

Software-defined networking service, providing a scalable and agile global network platform that accelerates cloud adoption.

SITA Connect SDN provides airports with an on-demand increase in bandwidth, automation, business, and application-based routing policies. It also helps application migration to private and public clouds with solutions tailored specifically for the ATI.

BACKGROUND

Applications moving to the cloud

The airport is deploying more applications in the cloud as part of its digital transformation initiative.

Constant increase in network bandwidth

The airport needs to increase network bandwidth while containing its budget to bring agility and resiliency to the network.

Automation and self-service

It needs network intelligence with automation and self-service for greater visibility in IT operations.

SOLUTION

SITA Connect SDN offers next-generation IP connectivity solutions. This supports airports looking for more agility, cost-effectiveness, application-centricity and, cloud accessibility through a software-defined network.

- **Transport independent**
Seamlessly blends all access types (MPLS, ISP and, 4G/LTE).
- **Policy-based**
Business and application-based routing policy.
- **Cost-effective**
Low price per bandwidth unit by leveraging internet access.
- **Cloud-centric**
Pre-connected to more than 20 ATI app and cloud providers.
- **Centralized orchestration and visibility**
SD-WAN orchestrator and MySITA (SITA's customer portal).

BENEFITS

- Access to SD-WAN feature capabilities such as application-based routing policy.
- Faster network connectivity delivery at airports, thanks to APH global footprints.
- Contains the transformation cost with low price per bandwidth unit and APH shared infrastructure.
- Access to various ATI and public cloud providers seamlessly.
- Accelerates IaaS, PaaS, and SaaS adoption.
- Minimizes the risk of migration to SDN.
- Internet browsing breakout locally or in the cloud.
- Greater network visibility with MySITA (SITA's customer portal) for SDN.

RESULTS

AirportHub SDN

SITA is transforming APH to be SDN-enabled globally.

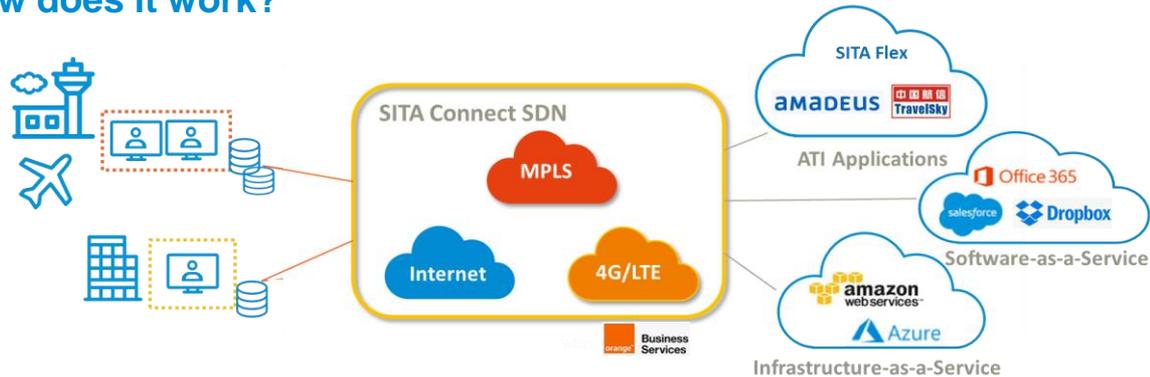
Transformation cost

Contained with a low price per bandwidth unit.

Cloud access

Pre-connected to more than 20 ATI app and cloud providers.

How does it work?



SITA Connect SDN is the next-generation IP connectivity solution.

It supports the evolving demands for agility, cost-effectiveness, application-centricity, and cloud accessibility. This is achieved with a software-defined network that seamlessly blends all access types (MPLS, ISP & 4G/LTE).

This approach allows SITA Connect SDN to provide a reliable solution for customer needs at airports, town offices, and headquarters.

SOLUTION COMPONENTS

1. Cisco SD-WAN technology.
2. SD-WAN endpoint(s) at customer premises.
3. SD-WAN cloud endpoints on AirportHub infrastructure at the airports.
4. Hybrid of MPLS and ISP access links.
5. Dual SD-WAN endpoints and multiple access links for mission-critical sites.
6. IP bandwidth: medium to high.
7. Secure local internet breakout complimented with ZScaler solution.
8. Application-based routing policy
9. Leveraging on SITA SD-WAN gateway for transition and backward compatibility to legacy networks.
10. Access to ATI and public cloud providers.
11. Access to SaaS such as Office365.
12. MySITA access for SDN.

CASE STUDY

An award-winning airline in APAC has chosen the SITA Connect SDN solution to transform its global network connectivity into SD-WAN as part of its digital transformation strategy.

The winning solution included SD-WAN based on Cisco technology and SITA's next-generation AirportHub. It is delivered over the global MPLS and ISP access for 200+ back offices. The solution will deliver global network access for Amadeus applications from both town and airport locations.

SD-WAN will accelerate the cloud adoption strategy such as Office365 access.

This includes a secure internet breakout solution for 3,400 overseas end-users to optimize the customer's application experience.

For more information, please contact us at info@sita.aero