

PRESS RELEASE

Safran's smart trolley solution SOPHY™ takes off onboard the Boeing ecoDemonstrator 777

Frankfurt, 19 November 2019, Safran Cabin announces the launch flight of SOPHY™ onboard the 2019 Boeing ecoDemonstrator 777, as part of Safran's new Smart System Integrator Galley.

SOPHY is a smart trolley solution to control and optimize catering operations. This device collects, shares, and communicates real-time, accurate data with other SOPHY-activated equipment through a "mesh network", unlocking valuable insights for airline operators. This enables operators to save on catering costs by preventing and minimizing inefficiencies due to mishandling, misplacement, or misinformation.

On the 2019 Boeing ecoDemonstrator 777, SOPHY detects multiple on-board processes such as catering handovers, cabin service durations, and the trolley's location in the aisle and galley.



Smart System Integrator Galley

SOPHY is part of the Smart System Integrator Galley that was developed by Safran Cabin for the ecoDemonstrator program. The galley is equipped with an array of sensors and features, including:


- Access Point for communication to Boeing and iCabin network
- Connected electrical oven
- Connected E-Locks
- Connected E-Panel
- Integrated and connected sensors for monitoring noise, temperatures and humidity

Benefits of the Smart System Integrator Galley include real-time updates regarding non-value added tasks for cabin crew during turn-around time; efficient control and health monitoring of galley systems; Improved monitoring, automation, and quality increase of galley and catering processes. Thanks to Safran's integrated Access Point, the galley allows for seamless communication between the intelligent cabin and the Boeing network.

Andreas Schulte, Vice President Engineering of Safran Cabin Germany, expresses his recognition for the trust and constructive cooperation between Boeing, ETIHAD Airways and other partners that collaborated on the eco-Demonstrator under a German government support program.

The ecoDemonstrator is a flight test research program that assesses innovations and new technologies that can enhance safety and solve real-world challenges for airlines, passengers and the environment. Flight tests are being conducted during the last quarter of 2019. The ecoDemonstrator's technology is being presented to government officials and industry representatives and STEM students at a two-day event on November 19-20 at Frankfurt Airport to educate aviation stakeholders and help inspire the future of aerospace leadership.

Safran Cabin will present the Smart System Integrator Galley, including SOPHY smart trolley solution, during the Boeing eco Demonstrator event at Frankfurt Airport.



Safran is an international high-technology group, operating in the aircraft propulsion and equipment, space and defense markets. Safran has a global presence, with more than 95,000 employees and sales of 21 billion euros in 2018. Safran is listed on the Euronext Paris stock exchange, and is part of the CAC 40 and Euro Stoxx 50 indices.

Safran Cabin provides all elements of a seamlessly integrated Cabin Interior. From the overhead bins, lavatories and galleys to crew rests and cargo containers, either as independent world class products or as a fully integrated cabin.

For more information: www.safran-group.com / Follow @Safran and @safran_cabin on Twitter 

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