

## Integration Of Flight Operations And Technical Services

The aircraft technical log is the primary source for technical and operational data on each flight that occurs on an aircraft. This data includes defects and malfunctions, block times and fuel consumption. It also records all maintenance carried out on an aircraft between scheduled base maintenance visits.



The technical log data is then dispersed throughout the aviation organization thus becoming essential to the continuous operation of the business from accounts to aircraft maintenance.

Prior to the development of Skypaq's technology, technical log data was recorded on a paper based process. Our company has developed a unique regulatory approved electronic method of collecting technical log data.

From this technological innovation, Skypaq has developed a comprehensive software framework which brings substantial cost savings and efficiencies to an aviation organization.

### By delivering integrated maintenance and operational solutions for an airline's fleet, Skypaq provides:

- ☑ Fleet Airworthiness Monitoring
- ☑ Defect Management
- ☑ System Integration

## Finnair deploys “Skypaq Enterprise ©” across fleet

### Background

Finnair look to technology to maintain their competitive advantage by providing improvements in operating efficiencies and significant cost reduction.

**Skypaq Enterprise ©** was selected to achieve these objectives.



### With the Skypaq solution Finnair have achieved;

- ☑ Live feed of aircraft flight hours and cycles to Flight Operations and Technical Services
  - Integration to MRO Systems, Flight Planning, Crew Management and Fuel Indexing
- ☑ Accurately scheduled maintenance planning and an improved coordinated availability of technicians, tool and parts.
- ☑ Minimal cost and managed impact regarding the routing of aircraft with limitations
- ☑ Live feed of CRS data ensuring compliance with regulatory, safety and emissions requirements
- ☑ Direct defect data transfer by the technician direct from the hanger to the aircraft
- ☑ Accurate reporting of aircraft status and complete transparency with regard to parts and warranties
- ☑ Work order data input at the technicians desktop during scheduled line maintenance
- ☑ Multiple aircraft managed from one location
- ☑ Airworthiness directives and service bulletins tracked electronically.