

True common use platform with low footprint at airport

SITA Flex Hybrid is our traditional standards based platform that now offers a low footprint option, removing the need for a core room on site with servers with Infrastructure as a service hosted in Microsoft Azure. Fully integrated with SITA Flex components on the workstations and kiosks and together with automated tools from Airport Device Management and the SITA Landing Zone, we can offer a unique, secure, true common use platform.

BACKGROUND

The need to do more with less resources

Centralising servers and tasks reduce the need for on-site resources.

The need for sustainability

Low footprint, reducing the core room to network switches equals more sustainable airports

Improving the customer experience

While the platform adheres to the IATA standards, Flex as a Service components on the endpoints provide airlines the ability to innovate

Fast deployment

Centralise configuration and set up mean a quicker delivery and deployment of the platform

Achieving operational efficiency and scalability

Adding new airlines, expanding the operation, all done seamlessly with no impact to the airport

SOLUTION

SITA Flex Hybrid is a true common use platform allowing airlines to work from any endpoint at any time with any DCS provider.

It provides the ability to move from an on premise core room to an off-site data centre with no impact to the core functionality or SLA's.

Centralised configuration and usage mean less on site intervention. Together with ADM monitoring and distribution tools, SITA Flex Hybrid can self-heal.

SITA Flex Hybrid is an open platform. We allow all vendors to be able to work on the SITA platform with no lock out of any vendor. The certification process is open to all.

BENEFITS

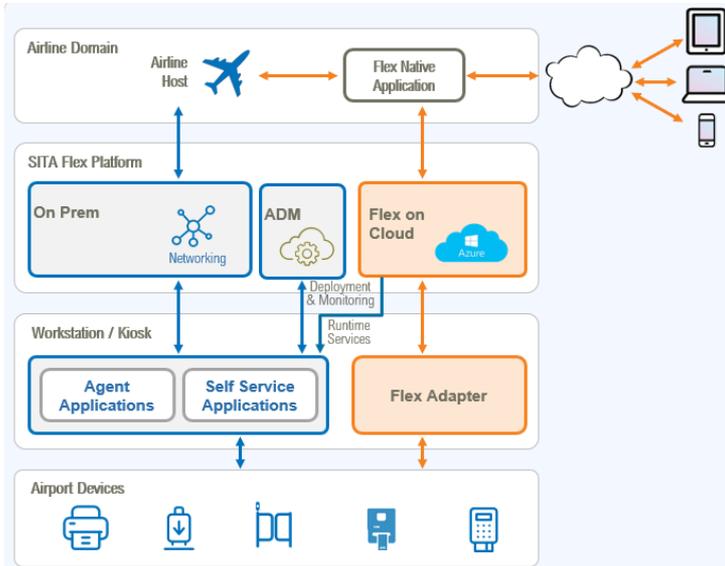
- Airports can be implemented quickly.
- Airports can reduce their carbon footprint on-site by removing their core room and on-site infrastructure.
- Airports can work with SITA or other vendors with no lock in to specific hardware suppliers.
- Flexible and able to increase airport capacity with no effect to operations.
- Airlines can still innovate and not have to certify applications using the Flex API's.

RESULTS

460+
traditional SITA
common-use sites
around the world with
Flex components can
move to serverless

**SITA Flex is supported on Win 10 only*

How does it work?



SOLUTION COMPONENTS

1. Core room only has networking components
2. All servers are now in Microsoft Azure IaaS
3. Flex Adapter Service on touchpoints to allow the use of peripherals by the airline applications
4. Airline applications are distributed to the workstations
5. One Config Tool for the touchpoint configuration, creation of the location QR code and user management.
6. Certified workstations and peripherals
7. Centralized support .
8. Development support
9. High availability - up to 99.95%

CASE STUDY

SITA Flex Hybrid as a serverless solution is being deployed in 49 airports worldwide

A group of airports in North America were looking for a true common use, but cloud hosted solution that could be hosted in their region and provide a robust and performant platform in all four airports. They chose SITA Flex Hybrid as that platform as it meets the SLA's they are looking for whilst giving them the ability to add new airlines and expand rapidly

Additionally, this solution leverages the ADM toolset which provides for remote remediation on the devices at the airport, minimizing the interventions on-site and reducing the need to stop operation at a particular desk.