FUTURE-PROOF TABLET BASED
ELECTRONIC FLIGHT BAG SOLUTION

- A wide range of features available at the tip of your fingers
- Flexible, modular and future-proof onboard infrastructure
- Light weight solution at lower operational costs
The modular tablet based Electronic Flight Bag (EFB) concept from Scandinavian Avionics (SA) is a state-of-the-art future proof solution. The system provides the functionality to meet today’s operational requirements of airlines and aircraft operators, and at the same time is simple to upgrade in the future, to meet new requirements and needs.

The flexible infrastructure of the EFB concept means that basically any current and future tablet, easily can be certified for installation in the aircraft. This enables the airline or aircraft operator to upgrade the tablets concurrently with the rapid development of consumer tablets and their functionality, making the SA EFB solution truly future-proof.
The SA EFB solution is a modular, tablet based EFB concept:

**Windows or iOS tablets**
Installed in the cockpit to provide the pilots with all possible required information in the best quality available. Currently SA supply cradles for Panasonic FZ-G1, Surface Pro, Lenovo ThinkPad and iPad. The mount design allows for easy upgrades when new tablets are available – without tools with the QuickLock™ feature - just replace the display cradle and associated cable.

**DIC-600 – Data Integration Center**
The Data Integration Center core functionality provides Aircraft Interface (A429, A717/573) Tablet Power supply, Network Server Capability and a Gigabit Ethernet Switch.

**Control Panel**
The Control Panels provide an avionics grade installation enabling Power supply to EFB devices and wired or wireless communication interface. All Control Panels come with the auxiliary USB 2A Power outlet designated for PED (Personal Electronic Device) charging.

**CDSS – Cockpit Door Surveillance System**
A network based Surveillance Camera System comprising of cameras utilizing a Central Switch Unit. The central switch unit (CSU) provides Ethernet switching capability and power for the camera system and can host up to four Camera heads. Viewing of Cockpit Door and Cabin are performed from the EFB device, either integrated in the EFB software platform or a standalone SA Software.

**ERC-400 – Ethernet Radio Controller**
The Ethernet Radio Controller is a communication unit that enables and controls the data communication between the EFB system and the airline’s ground infrastructure.

The unit is designed with a USB port for attachment of a 3G/4G/LTE/-WiMAX network USB dongle. This enables the airline, at low certification costs, to upgrade network connectivity concurrently with the development of communication technologies simply by switching the USB dongle.
A COMPLETE TURN-KEY SOLUTION

Scandinavian Avionics offer a complete turn-key EFB solution including all equipment, certification, installation, training and other support. At the moment the solution is certified for A320, B737MAX, B737NG, B757, B767, ATP, ATR Q200 and Q400 aircraft and more aircraft types will follow in the near future.

WHAT DO OUR CUSTOMERS SAY?

The Scandinavian Avionics EFB solution gives us the capabilities we require of an EFB system today and the flexibility of updating in the future to a top-notch [display] independent of the EFB architecture...

Ole-Christian Melhus, Deputy Director Flight Operations Norwegian Air Shuttle

The avionics competence and extensive knowledge The SA Group has in the area of EFB has been proven in preceding Boeing 737 projects. We feel very comfortable in the way we will utilize the tablet based Class II EFB. The utilization of new technology is crucial in optimizing our daily processes, both today and in the future as we continue to expand.

Marcin Kubrak, Flight Operations Director Enter Air

The core competence and extensive knowledge Scandinavian Avionics has in the area of EFB has been very important part in our decision making. We feel very comfortable in the way we jointly shaped the implementation path to maximize our re-utilization of installed systems, in combination with the new EFB function. The utilization of new technology is crucial in optimizing our daily processes, both today and in the future as we continue to expand.

Hilmar B. Baldursson, VP Flight Operation Icelandair

Scandinavian Avionics provides complete turn-key avionics solutions for civil and military aircraft, helicopters and UAS. Including sales, avionics maintenance (MRO), certification (STC), design & engineering, installation, product development, production, training and consultancy services.

The SA Group consists of 11 divisions located in Europe, the Middle East, South- and Southeast Asia. The headquarters, which was established in 1978, is located in Billund, Denmark.

Approvals
EASA Part-145 | EASA Part-21J | EASA Part-21G | EASA Part-147 | FAA Part-145
TCCA Part-145 | DOT RIN N083 | + A number of local Maintenance Organization Approvals

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