PROJECT

ASCENT

Active Simulator Cockpit Enhancement

Funding: European (Horizon 2020)

Duration: Jun 2017 - May 2019

Status: Complete

Total project cost: €2,022,630

EU contribution: €1,475,430

Call for proposal: H2020-CS2-CFP04-2016-02

CORDIS RCN : 210624

Objectives:

The main objective of the ASCENT project is to implement the concepts and define other novel functions up to a functional demonstration (pilot in the loop simulation when relevant), in order to validate the functional requirements.

The enhance ASCENT shall serve as a pioneering platform environment for testing possible future technologies that the aeronautical industry is now demanding. It will introduce innovative concepts and ideas that might change (or at least modify) the operation of the simulators and pilot/crew training procedures existing nowadays.

Parent Programmes:

H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport

Institute type: Public institution

Institute name: European Commission

Funding type: Public (EU)

Lead Organisation:

Servicios De Tecnologia Ingenieria E Informatica Sl

Address:
RITA LEVI MONTALCINI 14
28906 GETAFE MADRID
Spain

Organisation Website:
http://www.sertec.net

EU Contribution: €975,800

Partner Organisations:

Paragon Anonymh Etaireia Meleton Erevnas Kai Emporiou Proigmenhs Texnologias

Address:
Protopapadaki Str
11147 Galatsi
Greece

Organisation Website:
http://www.paragon.gr

EU Contribution: €301,000

The Nottingham Trent University

Address:
Burton Street
Nottingham
NG1 4BU
United Kingdom

EU Contribution: €198,630

Technologies:

Cabin and cockpit design
Cockpit-based technologies for improved pilot workflow

Development phase: Implementation

STRIA Roadmaps: Cooperative, connected and automated transport

Transport mode: Air transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Other specified

Geo-spatial type: Other