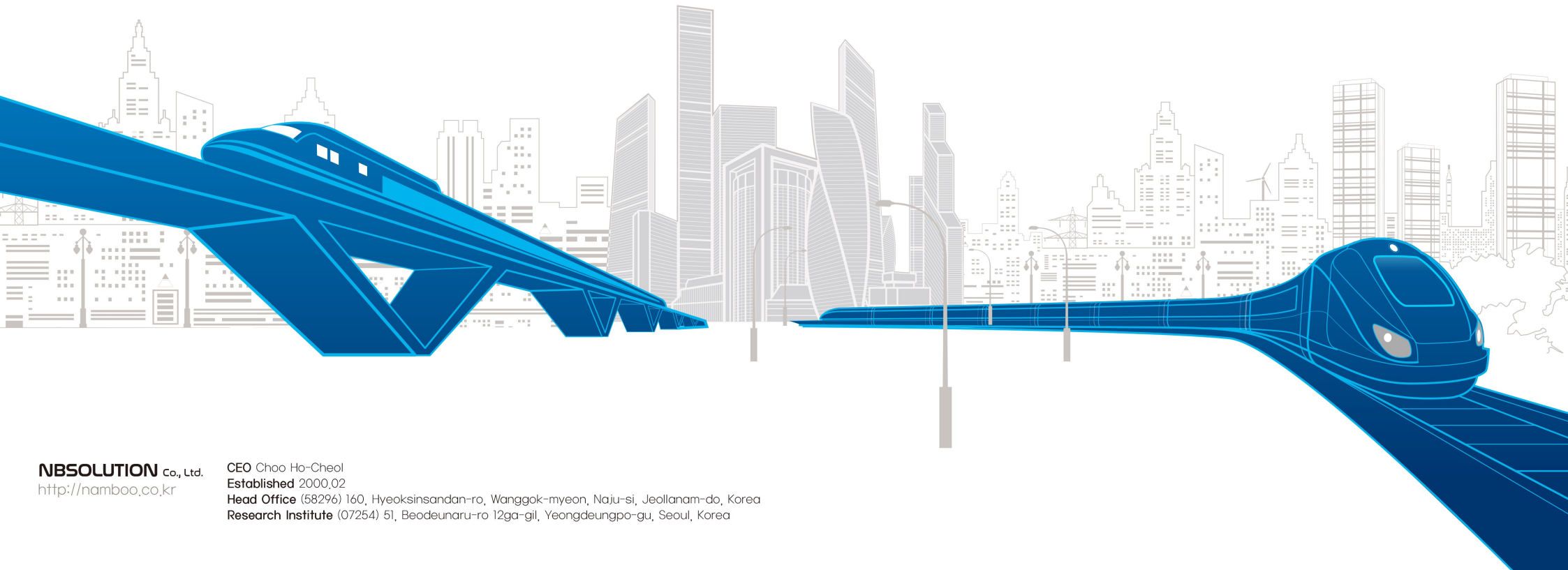


NBSOLUTION



STU

HIGH SPEED RAIL



RBC STU

Interlocking

Radio Block Center
(RBC)

Safety Transmission Unit

Safety Transmitting & Ensuring Integrity of Subset-026 between KVC and RBC

COMMON APPLICATION STANDARD

SUBSET-026, ERTMS/ETCS, System Requirements Specification
SUBSET-037, Euroradio FIS
SUBSET-098, RBC-RBC Safe Communication Interface
SUBSET-114, KMC-ETCS Entity Off-line KM FIS

COMMON SPECIFICATION

Dual core Arm®Cortex™-A53
CPU Freq up to 1.5GHz
Armv8-A Architecture(64bit)
Ethernet 100/1000 Base-T / 8ports
USB 2.0(Host) type-A / 2ports
USB 2.0(Client) type-B / 1port
UART(Serial) / 4ports

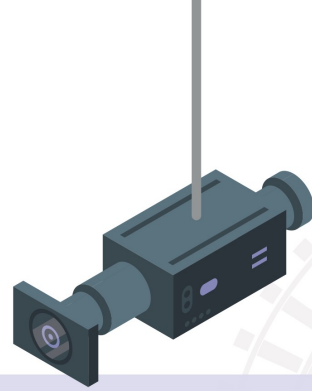
RBC STU



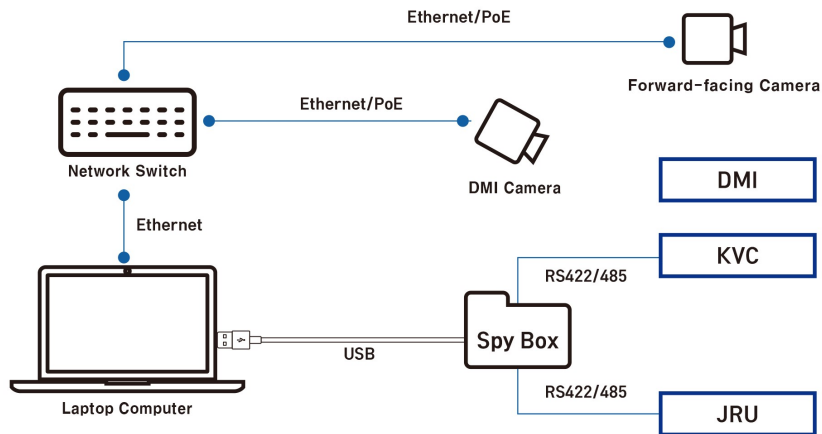
KVC STU



ERTMS CAMRECORDER



Constructing *track maps*
Recording and tracking *KVC data*
Verified testing equipment
Providing *reports*



KEY FUNCTIONS

- DMI display & recording
- Forward-facing camera screen display & recording
- Speed graph display & recording
- Track map progress display & recording
- Real-time message display & recording
- Visualized user interface
- Reproduction and verification of test results through playback
- KVC-JRU Interface

RAILWAY SIGNAL VERIFICATION DEVICE



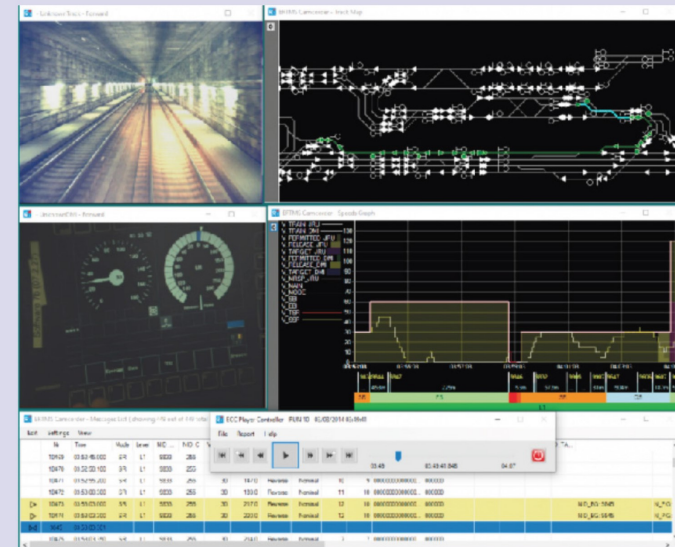
Laptop Computer
Including software for trial runs
Interface for various data collection



Camera
Recording the forward-facing view
Recording the DMI screen



Network Switch
Transmitting camera visuals to a laptop
Providing an interface for camera control



Spy Box
Message capture tool KVC-JRU



UPS
Reliable power supply device



Storage Box
Safely storing components