



Secure Real-Time
Communications



Ribbon SBC 1000™ / SBC 2000™ and Nectar UCMP

Proactive Network Monitoring for Skype for Business
and SBC Infrastructure



Unified communications diagnostics solution offers integrated monitoring functionality via the Ribbon SBC 1000 and SBC 2000 and a single, centrally located system, reducing complexity at the network edge and simplifying and accelerating deployment while substantially cutting operating costs.

An End-to-End Proactive Monitoring Solution

Enterprises deploying Microsoft Skype for Business are challenged to ensure their networks are optimized to reliably deliver voice, video, presence, and collaboration to users. Network environments are built upon multi-vendor servers, networking equipment, endpoints, and session border controllers (SBCs), and managing or monitoring the network becomes increasingly complex and more difficult to identify potential outages or performance issues.



Ribbon and Nectar offer a fully integrated solution for enterprise customers to proactively monitor, manage, and measure the health and performance of their entire Microsoft Skype for Business ecosystem, by deploying Ribbon's SBC 1000 and SBC 2000 along with Nectar's Unified Communications Management Platform (UCMP) solution.



Real-Time SIP Session Management and Media Analysis

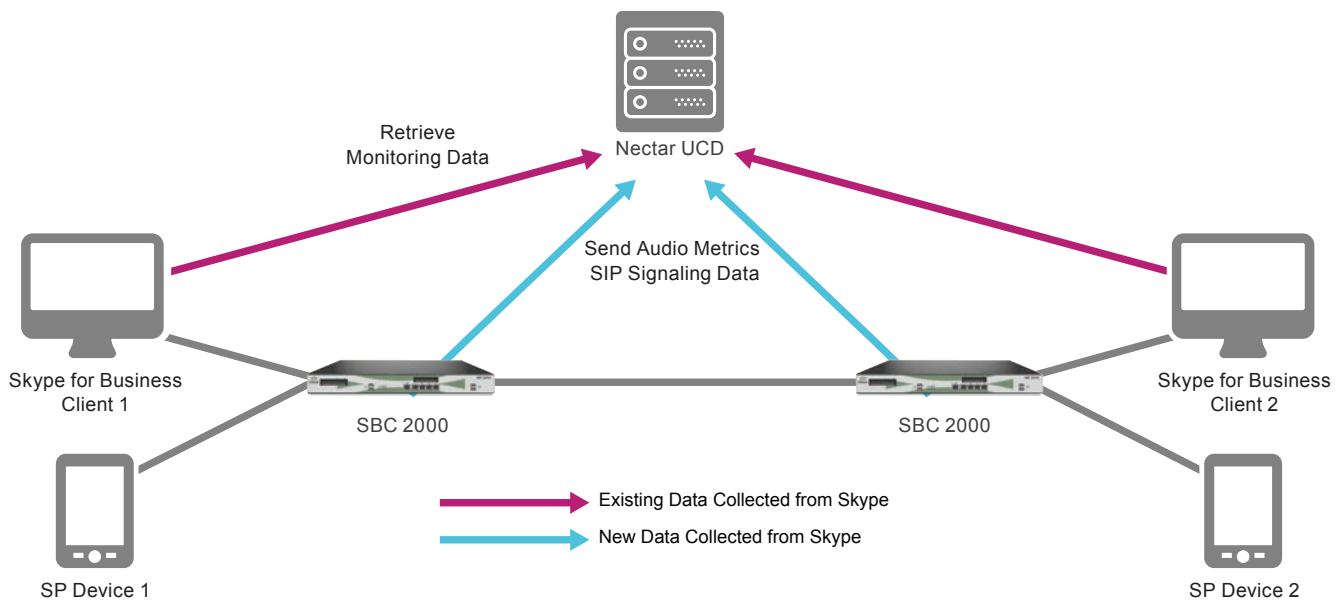
From a centralized location, Nectar's UC Diagnostics technology and the Ribbon SBC 1000 or SBC 2000 deploy in minutes to provide full signaling and media analysis on both the public and private side of the SBC – without the need for network taps or SPAN ports. This enables complete session visibility, as well as WAN bracketing at each site, so IT managers can take a proactive approach to quickly identifying the location of signaling issues and media quality problems – before they can negatively affect the user experience. Further, the jointly developed, integrated UC Diagnostics and Ribbon SBC solution provides unmatched scalability and flexibility.

Monitor multiple geographically distributed Ribbon SBCs

From a centrally located UC Diagnostics system, reducing complexity at the network edge and enabling monitoring for new sites to be turned up via a simple configuration setting on the Ribbon SBC.

Simplify and speed deployment

By significantly reducing the setup time and the number of UC Diagnostics servers that must be installed, dramatically decreasing maintenance costs. Additionally, it offers significant operational benefits since all UC Diagnostics systems are centrally located – no need to manage monitoring servers at each remote site.



Key Benefits

- Proactively monitor the health, performance, and capacity of the Microsoft Skype for Business network and the Ribbon SBC 1000 and SBC 2000 infrastructure
- Real-time media analysis and notification of network events impacting Skype for Business voice and video sessions
- Track and monitor SIP errors on both the public and private side of the SBC
- Monitor and trend SIP signaling responsiveness for excessive delays in call setup and/or teardown
- Root-cause analysis and alarm management capabilities

About Ribbon Communications

Ribbon is a company with two decades of leadership in real-time communications. Built on world class technology and intellectual property, Ribbon delivers intelligent, secure, embedded real-time communications for today's world. The company transforms fixed, mobile and enterprise networks from legacy environments to secure IP and cloud-based architectures, enabling highly productive communications for consumers and businesses. With locations in 28 countries around the globe, Ribbon's innovative, market-leading portfolio empowers service providers and enterprises with rapid service creation in a fully virtualized environment. The company's Kandy Communications Platform as a Service (CPaaS) delivers a comprehensive set of advanced embedded communications capabilities that enables this transformation.

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