

Global Semiconductor Manufacturer Upgrades Aging Network



Vertical: IT Manufacturing
Region: Global/Multinational
Solution: Ribbon SBCs and PSX

Problem

A multinational software and semiconductor manufacturer with regional headquarters in the USA, Europe and Asia faced a critical problem with their outdated network infrastructure. Many of their products had reached their End of Life and were no longer supported, posing significant risks to the company's network security and compliance with internal corporate governance guidelines.

In addition, their need for on-premise equipment and hardware had to integrate with existing technologies including Microsoft Teams. Not only did this pose a potential threat to the company's operations and data, but it also could cause disruptions in their communication systems.

With their existing Unified Communications platform and the need for on-site equipment and hardware, finding a suitable solution seemed daunting.

Solution

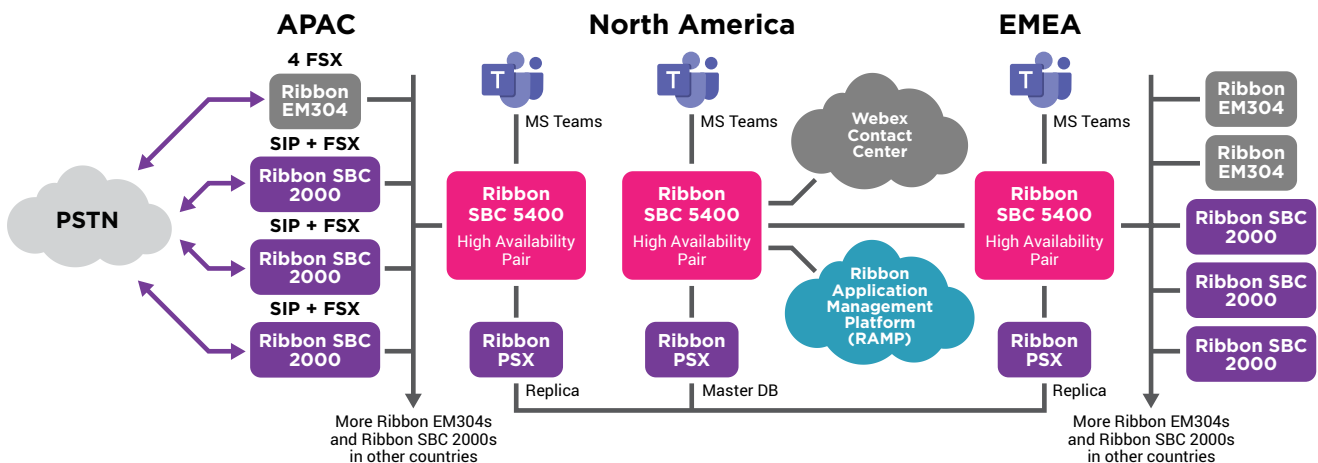
After thorough research and evaluation, Ribbon was identified as the preferred solution provider for this company. Known for its "carrier-grade" solutions and excellent reputation in the industry, Ribbon offered a comprehensive solution that addressed all of the client's needs.

Problem: Aging network with need for on-premise solution
Solution: Ribbon SBC and PSX
Resolution: Secure network infrastructure with regional support, and a roadmap for cloud-based solutions in the future

Not only does Ribbon provide on-premise equipment and hardware, but its global presence ensures that they can offer on-site training, technical support, and engineering oversight during the implementation process. This guarantees a smooth transition to their new communications framework.

Ribbon's hardware products are homologated in most countries around the world. What that means is that both small and large hardware platforms can be shipped without the need to wait for governmental approvals. This in turn leads to quicker installation and deployment globally. Whether you need to ship to the UK, India or Saudi Arabia, Ribbon has you covered.

With Ribbon's expertise, this multinational company can rest assured that they have chosen a reliable partner who will help them update their network infrastructure in line with corporate governance guidelines while integrating seamlessly with Microsoft Teams.



Ribbon SBC 5400 benefits:

- Outstanding scalability that can expand to 75,000 concurrent sessions
- UCaaS certified for Microsoft Teams
- Interface flexibility makes switching between 1GB and 10GB interface simple
- Robust security to protect against DDoS and TDoS attack on SIP-signaling and media ports
- US Government certified: JITC and FIPS-140-2
- Ribbon provides a range of SBCs that scale from small business to large multi-national enterprises

Ribbon PSX benefits:

- Reduce CAPEX and OPEX with simplified network management
- Routing with Microsoft Active Directory
- Reduce international toll fees
- When ready, the ability to migrate employees onto a cloud-based UC service

Ribbon EdgeMarc 300 benefits:

- Connectivity: 2 or 4 FXS ports and 4 LAN ports
- SIP ladder diagrams
- Threshold alerts and ring buffers

Ribbon Session Border Controller (SBC 5400)

The Ribbon SBC 5400 provides the optimal solution with proven network security, intelligent session control, robust media services, and SIP normalization for interworking.

The SBC 5400 is specifically designed to address the unique challenges of real-time communications for reliability and availability.

The SBC 5400 is ready-made to ensure quality of service for unified communications, collaboration and conferencing services, contact center services, and SIP trunking underpinning all those services.


Ribbon Policy and Routing Server (PSX)

The Ribbon PSX is an intelligent session and routing control solution that applies specific rules to IP-based communications such as VoIP calls, video conferences, unified communications (UC) sessions, third-party applications and messaging systems. With intelligent session and routing control, enterprises can control multimedia communications to customers and employees with unprecedented flexibility and ease.

Ribbon EdgeMarc 300 Series Gateway

The Ribbon EdgeMarc 300 is a low-density analog gateway (analog telephone adaptor (ATA) that provides branch offices with a cost-effective way to adapt traditional telecom devices to modern VoIP services. The EdgeMarc 300 protects an organization's investment in analog phones, fax machines, door phones, elevator phones, paging systems, and similar devices.

The EdgeMarc 300 makes it easy to maintain existing business processes by supporting any-to-any connectivity between analog devices and modern SIP services, including support for T.38 fax.

Contact Us  Contact us to learn more about Ribbon solutions.