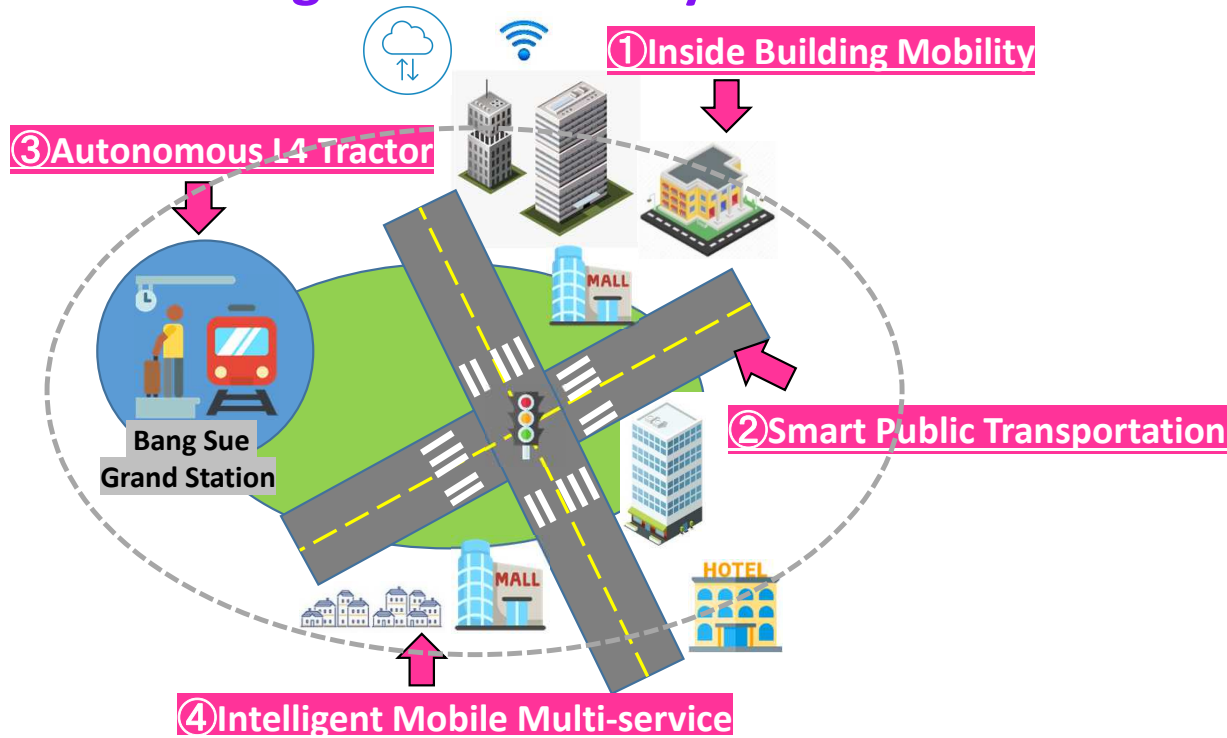


Bang Sue Smart City Area



Let Bang Sue Smarty City be a pioneer to lead “Smart Station” in ASEAN regions

- Build a 5G digital ecosystem of for Bang Sue area
- Improve the transportation efficiency to accelerate Thailand tourism industry
- Provide innovative and convenient service to benefit the community in Bang Sue area, easy to access and safety
- All the mobility solutions are “green energy”

Data to be used

- Data in the "Data List": ID 1-1, ID 1-2, ID 1-3, ID 1-5, ID 1-8, ID 1-9, ID 1-10, ID 1-17, ID 2-1, ID 2-4, ID 2-5, ID 2-7, ID 2-11, ID 3-27, ID 3-28, ID 3-29, ID 3-31, ID 3-32, ID 3-33, ID 4-36
- Data required for collection: 5G coverage area of Bang Sue area
- Data collectable through implementation of proposed idea: 3D MAPPING, real-time data, fleet management

The proposed “Intelligent Mobility” is an ecosystem that includes our products and service for inside and outside building, public transportation, and specified for the context of “transportation hub”.

① Inside Building Mobility

AI Smart Service Robot



- Direction Guidance
- Information Gathering
- Customer Attraction
- Facial Recognition
- Food/Service Delivery

*User cases in Thailand: MK, Siam Paragon, Black Canyon, MBK, etc.
 *Ready to conduct a POC anytime in Thailand

③ AI Autonomous L4 Tractor

TractEasy

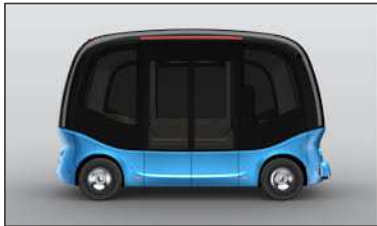


- Operates up to 24/7 in complex indoor and outdoor environments without dedicated infrastructure
- Connects to infrastructure to autonomously navigate traffic lights, automatic doors and barriers
- Clean energy
- Fleet management

*User cases in Japan Narita airport (JAL), Singapore Changi airport, France factory, etc.
 *Under business development in Thailand

② Smart Public Transportation

Apollo AI Autonomous L4 Minibus



- Capable in public road scenarios and driving behavior in accordance with traffic regulations
- Human-machine interaction
- Fleet Management
- Clean energy

*User cases in China: Beijing, Shanghai, Wuhan, etc.
 *Applicable to conduct a POC (project basis)

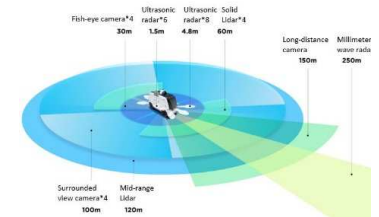
④ Intelligent Mobile Multi-service

Neolix Autonomous L4 vehicle



- AI-powered "mobile service": retail, logistics, express, patrol and other urban services
- Robust world model based on high accuracy of distance and speed

*User cases in Thailand (Siriraj Smart Hospital, KMITL, PIM, EECi), Japan Ishigari Smart City, China public roads (Beijing, Shanghai, etc.) and other 27 countries globally.
 *Ready to conduct a POC anytime in Thailand



We, have an international team, are ready to provide world-level of Intelligent mobility solutions for “Bang Sue Smart City” by collaborating with global autonomous technology leaders and Thai local partners.

- ① **AI smart service robot** can improve the efficiency, bring the convenient service inside the hotels, malls and offices to create a happy living environment for Bang Sue community
- Bang Sue area is a busy context of transportation hub, ② **L4 autonomous minibus** can operate continuously for transporting passengers 24/7 especially during peak hours, the fleet management can support to analyse the best route and solve the bottleneck of time management, it can provide satisfied services and a better experience to the passenger.
- The issue of crowded and 24/7 busy situation in Grand Station can be solved with utilizing ③ **L4 autonomous tractor** to transport luggage, cargo and heavy stuffs in case of tough work loading situation and lack of manpower during nighttime or holidays
- ④ **Neolix autonomous vehicle** is able to provide multi-service based on different application scenarios, such as on Bangsue Skydeck.

*Example, Siriraj hospital already applied this intelligent vehicle to deliver medicine for solving logistics issue, the cloud technology also supports real-time data sharing and contribute Siriraj hospital to be world-class 5G smart hospital

