More People Are Traveling by Air. It’s Essential for Airports to Meet the Growing Demand.

Airport Infrastructure Challenges in the 21st Century

The aviation industry and the demands placed upon airports are changing – fast.

7.200.000.000 passengers +484.000.000 new passengers per year in 2025-2030

Demand will exceed capacity in 2030.

Investing in Airport Infrastructure Will Be a Requirement, Not an Option.

$100 BILLION by 2021 = $20 BILLION a year

Rehabilitate existing infrastructure
Growth in passenger and cargo activity
Costs by location

21.1% airside projects
54.1% terminal projects
24.7% landside projects

Expenditures needed for current and forecasted traffic, use and age of facilities, changing aircraft technology that requires airports to update or replace equipment and infrastructure.

Set Your Airport up for Success with a Flexible, High-Performing IT Infrastructure.

There are three essential capabilities your infrastructure must support to keep your airport running smoothly and cost-effectively:

Documentation
Planning
Management

– For deep visibility into your infrastructure, your system should include a central data repository of up-to-date and accurate information about every physical asset and how they are connected.
– To ensure all assets are functioning optimally, your system should detect problems in real-time and have processes in place to resolve.
– To enable modifications to any service, your system should be flexible to incorporate new assets and processes as needed.

Maximize network uptime to keep airlines and travelers happy
Minimize the potentially devastating financial impact of service disruption
Easily add and modify services to keep pace with changing customer demands

8 out of the 10 largest airports in Germany use FNT

Sources:
1, 2: International Air Transport Association, “IATA Forecasts Passenger Demand to Double Over 20 Years”
3, 4: European ATC Organization Eurocontrol, MIR Initiative, “The Future Challenges For Airports”
5, 6, 7, 8: Airports Council International - North America, “Airport Infrastructure Needs 2017 – 2021”

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FNT Can Help

To learn more about modernizing your IT infrastructure, visit airports.fntsoftware.com