

# AVIONI ECO Drive & Tracking System



## Control Center (Server)



GPRS  
Full Duplex

Full Duplex

3G & HTTP  
Webservice

Full Duplex

- Data Collection
  - FMS / SAE J1939 (Engine – Transmission – EBS)
  - CAN-Bus (from Electronic systems)
  - GPS (geolocation and speed from satellite)
  - All analog and digital sensors
- Smart algorithm (duration, distance & event based)
- Sending data by GSM/GPRS or SMS
- GPRS connection by smart algorithm (saving GPRS data)
- Scheduled data transfer
- Internal data storage in SDcard (tested up to 32GB)
- Full-Duplex communication (Vehicle – Control Center – Vehicle)
- Reporting Features (MS Excel, Web etc)

• Environmental I/O events such as:

- ✓ How many kilometers the driver travels (average and maximum),
- ✓ Total brake quantity,
- ✓ The amount of time passengers have taken while traveling,
- ✓ The total length of the trip,
- ✓ Undesirable situations arising from surrounding vehicles,
- ✓ Environment and weather conditions,
- ✓ Traffic condition
- ✓ Total wait time,
- ✓ Instantaneous fuel intake,

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