

Electronically Dimmable Window system (EDW)

Improves the passenger experience with the touch of a button!

Replace your current window blinds by the Element EDW. Fully control and manage the outside elements entering the cabin through the aircraft windows.



Daylight



Control Heat: Windows are the primary source of solar heat entering the cabin when the aircraft is on the ground. The cabin can be uncomfortably warm and passengers suffer. Element EDWs provide the following benefits:

- › Transparent thermal insulation, providing welcome relief by delivering a cooler cabin.
- › When the aircraft is parked, Element EDWs automatically switch darkly tinted, blocking even more heat. No passenger or flight attendant actions are needed for this benefit.

Noise



Control Daylight: Light entering aircraft cabins through windows is a welcome element – but only if it can be managed. Element EDWs provide the solution. Precise control over the amount of light and glare in the cabin. Passengers experience greater comfort by having the optimum level of daylight in the cabin.

- › From clear to darkly opaque and any level in between – in just seconds.
- › Daylight management in many ways: Personal control for passengers; cabin-wide control for flight attendants.
- › Automated control to adjust the incoming light using photosensors.

Heat



Control Noise: Studies by NASA and others have demonstrated that windows are a primary source of noise entering an aircraft cabin from outside. Passengers experience psychological and physiological distress. Element EDWs have innovative transparent acoustic insulation films, providing a quieter cabin during the flight.

Electronically Dimmable Window system (EDW)

Element EDW

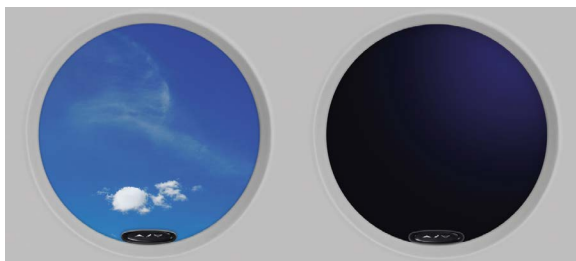
Element EDWs replace your current window shades and touch panes, with a revolutionary Electronically Dimmable Window. Element EDWs, which will block up to 99,96% of all visible light and provide full opacity, are integrated in the window cassette of the sidewall panel.

Control of the EDWs is offered in multiple ways:

- › Passengers can control each EDW individually
- › Flight attendants are given cabin-wide control
- › Photosensors can be integrated into the electronics network, for automated and real-time adjustment to the light intensity coming into the aircraft
- › By connecting the Element EDW to the cabin management system, daylight management can be combined with the artificial cabin lighting systems in a synergistic way.

Proven Technology

The Technology behind the Element EDWs is proven in flight: certified and installed in over 500 aircraft.



Element Cabin Suite

Element EDW is the core product in the Element Cabin product suite. Complimentary products in Element Cabin – new window reveals, new sidewalls and new LED lights – can completely transform the interior of your cabin, providing a contemporary look for an unprecedented passenger experience.

Fokker Services for Quality

Fokker Services will take care of the entire solution, from providing a ready-to-install kit combined with an engineering package that will contain the installation instructions and certification. The STC can be issued for EASA, FAA, or whichever regulatory certification will be necessary.

The installation of the system can also be taken care of by Fokker Services, either by taking the aircraft into our hangars or by providing on-site installation support.

Fokker Services is an independent Aerospace Service provider, supporting a wide range of regional, commercial and military aircrafts. Fokker Services is type certificate holder for the Fokker aircraft, and holds many STC's for all major aircraft types, for products ranging from Cabin enhancements to full cockpit upgrades.

Please contact Fokker Services for enquiries on this product offering.



Fokker Services B.V.

Hoeksteen 40
2132 MS Hoofddorp
The Netherlands
Phone: +31 (0)88 628 00 00

Fokker Services Schiphol

Fokkerweg 300
1438 AN Oude Meer
The Netherlands
Phone: +31 (0)88 628 06 00

Fokker Services Americas

456 Aerotron Parkway
LaGrange, GA 30240
U.S.A.
Phone: +1 706 812 1700

Fokker Services Asia

1800 West Camp Road
Singapore 797521
Singapore
Phone: +65 6481 1080

Contact

For more information contact Fokker Services or visit www.fokkerservices.com
email: info.fokkerservices@fokker.com

Websites

www.fokkerservices.com
www.flyfokker.com
www.myaircraftfleet.com