



To SAI Subcommittee **Date** April 20, 2015

From P. J. Prisaznuk
pjp@sae-itc.org
tel: 1-443-254-0528 **Reference** 15-999/SMA-887 lth

Subject **Meeting Announcement**
Systems Architecture and Interfaces (SAI) Subcommittee

Chairmen **Bob Semar, United Airlines**
Reinhard Andreae, Lufthansa

Host **Lufthansa German Airlines**

When **June 16-18, 2015**
June 16-17, from 0900 to 1700 (Tuesday, Wednesday)
June 18 from 0900 to 1200 (Thursday)

Where Meeting Location
Lufthansa Airport Conference Center
Frankfurt Airport Center 1 (FAC1) – Opposite Passenger Terminal 1
Level 2 – Permanenta – Schweden Conference Room
Frankfurt, Germany
Point of Contact
Reinhard Andreae
Email: reinhard.andreae@dlh.de
+49 (0) 69 696 9 46 43 (o)
+49 (0) 1515 8938 747 (c)
www.lufthansa.com

Hotels There are many hotels near the Frankfurt Airport to meet your budget and comfort needs. A list is attached to this meeting announcement.

Instructions Please notify the ARINC Industry Activities staff of your intention to attend by registering online at: <http://www.aviation-ia.com/events/>
The meeting is open to all interested parties. Individuals requesting time on the agenda should contact Paul Prisaznuk. The agenda will be finalized one week prior to the meeting.

Meeting Objectives

SAI Meeting in Frankfurt

The Systems Architecture and Interfaces (SAI) Subcommittee will prepare system-level guidance for equipment and services expected to be used in NextGen and SESAR airspace environments.

NextGen/SESAR Equipment and Architectures

The SAI Subcommittee will continue its discussion of NextGen and SESAR programs and the expected impact on Communication, Navigation, and Surveillance (CNS) equipment.

ARINC Report 660B: *CNS/ATM Avionics Architectures Supporting NextGen/SESAR Concepts* refers to several ARINC Standards that may be impacted by emerging airspace requirements. The future work program will be discussed.

ARINC Characteristic 702A: *Advanced Flight Management Computer System* supports 4D Trajectory Based Operations. Application software functional definitions include those functions required for trajectory based operations, data link communication, and airport surface guidance. The SAI Subcommittee will consider proposals from GE Aviation and others to update ARINC 702A.

Safety Services using Internet Protocols

The SAI Subcommittee will discuss data communication protocols and determine the impact on existing avionics equipment. A new Safety Services over Internet Protocols (IP) activity is being proposed for the purpose of defining an IP profile and services that rely on data communications. This may include, VHF, Satcom, Gatelink, and others.

There are considerable differences in the understanding of avionics impacts and the potential implementation dates. The SAI Subcommittee will discuss the issues and the implications.

AeroMACS Avionics System Architectures

AeroMACS (Airport Mobile Access Communication System) is intended to support the future airport surface communications. Step 1 is to develop the desired airborne architecture that will meet airline needs. Step 2 is to define the desired features of AeroMACS equipment in an ARINC Standard.

Honeywell is leading a drafting effort to prepare an AeroMACS radio strawman document. The SAI Subcommittee will provide guidance in this area.

Second Generation ELTs

RTCA SC-229, responsible for Emergency Locator Transmitters (ELTs), is updating RTCA DO-204 to address the latest design, performance, installation, and operational issues for 406 MHz ELTs. Cospas-Sarsat, an international satellite system for search and rescue, is upgrading its ELT detection capability by placing search and rescue transponders on new GNSS satellites. This will provide accurate positioning data to first responders. A presentation will be provided. The SAI Subcommittee will discuss the benefits of developing an ARINC Standard for ELT equipment that may be installed on aircraft.

Proposals to Initiate/Modify ARINC Standards

In preparation for the AEEC Mid-Term Session to be held September 23-24, 2015 in Seattle, the SAI Subcommittee will review several APIMs that may lead to new industry activities. Proponents of a new standard are expected to present their APIMs in person in Frankfurt.

Standards Development and Subcommittee Reports

The SAI Subcommittee will review any standards development activities of interest to assure they are achieving the objective of the airline engineering and maintenance communities.

Travel Information

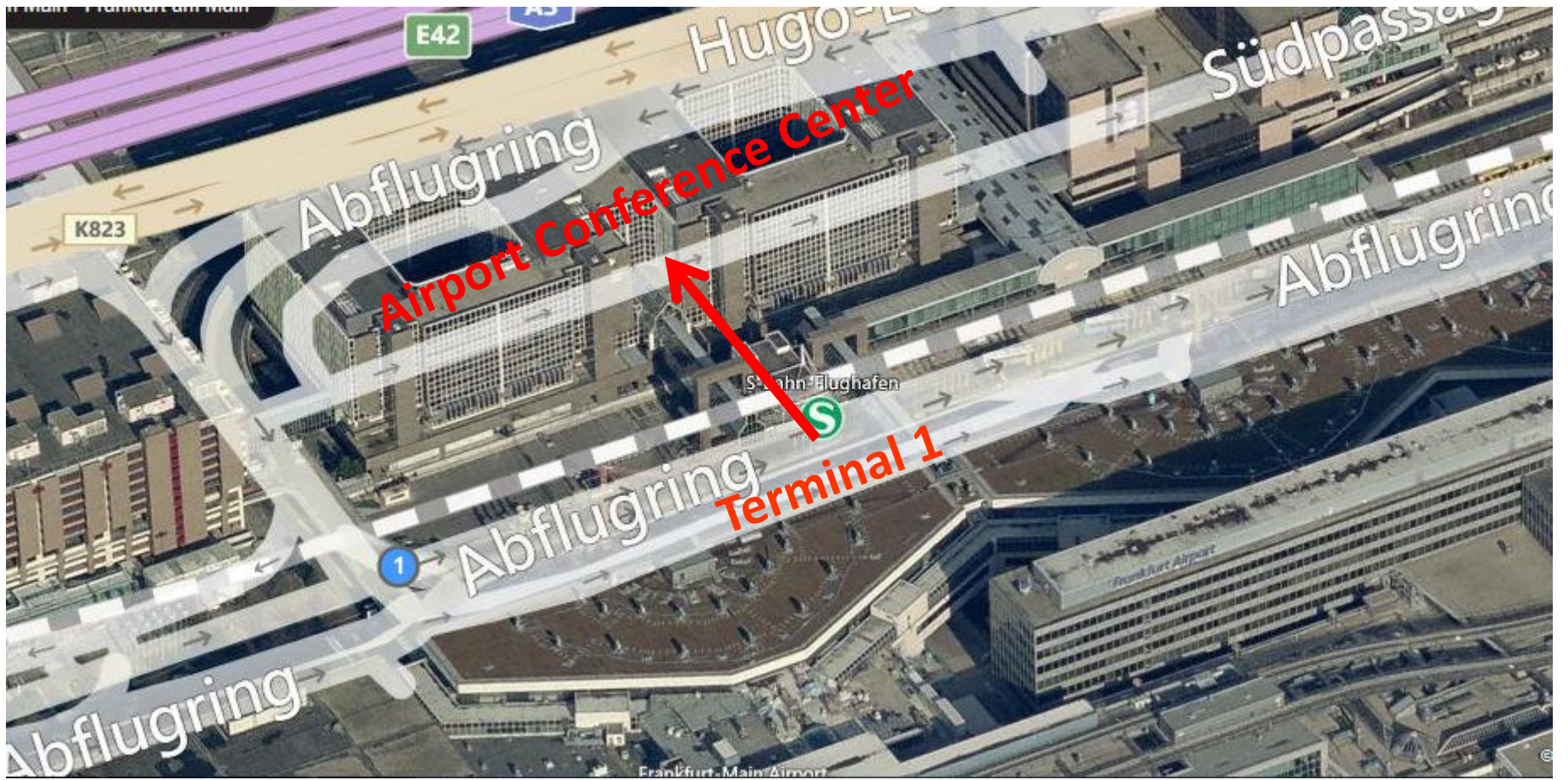
The Lufthansa Conference Center is located at the Frankfurt Airport Center 1 (FAC1) – Opposite Passenger Terminal 1. Directions to the Sweden conference room are provided for you in Attachments 1 and 2. A list of hotels near the Frankfurt airport is also provided in Attachment 3.

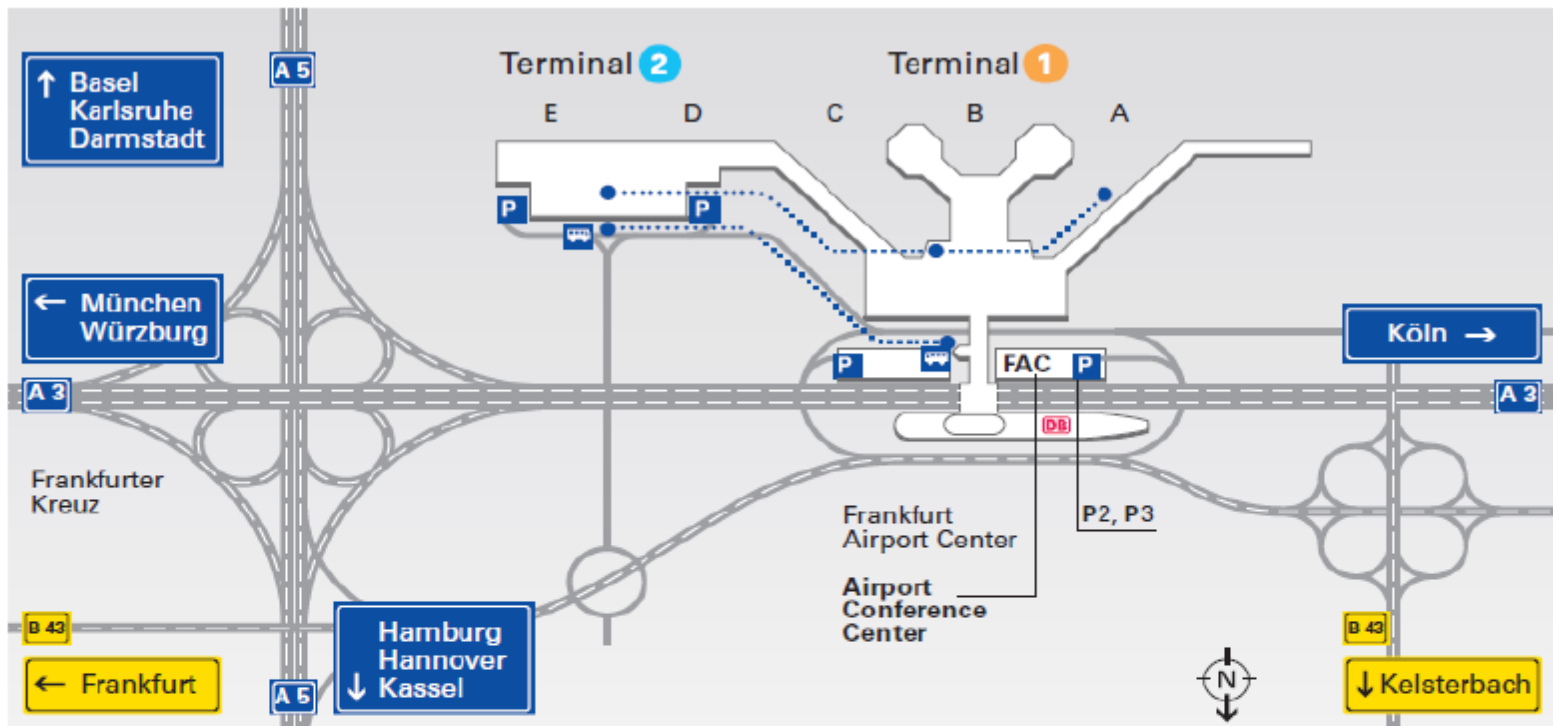
Attachment 1



Meeting AEEC in Frankfurt from 16.-18.06.2015

**Location Lufthansa Airport Conference Center opposite Terminal 1
(passenger terminal) and Hotels around the Frankfurt Airport**





Mit dem Flugzeug

Das Airport Conference Center befindet sich im Frankfurt Airport Center 1 (FAC 1), nur wenige Schritte von den Flugsteigen entfernt. Den Fußgängerübergang vom Terminal 1 zum FAC 1 erreichen Sie über die beiden Rolltreppen in den Abflughallen A und B.

By plane

The Airport Conference Center is located in the Frankfurt Airport Center 1 (FAC 1), only a few steps away from the passenger terminal. To reach the enclosed pedestrian bridge connecting the terminal with the FAC 1, use one of the two escalators in departures halls A and B.

Mit dem Auto/Parkmöglichkeiten

Das öffentliche Parkhaus des Flughafens Frankfurt steht den Gästen des Airport Conference Center mit mehr als 10.000 Parkplätzen zur Verfügung. Fahren Sie am Besten

By car/parking facilities

More than 10,000 parking spaces are available for guests of the Airport Conference Center in the multi-story car park adjacent to the Frankfurt Airport Center 1 (FAC 1). Parking

Hotels around the airport

Hilton Frankfurt Airport

Hilton Garden Inn Frankfurt Airport

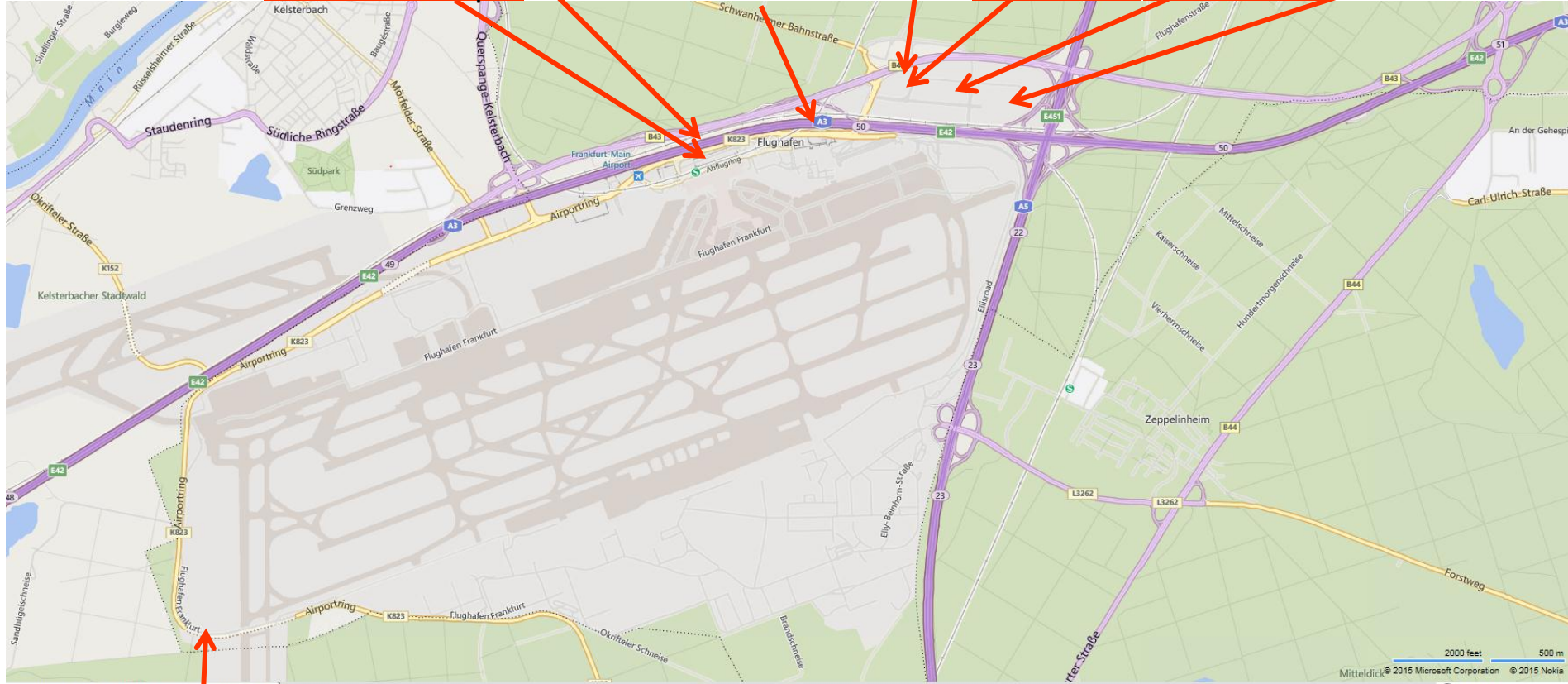
Sheraton Frankfurt Airport Hotel & Conference Center

Steigenberger Airport Hotel

Meininger Hotel Frankfurt Hotel

Park Inn by Radisson Frankfurt Airport

Element Hotel Frankfurt Airport



InterCityHotel Frankfurt Airport

Attachment 2

Directions...



...to the **Frankfurt Airport Center 1 (FAC)**, rooms Germany, Thailand, Japan, Swiss, Austria, **Schweden** und Mexico.

The FAC is accessible through the crosswalk from Terminal 1 between Halls A and B.

Follow the signs, go there in the Level 4 and get one of the elevators in the Level 2.

Indication:


- The left elevator can only be used with the Lufthansa ID card.
- From 3 pm the other two elevators are closed to the 2nd floor.




Frankfurt Airport - Getting to ACC




By plane

 The Airport (**Lufthansa**)Conference Centre is located in Frankfurt Airport Centre 1 (FAC 1), only a few steps away from the passenger terminal. To reach the enclosed pedestrian bridge connecting the terminal with the FAC 1, use one of the two escalators in departures halls A and B.


By car/parking facilities

 More than 10,000 parking spaces are available for guests of the Airport (**Lufthansa**) Conference Centre in the multi-story car park adjacent to the Frankfurt Airport Centre 1 (FAC 1). Parking is available in the multi-story car park, adjacent to the FAC 1, entrance P 2 or P 3. There is direct access to the FAC 1 from level 8 of the car park.

By taxi/chauffeur-driven car

 Follow the signs "Ankunft/Arrivals" until you see those for the "CD/CC-Parkplatz". When you reach the parking area, the main entrance to the Frankfurt Airport Centre 1 is on the left-hand side. From there, elevators take you to the Airport(**Lufthansa**)Conference Centre on level 2.

By public transportation


 From the airport train station, take the escalators to the basement level "Unterm Flughafen", directly above. From there, follow the signs for the "Frankfurt Airport Centre 1" (FAC 1). An elevator takes you to the pedestrian bridge leading to the FAC 1. From the Long distance train station (AirRailTerminal) please follow the signs " Airport (**Lufthansa**) Conference Centre" (ACC).




Change of access to the Conference Centre LH




As of 07.05.2009, the access to the "Permanenta" (2nd floor) rules as follows:

 The left elevator can only be used with the Lufthansa ID Card, via a card reader used to the 2nd Floor.

 The middle and right elevator stops as usual in the 2nd Floor, but only from Monday to Friday during 6 am and 3 pm, then the access is only through the left elevator possible.

 External guests without the Lufthansa ID Card are required to access the "Permanenta" after 3 pm with an accompanying Lufthansa ID card -holder.

 Please inform your guests and coordinate your appointments in this respect, as no other opportunity is given to get in.



Attachment 3

16.6.2015

**AEEC
MEETING**

HOTELS AROUND THE AIRPORT IN FRANKFURT



**AEEC Meeting in Frankfurt
from the 16.- 18.06.2015 |**

Sheraton Frankfurt Airport Hotel & Conference Center

Address:

Sheraton Frankfurt Airport Hotel & Conference Center
Conference Center
60549 Frankfurt, Germany
Phone: +49 (0) 69 69770
Fax: +49 (0) 69 69772209
E-mail: salesfrankfurt@sheraton.com



The 1008 rooms and suites in four categories, 60 meeting and event rooms for 2 to 1,200 people are all just a few steps away from Terminal 1 and the railway stations. As a first Class Business Hotel, the Sheraton Frankfurt Airport Hotel is the most centrally located hotel at Frankfurt International Airport. Guests of the Club and Towers floors as well as of the suites additionally enjoy the exceptional lounge with a wide range of amenities, exclusively. Two restaurants and bars (including the smokers lounge La Cubana Cocktail & Cigar Bar), two fitness centers, a business center and the Link@Sheraton business lounge are available to all visitors.

Steigenberger Airport Hotel *****

Address:

Steigenberger Airport Hotel
Unterschweinstiege 16
60549 Frankfurt, Germany
Phone: +49 (0) 69 69750
Fax: +49 (0) 69 69752505
E-Mail: info@airporthotel.steigenberger.de



This hotel is located about 900 meters from the airport terminals. It has 40 conference rooms comprising between 15 and 896 square meters, 550 rooms and 20 suites, 3 restaurants and a bistro-bar in the lobby that is open around the clock. Hotel guests can enjoy free access to the entire hotel WI-FI network having a bandwidth of 256 KB/s as well as the "Open Sky" fitness and wellness center offering cardio and fitness equipment, a pool with jacuzzi beds and massage showers, sauna, steam bath and massages. A shuttle bus service free of charge running every 15 minutes connects the hotel with the terminals around the clock.

Hilton Frankfurt Airport *****

[Hilton Frankfurt Airport Receives Skytrax Passenger Choice Award](#)

Address:

Hilton Frankfurt Airport
THE SQUAIRE, Am Flughafen
60549 Frankfurt am Main
Tel.: 0049 (0)69 2601 2000
Fax: 0049 (0)69 2601 2001
E-mail: sales.frankfurtairport@hilton.com



Iconic, impressive and ideally situated just 15 minutes away from downtown Frankfurt, the futuristic THE SQUAIRE building is home to Hilton Frankfurt Airport. This is where exceptional architecture and design meet Hilton hospitality.

249 modern guestrooms and suites, 11 meeting rooms for up to 570 guests, an exclusive Executive Lounge, the RISE Restaurant and The FIFTH Lounge & Bar are just some of the amenities that await you at this fascinating hotel. The hotel also offers direct access to Terminal 1 via Skywalk, excellent connections to the motorway and the high speed railway station, which is located underneath the building.

[Hilton Frankfurt Airport Receives Skytrax Passenger Choice Award](#)

Hilton Garden Inn Frankfurt Airport****

Address:

Hilton Garden Inn Frankfurt Airport
THE SQUAIRE, Am Flughafen
60549 Frankfurt am Main
Tel.: 0049 (0)69 4500 2500
Fax: 0049 (0)69 4500 2501
E-Mail: sales.frankfurtairport@hilton.com



The Hilton Garden Inn Frankfurt Airport has a prime location at Frankfurt Airport with direct pedestrian access to Terminal 1. 334 modern guestrooms, 3 meeting rooms, free internet access as well as a restaurant with show kitchen and bar create the perfect setting for a pleasant stay. The Hilton Garden Inn also offers guests a 24-hour Pavilion Pantry convenience mart and complimentary fitness & wellness facilities.

Park Inn by Radisson Frankfurt Airport ****

Address:

Park Inn by Radisson Frankfurt Airport
Amelia-Mary-Earhart-Str. 10
60549 Frankfurt
Tel.: +49 (0)69 9002760 (Hotelzentrale)
Fax: +49 (0)69 900276-10
E-Mail: Info.frankfurt@rezidorparkinn.com



The Park Inn by Radisson Frankfurt Airport is located in the new Business Park Gateway Gardens, which is about 800 m from Terminal 2. Its 209 modern guest rooms as well as its restaurant with an appropriate bar and the hotel gym are available for all hotel guests. The hotel offers an ideal working environment for meetings thanks to its 4 conference rooms (for up to 70 people) and its own underground parking lot. Additional services include an airport shuttle to both Terminal 1 and 2 and free of charge access to the internet.

InterCityHotel Frankfurt Airport ****

Address:

InterCity Hotel Frankfurt Airport
CargoCity South
60549 Frankfurt, Germany
Phone: +49 (0) 69 697099
Fax: +49 (0) 69 69709444
E-mail: reservations@frankfurt-airport.intercityhotel.de



The InterCity Hotel is located at CargoCity South directly on Frankfurt Airport (south side). The hotel has 360 sound-insulated rooms, 15 daylight suffused meeting rooms with air-conditioning for up to 160 persons, two high-tech auditoriums and free access to the entire hotel WI-FI network having a bandwidth of 256 KB/s. The gastronomic offer comprises the JU 52 Pub, which features an aviation-inspired nostalgic decor, and the Fluggi Restaurant. Furthermore, the hotel's fitness center and Sauna is available to all guests. Ample parking facilities with costs are available directly adjacent to the hotel.

MEININGER Hotel Frankfurt Airport***

Address:

MEININGER Hotel Frankfurt Airport
Bessie-Coleman-Straße 11
60549 Frankfurt
Phone: +49 69 957 97 965
Fax: +49 30 666 36 222
Email: welcome@meininger-hotels.com



The new MEININGER Hotel is within easy walking distance of Terminal 2, thus offering optimal connections to passengers and more. This comfortable new three-star hotel has 168 rooms on eight floors and its own parking facility. The rooms feature blackout drapes and soundproofed windows to ensure that frequent fliers and world travelers have a pleasant, relaxing stay. Those looking for more entertainment can take advantage of pool and poker tables in the lobby, the iPod docking station that every room is equipped with, and free Wi-Fi Internet access throughout the hotel. As an additional service we provide our guests with a shuttle service to Terminal 2.

Element Hotel Frankfurt Airport

Address:

Element Frankfurt Airport
De-Saint-Exupéry-Straße 6
60549 Frankfurt
Phone: +49 69 365065 400
Fax: +49 69 365065 429
Email: reservations@elementfrankfurtairport.com



The Element Frankfurt Airport Hotel is situated in the newly created 35-hectare Gateway Gardens district that is conveniently close to the terminals of Frankfurt Airport. It boasts contemporary architecture, LEED certification, and an "extended stay" concept focusing on long-term guests. Each of its 133 studios and suites has a fully equipped kitchen that includes an espresso machine. Featuring many other amenities that include complimentary high-speed Wi-Fi, free phone calls to landline numbers in 18 countries, a 24-hour shop, a gym, and a washroom, the hotel mainly appeals to guests looking for a home away from home. An integrated Spanish restaurant and two conference rooms round out the offering.