

## The Lufthansa Systems data center

### Data center - basic facts

- The Lufthansa Systems data center in Kelsterbach is one of the largest and most modern of its kind in Europe.
- High availability: 24/7/365
- 24 uninterruptible power supply (UPS) units and 6 diesel power generators guarantee that operations continue without disturbance in case of a power failure.
- 6,500 m<sup>2</sup> of space occupied by computers in four building units in the Kelsterbach data center. The four units are independent of each other in terms of fire safety and power supply.

### Data center - special features

- Centralized and comprehensive storage and back-up management for all system platforms and customer environments. Technology: Storage area network (SAN)
- High data security ensured by a sophisticated "house in house" security concept: The four computer sectors form two sector pairs; the two sectors of each pair are connected with each other based on the back-up principle ("four data centers in one").
- Data is protected by special data safes.

### Platforms and applications used

- IBM hosts with a computing power of 7,500 MIPS in a variety of computer environments primarily for business applications
- Unisys hosts with a computing power of 3,000 MIPS on 14 partitions for reservation and departure control applications
- 900 (UNIX- or Windows-based) server systems in a client/server environment for SAP R/3, CRM, flight operations, revenue management and for other distributed applications in a wide variety of customer environments

## Competencies

- SAP R/3 systems that are operated on different system platforms for customers in the airline and aviation market and from other industries
- SAP R/3 competence center, database management (e.g. Oracle, DB2) and middleware (e.g. BEA, Tuxedo, WebLogic, Orbix)
- Comprehensive portfolio of services: from designing individual systems and application landscapes to carrying out complete outsourcing projects
- Implementing IT projects with a focus on providing optimum support for the business processes of our customers and on strengthening their competitiveness through IT solutions
- Successful transfer of the technological leadership in the airline and aviation industry to other industry sectors

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