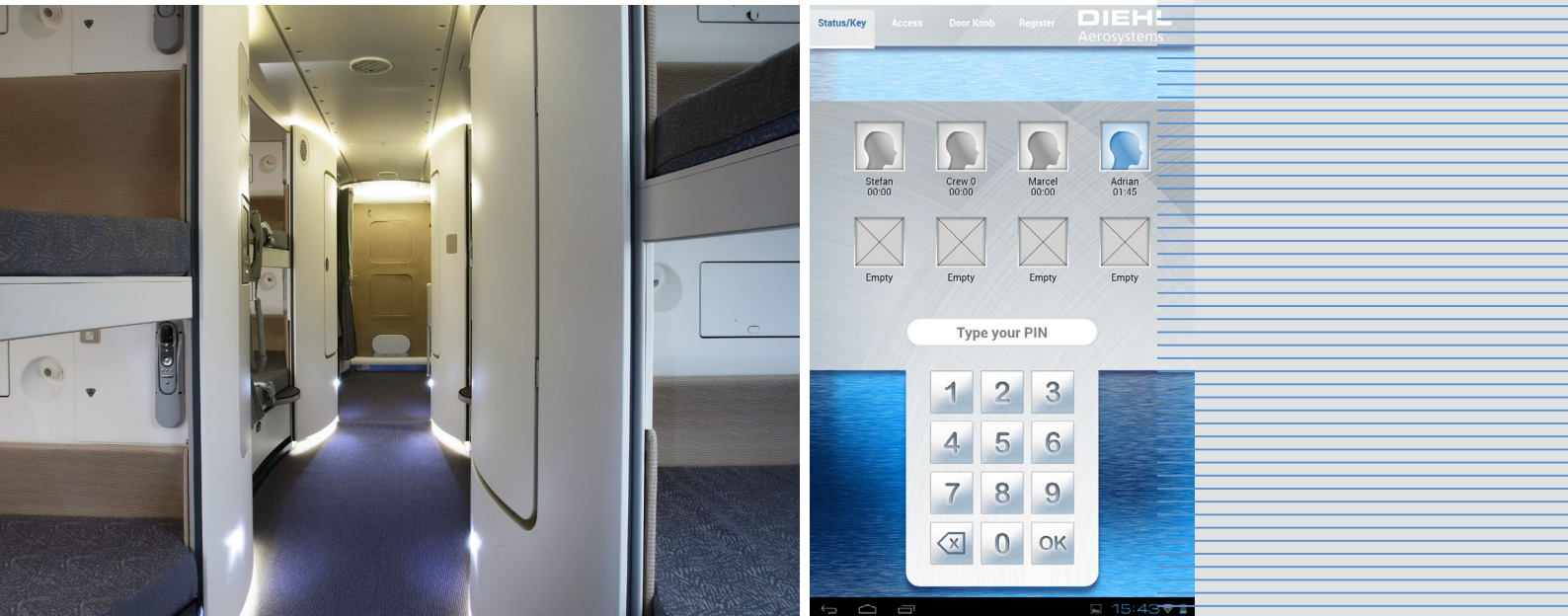


Efficient Authentication System (EAS)

Secure and easy to use access control, private door,
Crew Rest Compartment (CRC)

DIEHL
Aviation

Climbing higher.
Together.



Characteristics

The Efficient Authentication System allows Crew Members to get simplified access to crew restricted areas like for instance the Crew Rest Compartment with an increased level of security compared to established systems.

The new system is a combination of a Door Locking System and a person recognition technology developed by Diehl Aerospace.

One part of the new system is the supervision of the area around the door handle, which allows for example the start of an automatic person recognition to either grant access or to warn about an unauthorized intrusion attempt.

This new system provides a secured and easy to use access to restricted areas on board an aircraft.

Benefits

- Simplified access to restricted areas
- Improve level of security
- Status info of restricted areas

Efficient Authentication System (EAS)

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DIEHL
Aerospace

Diehl Aerospace is a joint Diehl
Thales company.

The Efficient Authentication System allows Crew Members to get simplified access to crew restricted areas like for instance the Crew Rest Compartment with an increased level of security compared to established systems. Identification of a person in front of the secured doors is done via a recognition system extracting the person's biometrical characteristics from a video image and comparing it with a database of persons with the right to access this area. This database is automatically generated with the first access of a crew member to one of the CRCs simply by entering once a temporary pin code.

From that on, this person is able to open the door of the CRC without entering the pin code again. All the person has to do is move his hand to the door handle in order to start the authentication process which then automatically releases the door lock in case the person is identified.

Access right will expire after an airline definable period of time, by deleting the person's data automatically from the database. In order to regain access the initial authentication process needs to be passed again.

The new system offers a seamless integration with today existing Door Locking Systems and does not require additional equipment outside the airplane to collect and manage crew biometrical data.

An optional touchscreen display linked to the cabin management system might even bring further improvements, such as:

- displaying the number of free places in a crew rest compartment
- providing flight status information to crew members returning from their recreation time
- displaying the number of persons in a restricted area

Want to know more about our products and their availability? Please contact us!

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