

Senior Consultant – Airside Planning

About amd.sigma

amd.sigma strategic airport development GmbH (amd.sigma) is a wholly owned subsidiary of Munich Airport International GmbH (MAI) and part of the Munich Airport Group.

From our office in Berlin, a multicultural team of approximately 25 professionals brings together deep expertise in long-term airport development and infrastructure planning. With more than 30 years of experience and a proven track record of over 120 airport projects across 35+ countries, amd.sigma supports public and private airport clients in crafting sustainable, flexible, operationally excellent and future-oriented development strategies.

To strengthen our team, we are currently seeking a **Senior Consultant – Airside Planning** to join us at the earliest possible date.

The Role – Senior Manager - Strategic Airport Planning

You will contribute with your airside expertise to national and international airport master planning projects placing a strong focus on safety, user needs, operational performance, and innovative solutions that add tangible client value.

Key Responsibilities

- Lead airside design projects and contribute to airside workstreams within airport master planning initiatives
- Perform demand and capacity analyses for airside infrastructure, defining operational and spatial requirements
- Translate planning objectives into practical airfield designs and optimized layout solutions
- Prepare, review, and update Airport Master Plans and Airport Layout Plans (ALPs) in line with regulatory and operational standards
- Utilize simulation, modeling, and analytical tools to identify capacity constraints and enhance airside performance (optional)
- Collaborate effectively with clients, multidisciplinary internal teams, and external stakeholders throughout project lifecycles
- Support and initiate business development activities, contributing to proposals and client engagement in airport planning projects

Your Profile

- Airport Airside Planner with 5+ years of experience in airport planning and airside infrastructure development
- Educational background in Aeronautics, Aviation Planning, Civil Engineering, or a related field
- Strong analytical mindset with advanced conceptual design and problem-solving capabilities

- Proven experience in airside master planning
- Proficient in AutoCAD for detailed airfield design and layout development
- Experienced in simulation and modeling tools such as CAST, AirTOP, and SIMMOD for operational analysis (optional)
- Ability to conduct demand and capacity assessments and define infrastructure requirements
- Skilled in identifying operational bottlenecks and developing data-driven optimization strategies
- Solid understanding of ICAO, EASA, and national aviation regulations and compliance requirements
- Experience in runway, taxiway, apron, and stand planning and design
- Strong coordination skills with the ability to manage interfaces between airside, landside, and terminal planning
- Proven ability to engage stakeholders, facilitate workshops, and manage client relationships
- Experience in project management, including planning, scheduling, and delivery oversight
- Effective communicator with strong presentation and report-writing skills
- Fluent in German and English

What We Offer

- A dynamic, international, and collaborative working environment in Berlin
- Strategic involvement in complex, high-impact airport projects worldwide
- Personalized opportunities for professional growth and long-term career development
- A supportive, entrepreneurial culture that values ownership, initiative, and innovation