCH International as a Best Performing SME. It is a DSIR recognized R&D facility, which is rare recognition. It has 10 Global Certifications including ISO 13485 and NADCAP accreditation. For more information, visit https://www.kaynestechnology.net/en/