



For Immediate Release

The Opening of CSL Technology Centre Marks Latest Milestone in LTE

Asia's first commercial LTE trial in operation

Hong Kong, 25 November 2009 – CSL Limited (CSL), Hong Kong's leading mobile operator today officially opened its *CSL Technology Centre* in Kowloon Bay, Hong Kong. The opening of this state-of-the-art centre marks an important milestone in the development of telecommunications in Hong Kong as it will enable Asia's first commercial Long Term Evolution (LTE) trials.

LTE, also known as 4G, is the latest step toward the 4th generation of radio technologies designed to increase the capacity and speed of mobile telephone networks. The opening of the CSL Technology Centre comes shortly after CSL announced in September 2009 the roll out of UMTS HSPA+ in the 900 MHz band, the first instance of spectrum re-farming seen in Hong Kong. At that time, CSL and its network partner, ZTE Corporation, not only reached an agreement to build out an LTE commercial trial network within CSL's Next G, but also demonstrated LTE live in Hong Kong during which speeds up to 127 Mbps were shown.

The CSL Technology Centre will play a key role in the development of LTE as it will be hosting a full LTE lab including Core and Radio equipment and be the home of Asia's first commercially deployed trial LTE cell site, which will lay a solid foundation to push the commercial trial network further into the market.

Guests at today's opening ceremony were treated to live demonstrations of the centre's capabilities. CSL Chief Executive Officer, Tarek Robbiati, officiated at the ceremony. "CSL is making progress in realizing the promise of LTE for Hong Kong," said Robbiati. "The CSL Technology Centre represents another milestone in bringing LTE technologies to this market. We already have a world-leading network in place with Next G but LTE will ensure that we can gradually enhance this network and cope with the increased demand for bandwidth and coverage that customers will require in the years to come, making CSL a 'safe bet' for customers, corporate and private alike for many years to come.

"Customers are now demanding broadband access inside and outside the home and office. They can surf the Internet or send e-mails using HSPA+ Next G enabled notebooks, replace their fixed line internet connections with HSPA USB modems, and send and receive video or



music using 3G/HSPA phones. The demand for real mobile broadband is on the rise, everywhere and somewhat surprisingly at anytime. We have witnessed new usage patterns of our customers and exponential growth of data traffic by 15 times when compared with the legacy 3G network since the Next G launch in March 2009.

Robbiati added: "Scheduled to be commercially available in 2010-11, LTE will significantly enhance the mobile broadband experience for users, who will be able to enjoy more performance-demanding applications like interactive TV, advanced games or professional services.

Christian Daigneault, CSL Chief Technology Officer, said: "We have completed our Next G network integration and swapped out our legacy network to an All IP network based on Software Definable Radios. This has paved the way for an easy roll-out of LTE in the future. CSL is currently rolling out UMTS and HSPA+ 900Mhz technology which will be completed by early 2010. This is the first, real application of spectrum refarming in Hong Kong, which will further enhance our coverage to ensure high-level outdoor coverage and in-building penetration rates in the high density urban environment of Hong Kong.

"As Next G is an integrated, All-IP multi-mode network and we have wide spectrum bands which can be refarmed, CSL is now LTE-ready. We have been working closely with our network partner, ZTE, in the development of LTE technology in Hong Kong. We are confident about remarkable progress we have made so far and hopefully, with this groundbreaking technology, CSL will be the first to roll out LTE service in Hong Kong. In order to achieve this goal, we have also been working closely with our handset suppliers and partners to capitalise on the Next G opportunity and to deliver a unique Next G experience to our customers with innovative UMTS 900, and soon LTE devices."

About CSL

CSL is Hong Kong's first and leading mobile network operator. It is also the first mobile company in Hong Kong to employ a distinctive market segmentation strategy and it uses leading-edge technologies to provide customer-focused services through segmented brands: [1010](#), [One2Free](#) and [New World Mobility](#).

It operates Next G, a world-class GSM / WCDMA network through which it offers comprehensive post and pre-paid mobile services to both local and international customers. CSL is also the leading roaming operator in Hong Kong to provide unmatched international multi-media connectivity with over 470 mobile operators around the world. For more information, please visit www.hkcsl.com.



CSL is a subsidiary of Telstra Corporation Limited, Australia's leading telecommunications and information services company (www.telstra.com).

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