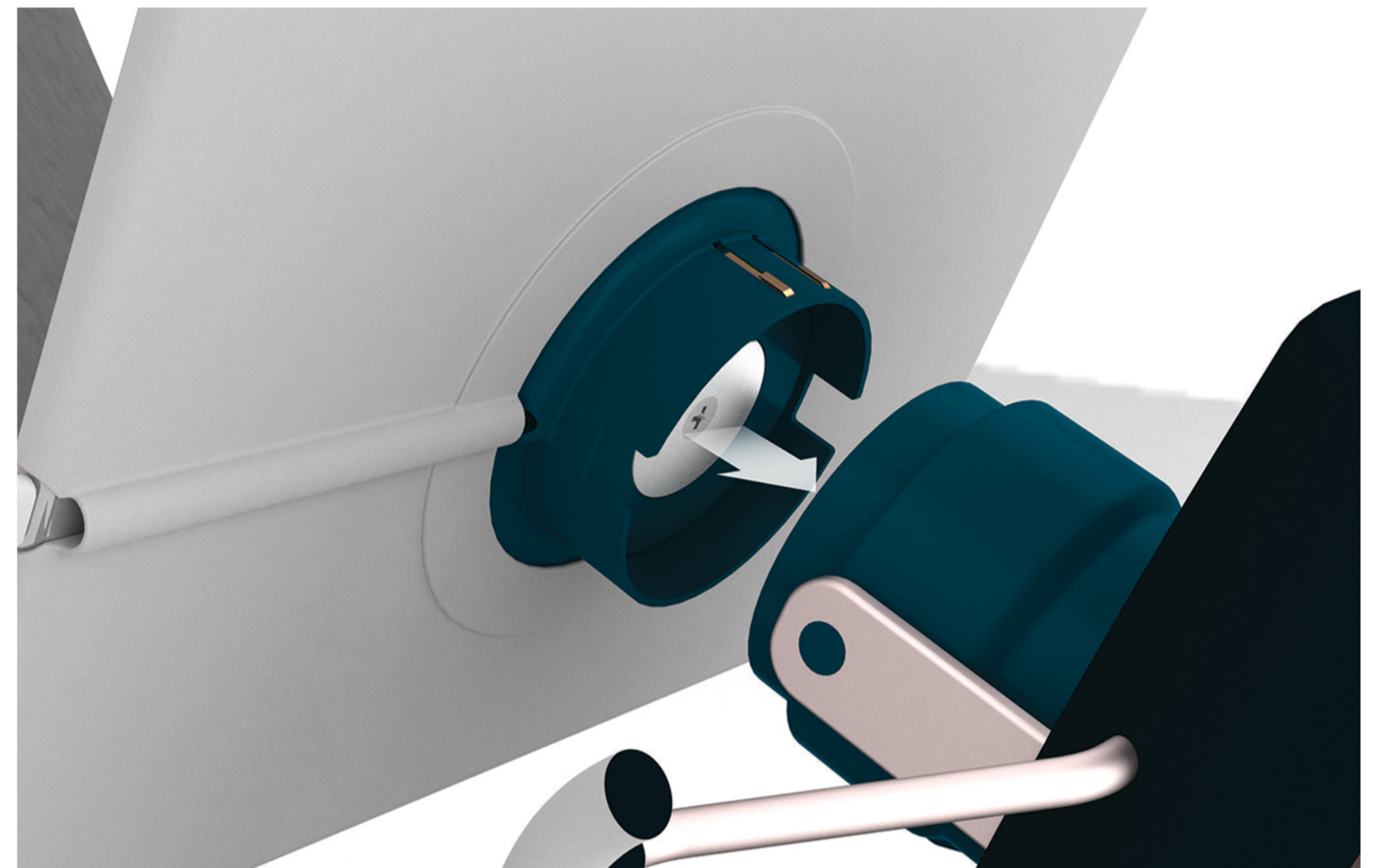




Breach

Towards a comfortable flight for pilots



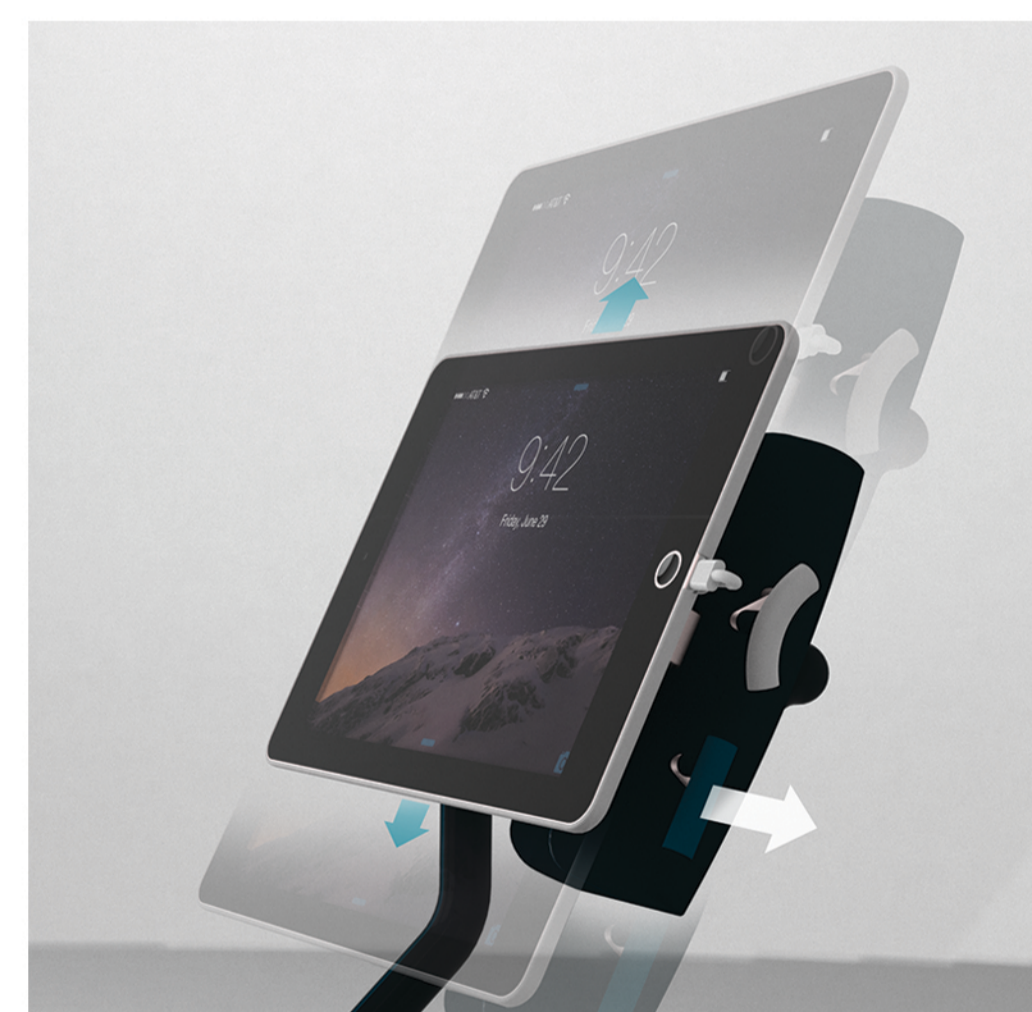
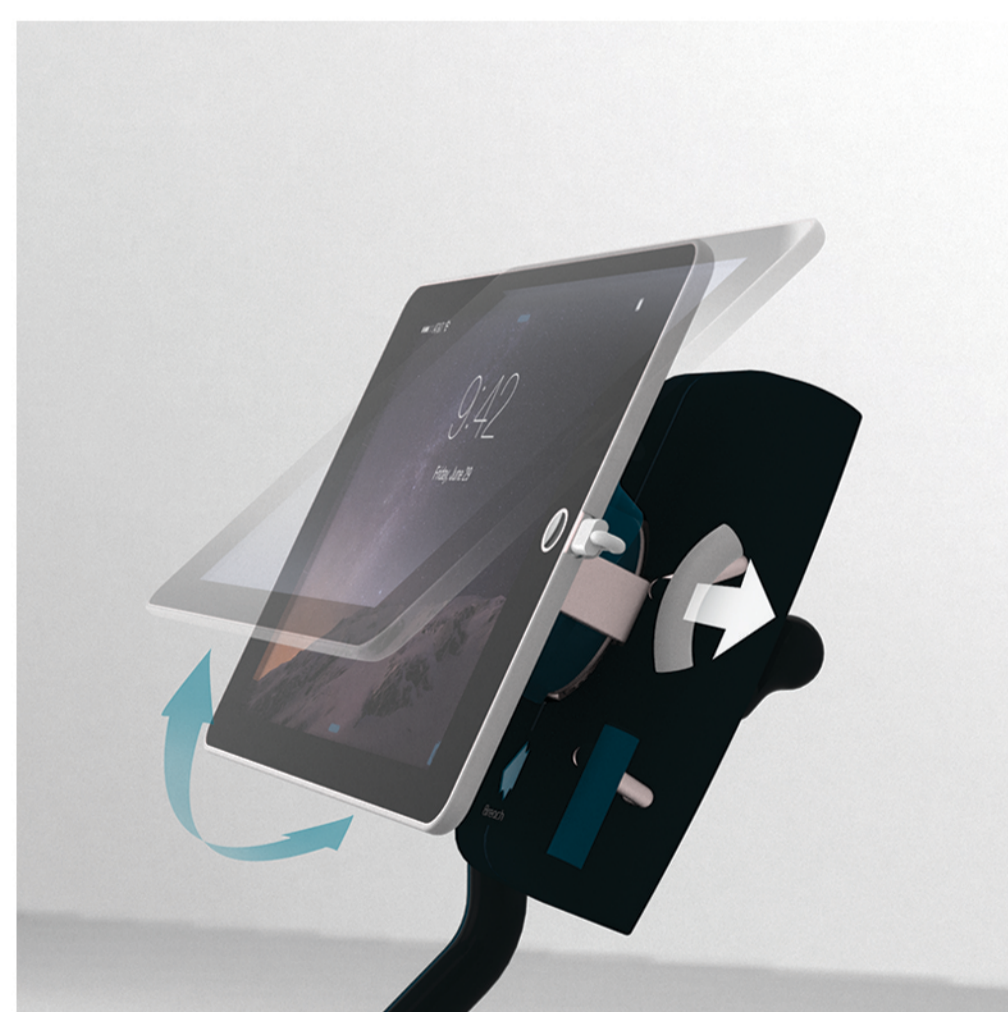
Most airline pilots perceive discomfort during flight. This is mostly caused by bad seat- and cockpit design. Pilots are not supported in their activities during cruise altitude and often have to reach for the controls. Additionally, pilots often use a tablet for doing calculations and filling in checklists.

Breach is a tablet holder which creates the possibility to further integrate the use of tablet onboard cockpits while reducing discomfort among pilots. It benefits the airline as well as the pilot by:

- 1. Creating an ergonomically responsible way of using the tablet**
- 2. Incorporating flight control systems into the tablet so that pilots do not have to reach for controls.**
- 3. Working towards a paperless flight-deck and create the possibility to fully digitalize documentation**



When the tablet is clicked in the holder, it automatically connects with the flight-deck. Allowing the pilots to access preset seat adjustment settings and flying controls such as the autopilot.



The tablet holder provides two positions. A "typing" - and "overview" position. Within each position the pilot can change the orientation of the tablet. The pilot can change the tablet from portrait to landscape mode, tilt the tablet and move the tablet vertically. The systems make sure that it is locked in each position. This prevents the tablet from making unsudden movements