

Increased security is the most important aspect of the integration of proveo's product into GroundStar. With this addition, the system offers complete functionality for equipment management, going far beyond pure vehicle allocation. The system is able to track operational vehicles on the ramp, including the vehicle's location and operating status. Additionally, relevant data on security issues is supplied. With the aid of a chip cards reader, fingerprints and other biometric procedures installed in the ground handling equipment, it is possible to identify the operator without ambiguity.

An example for the use of the proveo system is the implementation at Lufthansa LEOS.

Transport, engineering, maintenance and apron services; these are the areas that Lufthansa LEOS (Lufthansa Engineering and Operational Services GmbH), specialises in. Lufthansa LEOS is a wholly-owned subsidiary of Lufthansa Technik AG with locations at Frankfurt, Hamburg, Munich and Duesseldorf. Having been involved in the airline industry for many years, Lufthansa LEOS has become an expert in GSE matters.

The currently implemented system is being replaced by INFORM's RealTimeControl.

At the same time, a new method of mobile communication will be implemented, which replaces the existing technology with the latest proveo technology.

Lufthansa LEOS wants to offer a variable product with additional services to its customers, which requires a high degree of expansion within the system. In addition, a cost reduction can be realised by replacing the trunked radio with GPRS communication. This makes a cost reduction of 50% or more quite feasible. The complete crew transport facility at Frankfurt Airport operates on the new system. For the first time, the proveo

system will be connected to INFORM's resource planning system, proveo will take over all mobile applications so that no other proprietary solutions are needed. The solution will allow GPS to automatically log the time when the vehicle's final destination has been reached; it will release the driver from unnecessary work and will lead to higher data quality. Visual tracking of the buses in real-time will give the operator precise knowledge as to each vehicle's whereabouts. Finally, as already mentioned, telemetry data for the entire maintenance schedule and accurate user identification for individual GSE can also be accomplished.