

Technical Expertise Ottobrunn: AIRBUS Defence and Space

INTRODUCTION

Airbus Defence and Space is one of the three Divisions of the Airbus Group and Europe’s Number 1 defence and space company. It is the world’s second largest space company and one of the top 10 defence companies globally with revenues of around €14 billion per year and approx. 40.000 employees. The Chief Executive Officer of Airbus Defence and Space is Bernhard Gerwert. Airbus Defence and Space puts a strong focus on core businesses: Space, Military Aircraft, Missiles and related systems and services.

Electronics, headed by Thomas Müller, provides high-performance equipment for system integrators that serve both Airbus Defence and Space within the Airbus Group and external customers worldwide. Products are mainly for the civil, defence and security markets and cover ground, maritime, airborne and space applications. Key products include radars and IFF systems, electronic warfare devices, avionics, space platform electronics, space payload electronics as well as optronic sensors.

The aerospace hub of Ottobrunn and its newly constructed Ludwig Bölkow Campus offer an ideal setting for new companies to grow in collaboration with research and development.

OVERVIEW

Core Competencies of AIRBUS Defence and Space

Competencies
- Military Aircraft
- Communication, Intelligence and Security
- Space Systems
- Electronics

AIRBUS Defence and Space Electronics support in the product generation process

Steps to realization
- Research & Development
- Specification
- Design
- Prototyping, Verification, Simulation and Test
- Product development and Qualification
- In-orbit Test

AIRBUS Defence and Space Electronics general offering for ESA BIC entrepreneurs in Ottobrunn

Technical Domains	mark core fields of interest
Platform Electronics – GNSS Receivers	
<ul style="list-style-type: none"> - Algorithms - Design - Prototyping - Simulation & Test - Manufacturing 	
Platform Electronics – Timing Subsystems	
<ul style="list-style-type: none"> - Atomic Clock Electronics and Clock Monitoring Systems - Algorithms - Design - Validation - Manufacturing 	
Platform Electronics – FPGA and ASIC Design	
<ul style="list-style-type: none"> - Algorithms - Implementation & Test 	
Platform Electronics – On-board Computer and Mass Memory	
<ul style="list-style-type: none"> - Algorithms - Design - Manufacturing 	
Solar Array Center	
<ul style="list-style-type: none"> - Solar Arrays for Telecom, Navigation, Earth Observation and Science Missions - Design - Qualification - Production 	
Electronics Manufacturing	
<ul style="list-style-type: none"> - Manufacturing of space equipment 	

Table 4: AIRBUS Defence and Space Electronics Technical Expertise in Ottobrunn