



**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.**

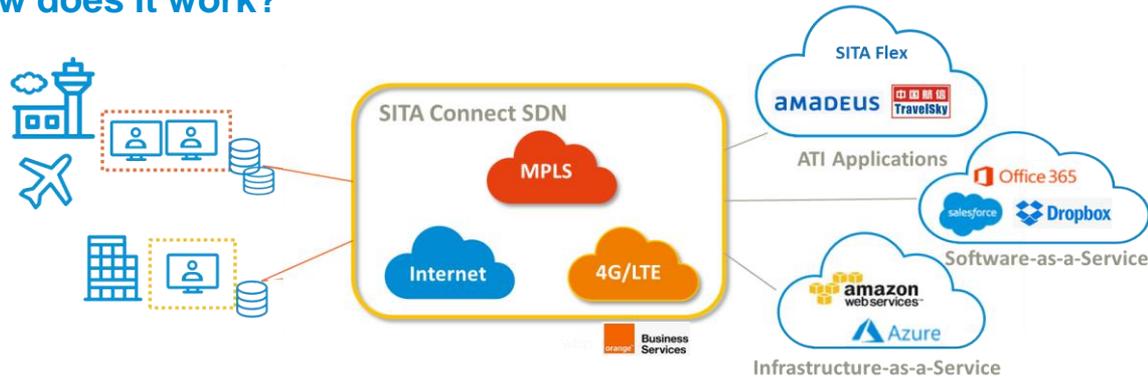
#### Transformation cost

**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](mailto:info@sita.aero)