InnoTrans 2014 Berlin

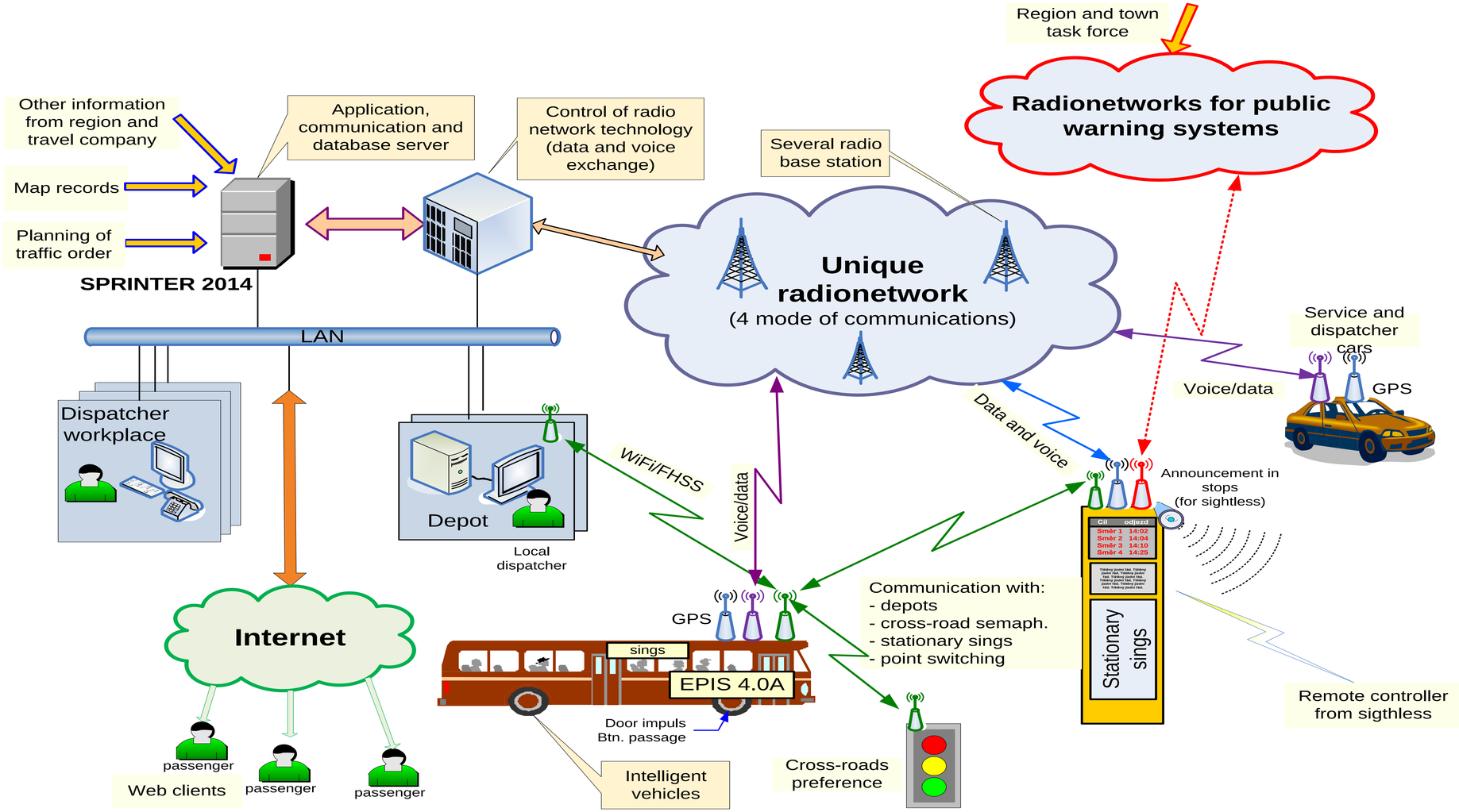
HERMAN Electronics

presents

solution and products for public transport

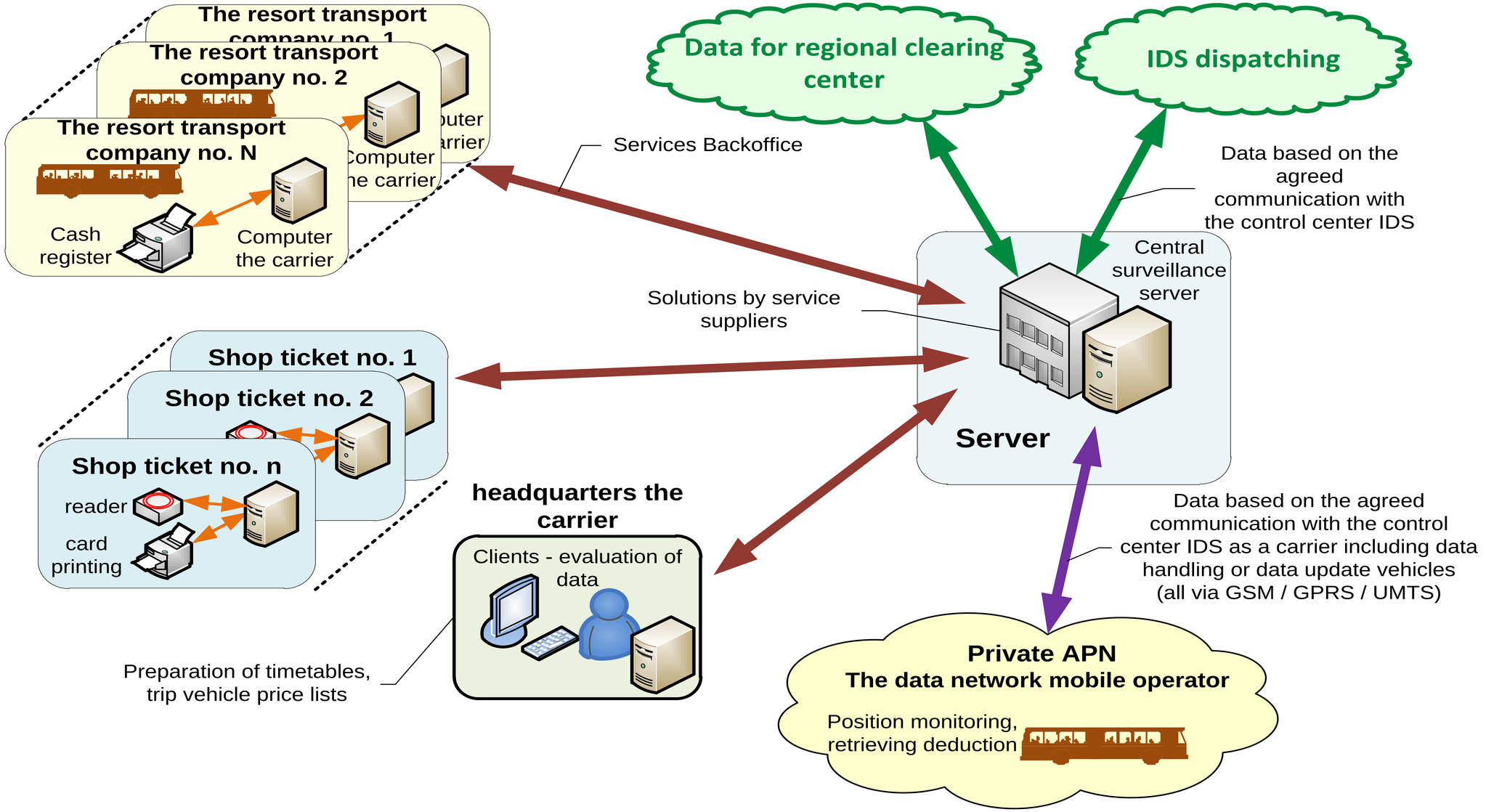
Complex system solutions

We offer complex system solution - from vehicle information system through dispatching control system to intelligent transport stops



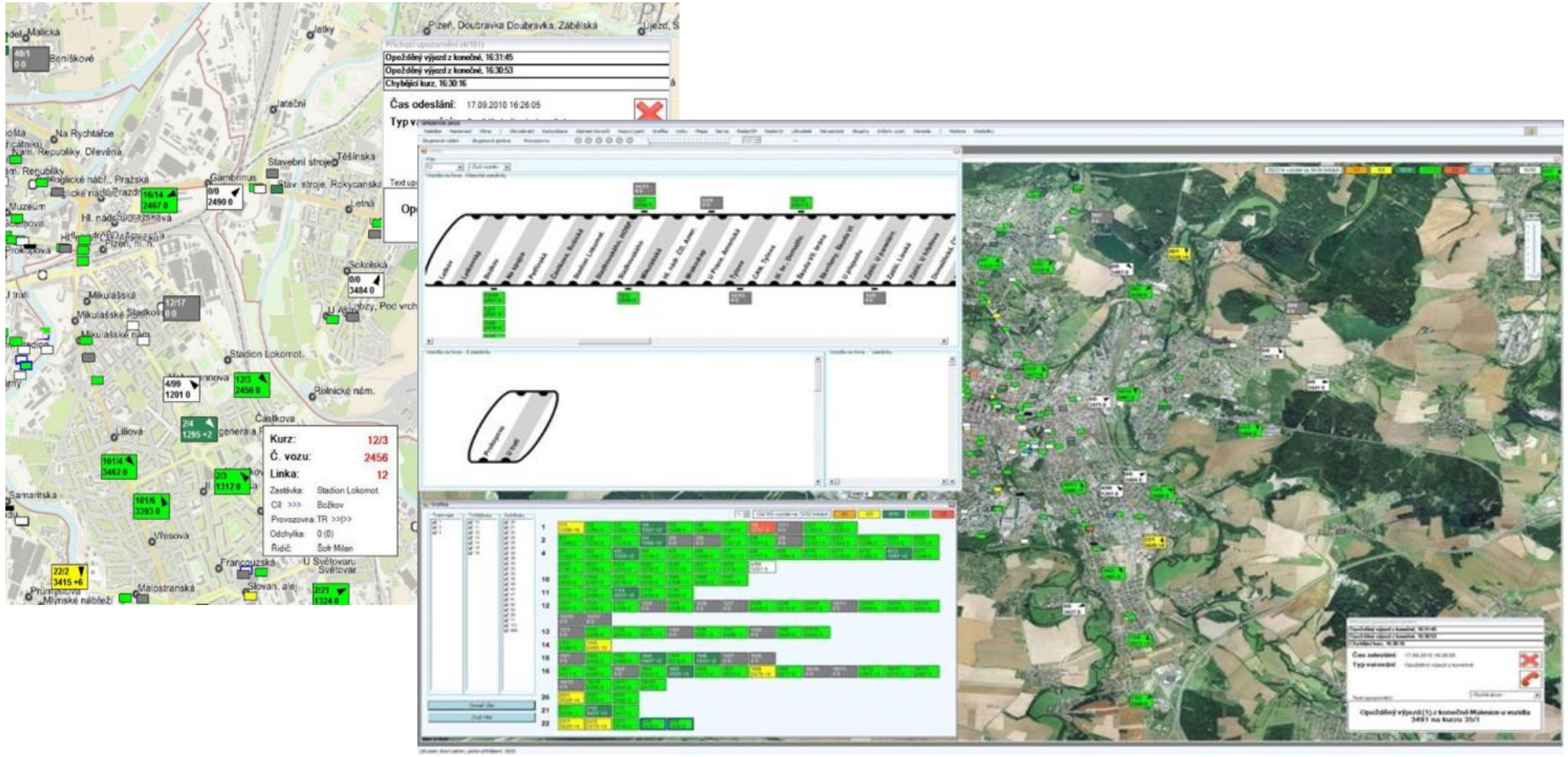
Dispatching systems

Example of realized structure of dispatching control system for regional public transport



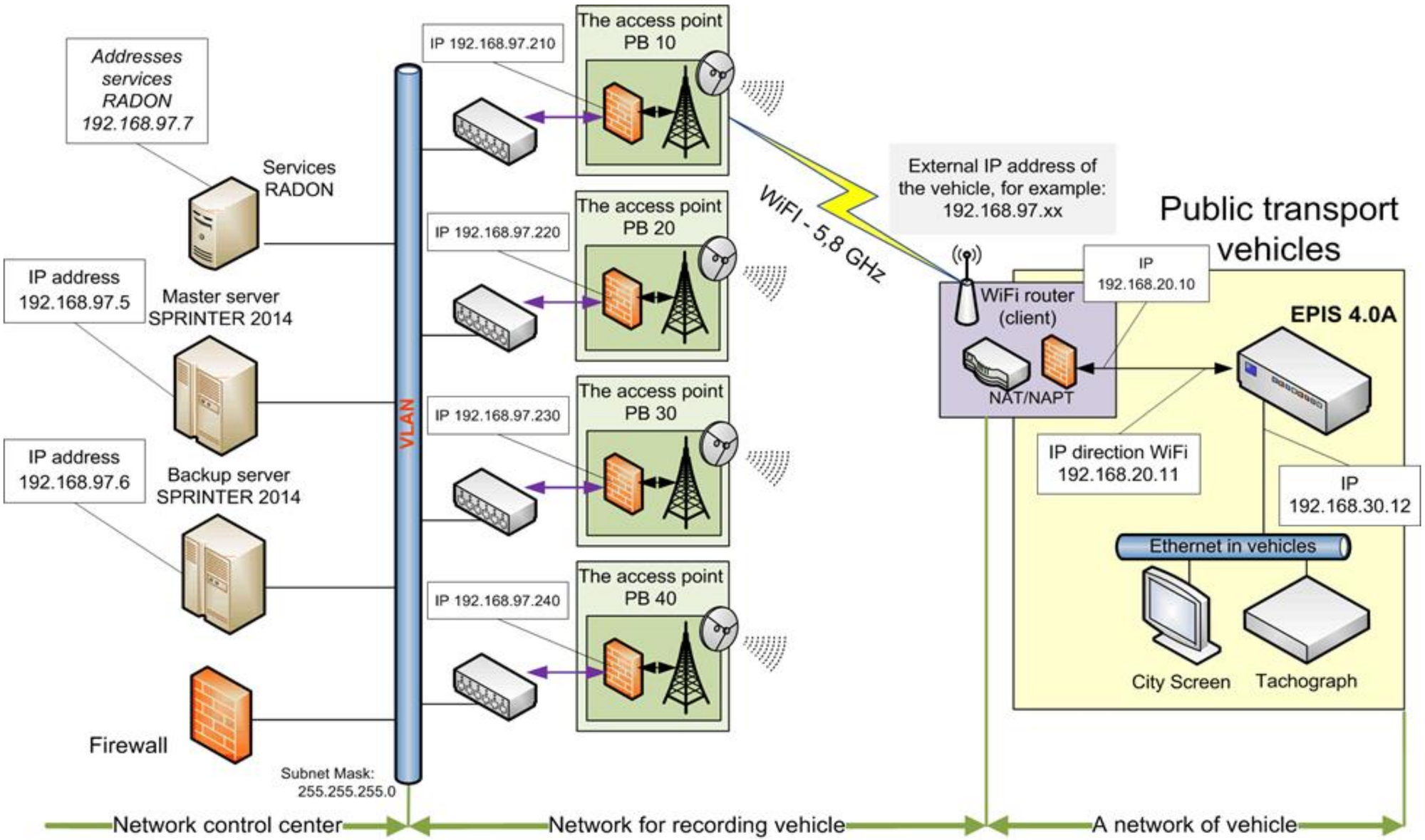
SPRINTER 2014

Sprinter 2014 – software for controlling all system parts (including stops, voice/data communication with vehicles, position monitoring) in one place



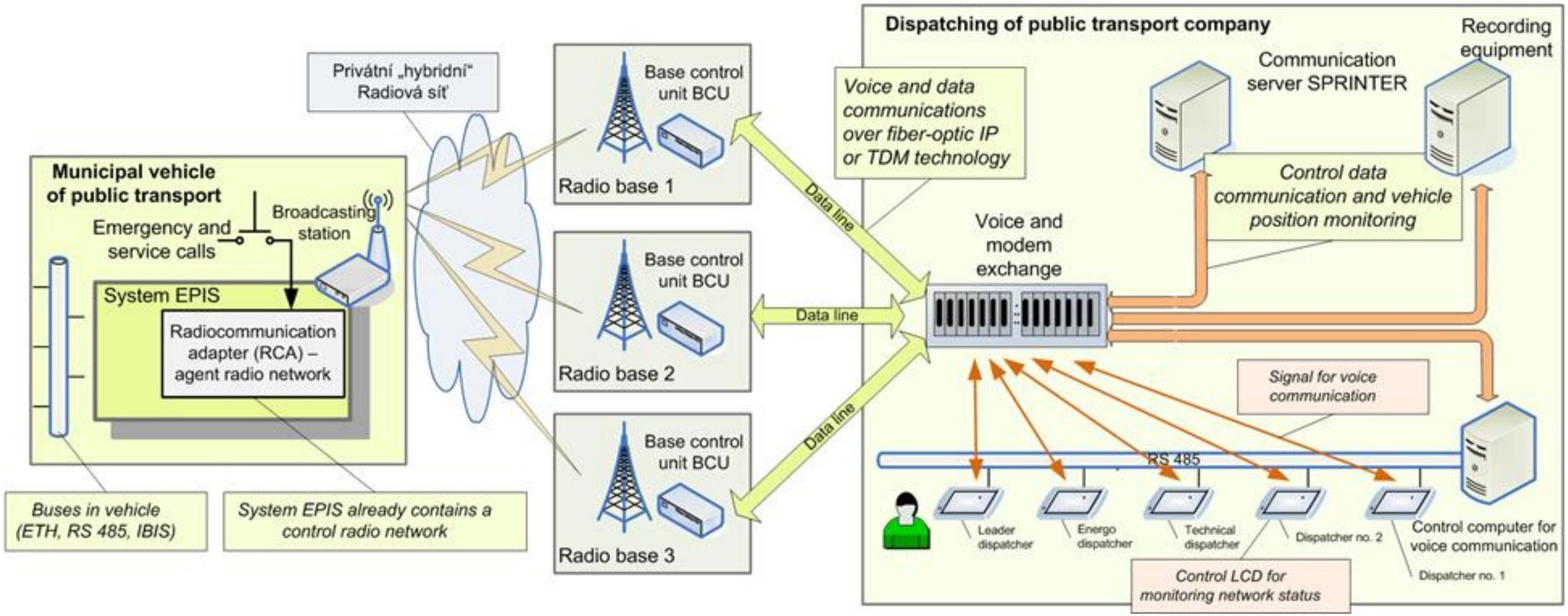
Depot wireless systems

Wireless networks in depots simplify maintenance of vehicle information system data



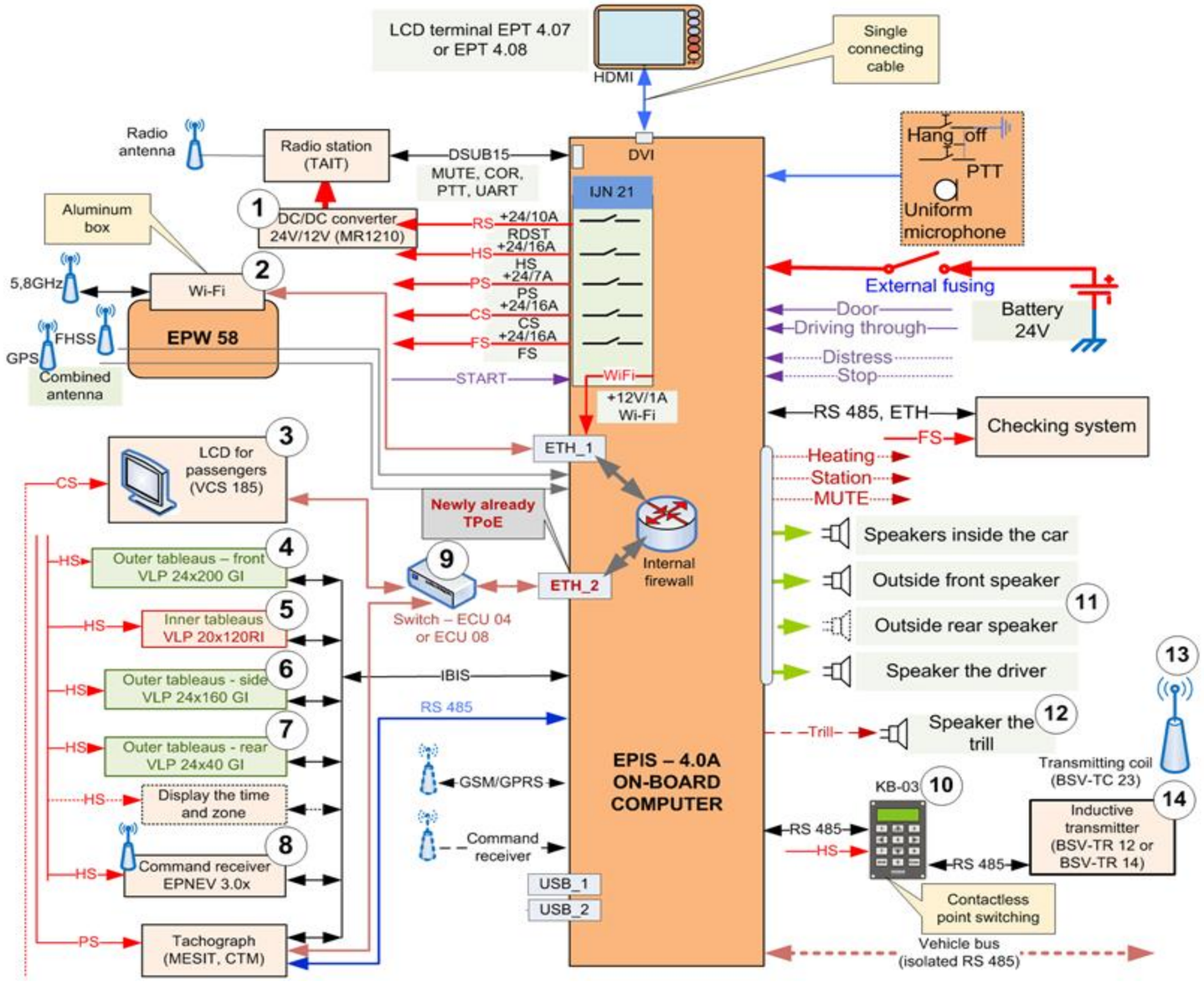
Private radio networks

We project and realize new or adapt your existing radio network for effective voice and data communication between vehicles and dispatchers



Vehicle information systems

We equip your vehicles with new modern information system meets the latest trends



Vehicle information systems

EPIS 4.0A – board computer

- Based on low power PC compatible standard with 8GB COMPACT FLASH and 1GB RAM DDR
- SW triple independent digital announcement
- Terminal with 7” or 8” LCD touch screen display
- IBIS, RS 485, RS 232, Ethernet, CAN, USB interfaces
- Vehicle IP router
- Radio communication adapter
- Sensitive GPS receiver
- Power control



Vehicle information systems

Herman electronics

EPIS 5FC - board computer with the checking ability

- Contactless chip card reader
- Controller for SAM modules (support of MIFARE SAM AV1 and AV2)
- GSM/GPRS/UMTS module
- GPS receiver
- Customer side LCD 4.3” display
- 3” thermo printer with long-life cutter and printing head
- Acoustic exchange with the microphone inputs
- Backup supply



Vehicle information systems

MSP 5.0 – Compact board computer

- Based on ARM processor with at least 1 GHz
- 5” LCD capacitance touch screen with high brightness display
- RS-485, CAN, IBIS, USB and Ethernet interface
- SiRF STAR IV GPS receiver
- GSM/GPRS/UMTS modem (optional)



- WiFi IEEE 80.2.11b/g (optional)
- Two independent 20 W audio announcements
- One independent 5 W announcement to driver’s speaker

Vehicle information systems

Vehicle information displays

- LED displays with excellent visibility
- IBIS, RS-485 or Ethernet communication interface
- Automatic brightness control
- Dynamic font size according to text lenght
- LCD displays with maximum brightness 400 cd/m^2
- LCD displays are suitable for scheduled advertisement according to vehicle position



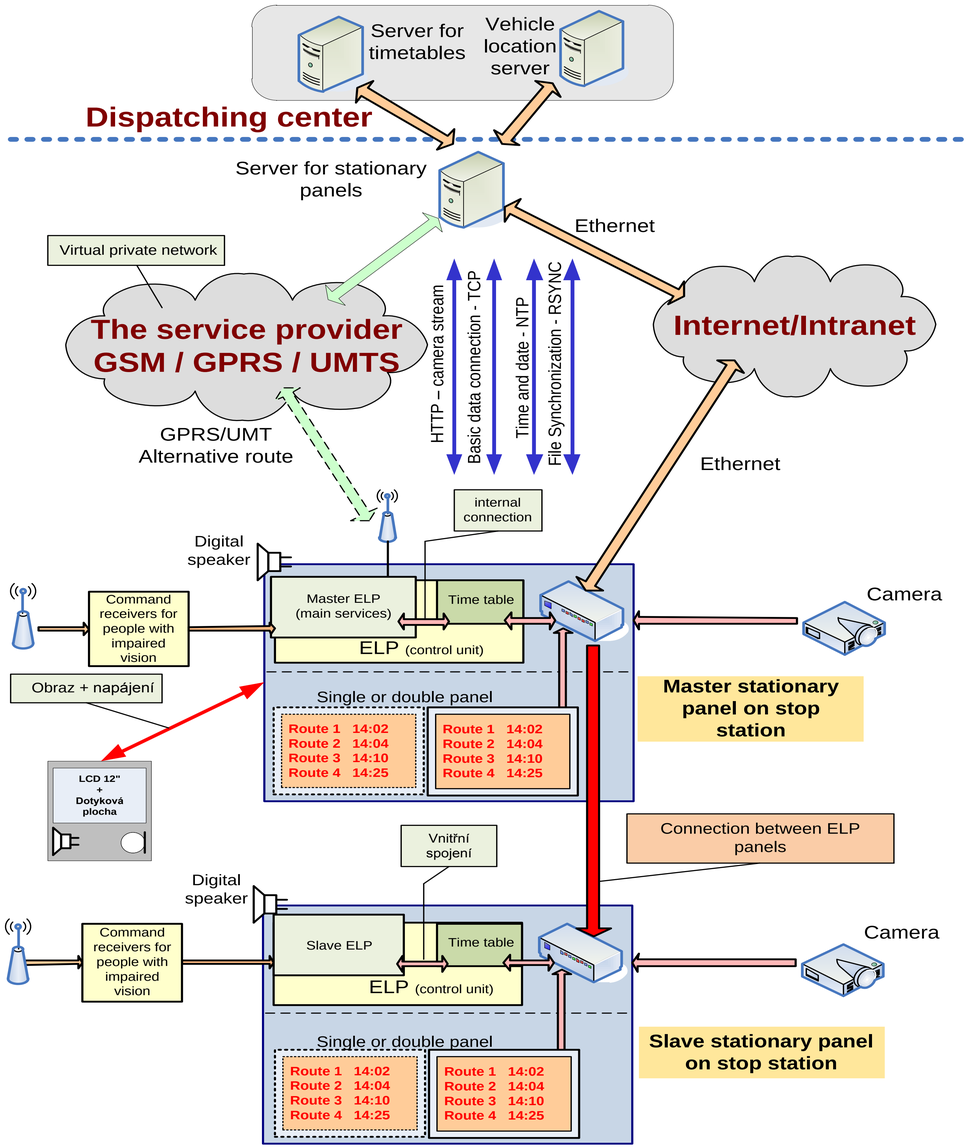




Intelligent stops

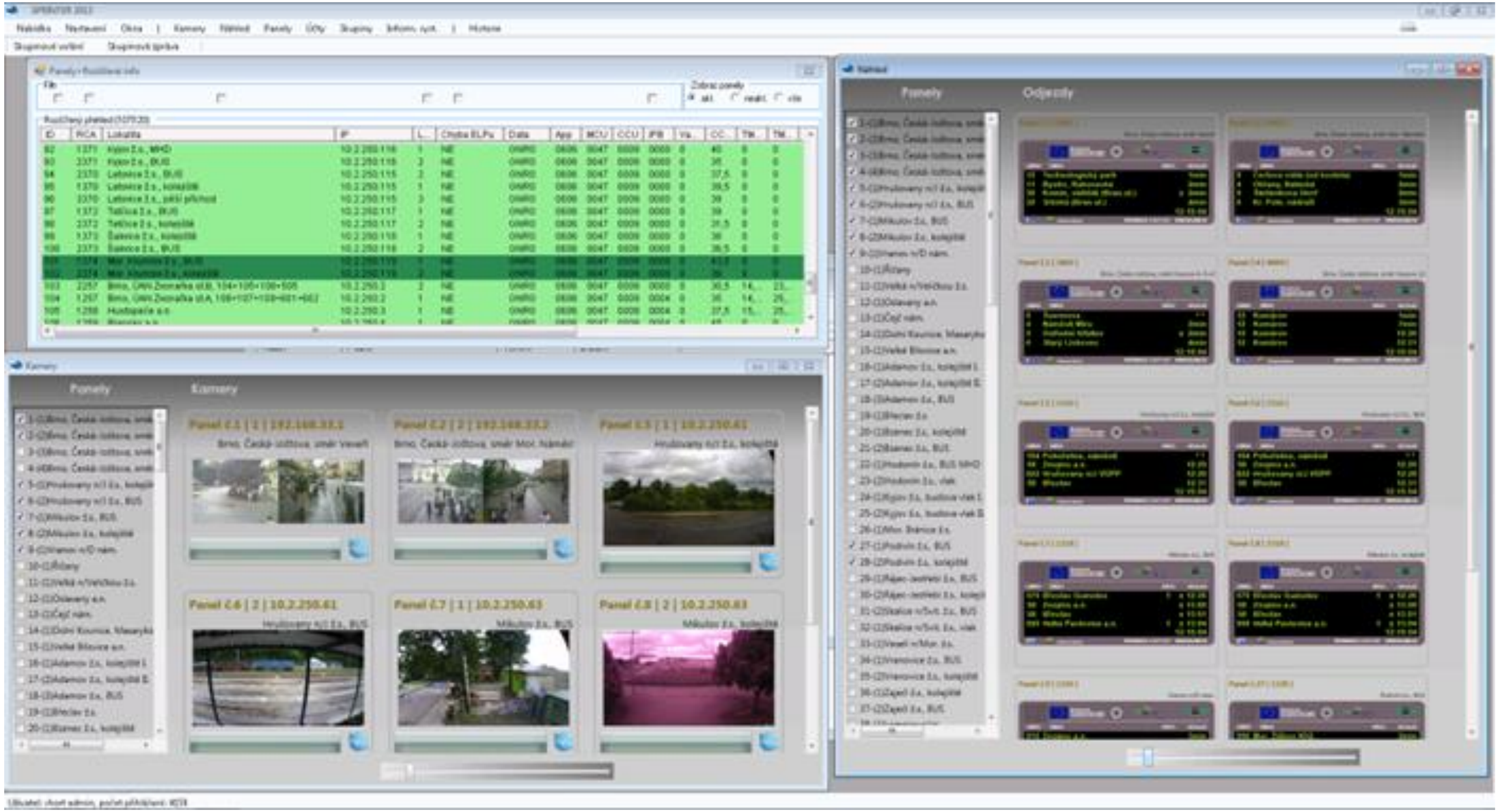
Intelligent municipal transport stops

- **Low input power solution**
- **Data and voice communication with dispatching center**
- **Communication with vehicle information system**
- **Integrated command receiver for the visually impaired people**
- **Integrated camera to check the number of passengers on stops**
- **LCD or LED technology**



Remote control of stops from dispatching software

Intelligent stops



Realized station information displays

Intelligent stops









EPNEV series products

Command receivers for visually impaired people

- Receiving frequency 86,790 MHz (CZ version), 87,100 MHz and 87,050 MHz (SK version)
- Selectivity -40 dB /± 35 kHz, -80 dB / ± 350 kHz
- Sensitivity 0,4 µV
- Dual conversion to narrowband FM modulation
- Various communication interfaces – RS-485, IBIS, Ethernet
- Possibility of external beeps, inputs/outputs for vehicle door control and other option.



You are welcome

For more information visit our pages

www.herman.cz

or contact us via email at

herman@herman.cz