## "DIGITAL TRANSFORMATION IN AEROSPACE AND DEFENCE"

BY
DR. PETER WECKESSER
AIRBUS DEFENCE AND SPACE

### ABSTRACT

The world-wide trend towards smart and digital solutions and products is moving ahead in all the various domains of our lives. As such, it is also impacting the aerospace industry with huge potential benefits for operations and in-service support. At Airbus Defence and Space, apart from managing our own digital transformation as a company, we are putting a tremendous amount of effort into the digital transformation of our products and services to help our customers benefit from these exciting developments. Based on our strong heritage in the defence business, we can offer tailor-made smart products and solutions to answer the specific requirements of our military customers. In addition, we can also draw from the broad experience of the whole Airbus Group to transfer smart developments from the civil to the military domain. The presentation will give an insight into the latest developments of smart products at Airbus Defence and Space, addressing aspects such as big data, augmented and virtual reality, as well as smart maintenance. In addition, it will also touch on Airbus Defence and Space's experience in working with our customers on jointly making the digital transformation come true while still respecting the very specific requirements they naturally have.

### BIOGRAPHY OF SPEAKER

Since March 2017, Peter Weckesser serves as Airbus Defence and Space´s Digital Transformation Officer. He joined Airbus from Siemens, where he has been the Chief Operating Officer of Product Lifecycle Management, leading the Siemens IoT and Digital Enterprise business and activities. Prior to this, he held various executive-level positions at Siemens, being CEO of Industry Services, CEO of Value Service Business Unit, as well as Vice-President of "Human Machine Interface". His experience in Siemens spans around 20 years.

Peter Weckesser holds a degree in Physics and a PhD degree in Computer Science, both from the University of Karlsruhe (Germany), although he also spent a year studying at the Armstrong State University in the USA as part of his education in Informatics. Born on 13 June 1968, Peter Weckesser is married with two children.