Orchestrating a brighter world



NEC Display Solutions Customer Installation Aviation and Transport

Stuttgart Airport

100% dependable digital signage



JTTGART

Information displays are absolutely essential at airports; passengers need instant access to flight, check-in and boarding information in all areas – and they also want to be entertained as they wait for their

SITE INFORMATION

Sector

 Aviation and transport centre: flight displays, gates, check-in desks, bus terminals, other operating areas

Client Information

Stuttgart Airport
www.flughafen-stuttgart.de

Installation date

Cooperation for around 15 years

EQUIPMENT

- 17 24" Desktop Displays: > 75
- 32" Large Format Displays: 145
- 40 42" Large Format Displays: 276
- 46 48" Large Format Displays: 65
- 52 55" Large Format Displays: 21
- 70" Large Format Displays: 6
- 46" Video Wall Displays: 58

flight. The Manfred Rommel Airport in Stuttgart uses flight information systems, video walls and displays developed by NEC Display Solutions to keep its passengers up to date.

In 2019 alone, the airport welcomed over twelve million passengers at its four terminals and provided information on around 400 take-offs and landings every day. The IT traffic systems department at Stuttgart Airport manages the smooth operation of the display systems at 100 check-in desks, 70 gates, the baggage claim area and corridors.

Flexible, simple and continuous operation

When installing the new technology in various areas of the airport, the local IT specialists set their sights on absolutely dependable equipment that could be continuously operated without any problems. But they also had other requirements, such as excellent display quality in all lighting conditions, simple maintenance and low running costs.

At the same time, the airport was looking for a highly flexible solution in terms of its administration and possible content. After all, advertising in front of an attractive target market with high purchasing power is an important source of income for airport operators. It also makes it easy for airports to cover current events.

NEC Display Solutions Customer Installation Aviation and Transport Flughafen Stuttgart GmbH

Quality of lasting value

Stuttgart Airport has mainly been using NEC's solutions for the best part of 15 years. Since March 2018, a video wall with 46-inch displays has been used as the central flight information board in Terminal 1. 32-inch monitors are used for the check-in desks, while the entire gate area features 40-inch devices. 55-inch displays present advertising in other areas. NEC's technology can also be found in the SKYPORT administration building at Stuttgart Airport.

The solutions developed by NEC, which have been used at over 200 airports around the world for the past 30 years, are characterised by their reliability and durability. These defining characteristics are assured by various safety features, such as protection against overheating in continuous operation. Additionally, ambient light sensors automatically ensure the correct brightness to reduce power consumption, save money and protect the environment. The company's displays and panels are protected by a robust metal housing, making them suitable for busy areas. All its solutions meet fire safety requirements thanks to their stable structure and professional heat management. The product software enables the displays to be configured and controlled in a centralised, simple and flexible manner.

Reliable and flexible

The flight information displayed at Stuttgart Airport is aimed at passengers and visitors in various areas. The digital signage solutions developed by NEC make it extremely easy to display different types of flexible content. The IT department is impressed by the simple operation of the systems: *"We can always control the NEC displays without any problems"*, explains Fabian Braack, Project Manager, IT Services for Traffic and Security. Braack appreciates how durable the equipment is in continuous operation, which is really important in busy areas: "NEC's installations simply offer more than other systems. Many displays are still working after many years in operation. The supposedly higher acquisition costs are cancelled out by the quality that we've come to expect from NEC solutions, because their devices can be used for much longer than planned".

The solutions developed by NEC almost require no maintenance whatsoever and only have to be dusted on a regular basis. *"Apart from occasional calibrations, changes in brightness, position or replacements, we never have to worry about the equipment"*, explains Braack.

After consistently positive experiences over the past few years, Stuttgart Airport continues to use NEC solutions. The airport is currently running a project to digitise its central split-flap display with departure and gate information in Terminal 3. In addition to 24/7 certification, the bidders in the nationwide tender had to be able to quickly display various content via a centralised digital signage solution. In May 2020, the old system was replaced by a video wall consisting of 27 screens, each measuring 46 inches. The screens are managed and monitored by NaViSet, NEC's comprehensive solution for the remote control of desktop monitors, largeformat displays and projectors.

Numerous products have been installed over the course of the long-term cooperation, many of which are still in operation after more than 13 years. NEC displays are not only used in the gate and waiting area, but also at the check-in desks and in the departure hall in Terminals 1 and 3.

NEC solutions are also planned at Stuttgart Airport as part of its future investments.

-						Abflug / Departures									\mathbf{S}		
num to num to ■ OS 178 WIEN	SCHEDULED DO	WARTET SOME MICTED TERMINAL COUN	ITEN AUSCANG TEN GATE	nus Non		мисн то	CEPLANT EDWART	SOWITE	AUTOANS	TUS		ukoj m	GEPLANT DIMAGENT	5044778	×		
■ EW 2596 PALMA DE MALLORCA	09 ⁵⁰ 09 ⁵⁵		4-326 173			HANNOVER	1400		316	≫ EW			1800	INNINA, COUNTER	314		
EW 2010 BERLIN TEGEL	1030		1-144 312			ISTANBUL SAW	1410	T3 330-334	343			FRANKFURT	1815		173		
EW 2046 HAMBURG	1030		5-148 140			BUDAPEST	1425		310	≫ EW		HAMBURG	1830		140		
I LO 372 WARSCHAU			5-148 117			IZMIR	1445	T3 305-309	109			DRESDEN	1850		310		
D TK 1702 ISTANBUL	10 ⁴⁰ 10 ⁵⁰		0-301 310			BERLIN TEGEL	1450		140	- XC	3508	IZMIR	1850	T3 305-3			
LH 133 FRANKFURT			5-138 109			JEREZ	1505		117	🔤 SK	1656	KOPENHAGEN	1855	T3 300-3			
	1055		-209 173			HAMBURG	1520		173	2 EW	2006	BERLIN TEGEL	1900		117		
KL 1870 AMSTERDAM	1100		-339 316			BREMEN	1540		316	AF	1809	PARIS CDG	1910		316		
EW 2140 WESTERLAND-SYLT	1110		-148 337	🖾 DE			1625		312	0S	188	WIEN	1925		314		
EW 2592 PALMA DE MALLORCA	1140		-144 140			BERLIN TEGEL	16 ³⁰		337	🔄 A3	511	THESSALONIKI	1955	T3 315-	-319 310-311		
X3 2482 MENORCA MAHON	1230		-311 173	l≫ EW	2036	HAMBURG	1710		140	🗢 XQ	705	GAZIANTEP	2100		-334 113		
📨 EW 2976 ZAGREB	1235	T1 141-	-144 113			LONDON HEATHROW	1715		343	- MV	1712	PRISTINA	2130		-314 124		
EW 2964 SPLIT	1335	T1 141-	-144 337	💌 EW	2682	THESSALONIKI	1745		337	🗅 X0	1761	KAYSERI	2145		-304 337		
TK 7751 ISTANBUL SAW	1335	T1 135-	-138 109	E VY	1867	BARCELONA	1755	T3 310-31	1 117	🖸 X(1741	ELAZIG	2200		5-309 342		

NEC Display Solutions Europe GmbH Landshuter Allee 12-14, D-80637 München infomail@nec-displays.com Phone: +49 (0) 89 99 699-0 Fax: +49 (0) 89 99 699-500 www.nec-display-solutions.com

This document is © Copyright 2020 NEC Display Solutions Europe GmbH. All rights are reserved in favour of their respective owners. The document, or parts thereof, should not be copied, adapted, redistributed, or otherwise used without the prior written permission of NEC Display Solutions Europe GmbH. This document is provided "as is" without warranty of any kind whatsoever, either express or implied. Errors and omissions are excepted. NEC Display Solutions Europe GmbH may make changes, revisions or improvements in, or discontinue the supply of any product described or referenced in this document at any time without notice. JG 23.09.20