The Ribbon Communications' Application Server Solution Powers Public - Private Partnership

Innovative telecom infrastructure project connects local businesses to service providers

Customer

Ribbon's customer is an unprecedented public-private partnership fostered by a Latin American municipality that sought out an innovative way to spur the development of their port area. The Partnership oversees construction in the 5 million square meter port area and provides urban services, including telecom services.
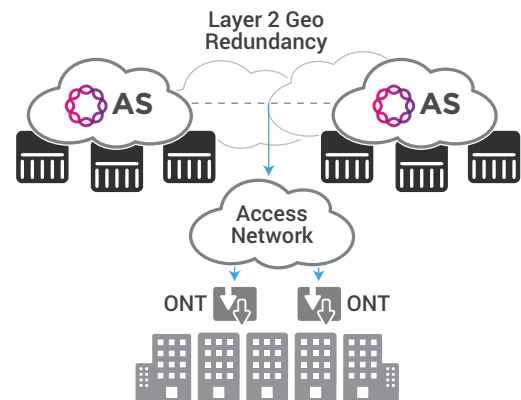
Challenge

The Partnership needed a scalable, standards-based, solution that is capable of providing a common set of fixed-line services to all of the port's business and residential occupants. It had to be feature-rich enough to meet the needs of both residential users and sophisticated business customers. At the same time it had to be fully interoperable so it could interconnect with all of the region's service providers.

Solution

After an extensive evaluation process, the Partnership chose a local Ribbon's business partner to deploy a high availability configuration of Ribbon's Application Server. A geographically redundant design assures that even in the event of a significant disaster at one of the two geographically dispersed data centers, call processing is not interrupted. Given the port's importance to the economy of the region, it was critical that telecom services be designed as a strategic asset.

> "The Application Server Solution from Ribbon enabled our partnership to provide a common, SIP-based, infrastructure for the Port's businesses that all of the region's Service Providers can share. We've been able to lower the cost of these services to the Port's businesses, making them more competitive, even as we have improved the quality and quantity of services available."

The Ribbon Application Server solution is deployed in the Partnership's private cloud. Ribbon provided the Redhat Linux Operating System and Ribbon's Application Server software while the customer provided VMware and the data center infrastructure. All the implementation services were provided by Ribbon's professional services team.

Result

With Ribbon's Application Server solution, the Partnership is able to offer voice and conference services to the residential and business subscribers within the new port's area. This includes state-of-the-art SIP-based business communications that are designed to keep the port's businesses connected and competitive in a global economy. The Partnership is looking forward to enhancing those unified communication services in coming years including smartphone clients and video conferencing.

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Case Study