

Name of I&T products/ Solutions

**(CHI) 在車輛上試用先進駕駛輔助系統+4S 智能駕駛安全方案以提升及研究駕駛安全行為
(ENG) Application of Advanced Driver Assistance Systems + 4S solution to vehicles, to study and enhance driving safety on road**

Additional information attached to this proposal

Improve road safety and reduce traffic accidents

The "zero accidents on the road, Hong Kong's Goal" is a vision of road safety in Hong Kong as most people have also heard about it, with various government departments also actively promoting a wide range of road safety activities with a view to reducing the number of traffic accidents and their severity. Relating closely to the development of science and technology, our vision is no longer just a dream as the fact of the matter is that we have gradually moved closer to our goal of sharply reducing road accidents and the casualties.

The development of smart city in Hong Kong

Smart City has its core concern on the implication of Smart Transportation and uses the opening up of more data and information to facilitate public travel, which undoubtedly enhances road safety and reduces traffic congestion caused by traffic accidents and ultimately construct a smart city with smart mobility, and making a meaningful contribution to Hong Kong's road safety improvement.

The 4S Solution

A study has pointed out that 85% of road traffic accidents are closely related to the driver's attitude and behavior on the road and the 4S Solution is a positive remedy that not only helps the fleet improve safety, corporate image and productivity, but also improves vehicle performance and fuel consumption; reduces traffic accidents and thus reduces the number of accidents caused by extreme driving behaviour.

Hong Kong citizens Antonio Wong Shek-tung, Ben Wong Chun-kau and Bill Tang Wai-piu have co-invented and developed The 4S Solution in regard of this far-sighted vision.