

## EADS Cassidian Manching – construction of Building 321, a new maintenance hangar

### Project:

A jet hangar equipped for the simultaneous maintenance and refitting of 20 aircraft was built at the Manching site.

The hangar is 238m long and 78m wide.

Facilities had to be provided for all aircraft systems. The hangar also had to be equipped and secured as a military exclusion zone.

Annexes were built adjacent to the hangar, including areas for workshops, offices, social and sanitary facilities, logistics and storage.



**New maintenance hangar**



**Construction of the roof structure**

### Services provided by sfirion AG:

sfirion AG was commissioned as part of the project to provide project management services in the 4-8 HOAI (Fee Structure for Architects and Engineers) work phases. The main tasks fell within the following areas of action:

- Organization, information, coordination and documentation
- Qualities and quantities
- Costs and financing
- Deadlines, capacities and logistics
- Contracts and insurance
- Interface management
- Change management
- Risk management

The following activities, among others, formed part of the sfirion AG range of services:

- Preparation and management of the meetings system, securing committee decisions
- Verification and evaluation of all contractual deviations
- Full cost and schedule monitoring (award of individual trades) with regular reporting to top management
- Data preparation for purchasing on account (SAP), cash outflow, budget control, change order management
- Auditable evidence supporting the use of funds
- Crisis management in the event of missing construction approvals



**Interior view of the hangar**

### Client

EADS Deutschland GmbH

### Contracting authority

EADS Deutschland GmbH

### Reference person

Mr. Jürgen Rett – Head of Facility Management

### Implementation time

2012/05 – 2014/02

### Construction cost

approximately EUR 35 million

### Contract value

EUR 150,000

### Services provided by sfirion AG

Project management, areas of activity:

- Organization, information, coordination and documentation
- Qualities and quantities,
- Costs and financing,
- Deadlines, capacities and logistics
- Contracts and insurance

The ongoing assessment of opportunities and risks and the impact of these on the total project cost were also included.

### Work phases

LPh 4-8