



PRESS RELEASE
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CYBERVIEW ACCELERATES USE OF IOT IN CYBERJAYA
1ST LORA-POWERED SMART CITY IN SOUTHEAST ASIA
Completion of Ten Environmental Sensors

CYBERJAYA - 8 May 2017

Cyberview Sdn Bhd (“Cyberview”) and Atilze Digital Sdn Bhd (“Atilze”), a wholly owned subsidiary of Yen Global Berhad, are pleased to announce Cyberjaya as the first smart city in Southeast Asia to utilise a city-wide LoRa network to connect various Internet of Things (IoT) sensors. LoRa is a ready and available low power, long range (LoRa) wide area network technology which is designed to meet the demands of today’s Internet of Things (IoT) applications and services.

Following the collaboration between Cyberview and Atilze to build, operate and commercialise the LoRa network in Cyberjaya in August last year, eight (8) environmental sensors have been successfully installed in Cyberjaya with two more slated for installation by end May. This development would enable the provision of detailed and reliable data on key environmental parameters which include temperature, humidity, and air quality using PM2.5 sensors.

The installation of the temperature and humidity sensors enable the measurement of the surrounding air which would then prevent elements like periods of heat wave affecting the community. A heat wave is an extreme weather condition with prolonged periods of abnormally high temperatures, which may be accompanied by high humidity. It is usually measured relative to the usual weather in the area and relative to normal temperatures of the season. A severe heat wave is dangerous as the heat and sunlight may overheat human body which could potentially cause deaths. A study from Harvard and Columbia University has estimated that Southeast Asia’s 2015 haze crisis may have caused 100,300 premature deaths.



Hence, the **PM2.5 sensors installed in Cyberjaya enable the monitoring of Air Quality Index (AQI) in real-time** and can communicate this valuable information to the community. This would then prevent individuals with medical problems like asthma, chronic lung disease, chronic sinusitis and allergic skin conditions from experiencing severe attacks as a result of a far from ideal weather condition.

“The installation of the environmental sensors improve and enhance the quality of living standards in Cyberjaya by providing accurate and detailed real-time data. The Air Quality Index (AQI) data provides localised and accurate AQI information to everyone, including schools, businesses, and governments. With this information, informed decisions can be made for the well-being of the people. The environmental sensors are just the beginning and we are working very hard to deploy more IoT applications onto the Cyberjaya LoRa network and achieving our aim in positioning Cyberjaya as a living lab for smart city solutions,” said Mr. Gerard Lim, Chief Executive Officer of Atilze.

Users are now able to view the real-time data extracted from the environmental sensors from the public dashboard www.cyberjayamalaysia.com.my/aqi.

In addition to these environmental sensors, Atilze and Cyberview will soon make available a Smart Parking solution that uses LoRa-based parking sensors that will allow residents and visitors of Cyberjaya to detect available parking spaces and make the information available either through a smart phone mobile app, in-car app or using digital signage.

“IoT is the next blue ocean market. LoRa network has its unique advantages in supporting IoT applications. The Internet of Things is quickly moving from concept to solid reality. Our collaboration with Cyberview will allow us to stay at the cutting edge of smart city solutions that will deliver the best possible connected living experience. We thank Cyberview for seeding the development of a smart infrastructure roadmap that can enhance the liveability of this urban centre for years to come,” added Gerard.

“Cyberjaya is a Living Lab for technologies in our aim to elevate Cyberjaya into a smart city. In doing so, we are constantly striving to improve and maintain our innovative ecosystem by growing and nurturing IoT talents and businesses, regardless of the maturity stage of their products,” said Dato’ Faris Yahaya, Managing Director of Cyberview Sdn Bhd.



“By piloting technologies in Cyberjaya, these innovative solutions can be tweaked according to the needs and demands of the people and once they have reached the highest operational potential, these technologies can be deployed to different parts of the country. This will then benefit all Malaysians by impacting and improving their quality of life,” added Dato’ Faris.

Staying true to the mantra of a Living Lab, established enterprises, start-ups, IoT hardware developers, and students are welcome to develop IoT applications on the LoRa network in Cyberjaya. In order to encourage the adoption of deploying technologies through the Cyberjaya LoRa network, Cyberview and Atilze will be organising workshops and training sessions in July this year to educate those who are interested in kick starting IoT projects through the LoRa network.

Atilze will also be launching the LoRa shield for Arduino and make available a range of Developer Kits that would make connecting to the Cyberjaya LoRa network even easier. Both Cyberview and Atilze are encouraging everyone to tap onto the LoRa network in Cyberjaya. To get started, please send your emails to hello@atilze.com.

Several companies are starting to adopt IoT using the Cyberjaya LoRa network. Cyberview has also recently identified the cohort shortlisted for the latest installment of the Cyberview Living Lab Accelerator (CLLA) programme. The startups participating in this CLLA programme will be offered free use of the Cyberjaya LoRa network to develop their smart city solutions. Atilze will assist in unlocking the potential of these startups’ IoT applications and solutions using the LoRa network.

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About Cyberview Sdn Bhd

Cyberview has been at the forefront of Malaysia’s development as a technological hub since its inception in 1996. Starting out as the developer of Cyberjaya, it has grown from strength to strength, until maturing into its current role as an enabler of global tech hubs. For more information, please visit <http://www.cyberview.com.my/>.



About Atilze Digital Sdn Bhd

Atilze Digital Sdn Bhd (“Atilze”) formerly known as VLT Wholesale Sdn Bhd is the high technology Internet of Things (IoT) venture of Yen Global Berhad (“Yen Gobal”), a company listed on the Main Market of Bursa Malaysia Securities Berhad.

Atilze’s shareholders (via Yen Global) include Gemtek Technology Co Ltd. (“Gemtek”) of Taiwan, an established global wireless broadband product leader with revenues over USD 1 billion annually and listed on the Taiwan Stock Exchange under symbol ticker (4906). Gemtek is a pioneer member of the LoRa Alliance.

Atilze supplies IoT and connected objects hardware devices, cloud based data-driven applications and services for Connected Car and solutions built on low-Power Wide-Area Network (LPWAN) especially on LoRa technologies.

For more information, please log on to <http://atilze.com/>

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