



21st Century connects the EBSF bus

Highlights

- Keolis Sweden wanted to adopt the EBSF standard for 120 vehicles
- Standard paves the way for all on-board systems to work on a common platform

Customer requirements

Keolis Sweden wished to adopt the European Bus System for the Future (EBSF) for their 120 new buses.

The EBSF standard dictates that all on-board IT systems should work across a common platform, paving the way for a future of plug and play systems on public service vehicles.

Solution and technology

The solution required that fleet had to be configured with on-board surveillance and safety systems meeting those of the Västtrafik Passenger Transport Authority (PTA).

21st Century, already a preferred supplier for Keolis, met the PTA's requirements, combined data across the on-board systems into one management platform, and insured the new systems were flexible enough to accommodate any future changes.

The project was a close collaboration with PilotFish Networks, a provider of on-board communication platforms used by PTAs and Public Transport Operators to simplify cabling and antennas using inbuilt GSM / GPS capability.

By adopting EBSF protocols, making sure the installation was aligned with the EBSF electrical connections, and sharing of antennas, 21st Century ensured that the on-board video surveillance technology could be integrated into a common communications platform for the transfer of systems diagnostics and video files.

“21st Century technology being our preferred supplier was a logical choice to configure the Gothenburg buses’ on-board systems”

*Karl Orton
Technical Director
Keolis Sverige AB*

