



How a Major Research University Transformed Their Communications Infrastructure

Who

A leading US educational institution, based in California, had a complex voice infrastructure with 150,000 users and multiple telecom environments. In addition to a main campus, the customer's environment included a medical system with hospitals, clinics, and doctors' offices.

The Challenge

For this university, managing and connecting systems from different vendors, varying generations of technology, and numerous types of applications was a complicated and expensive task. The institution wanted to reduce its costs and deployment complexities, but it needed to efficiently manage the constant moves, adds, and changes as students, faculty, and staff came and went. This constant management burden consumed too much time from a limited pool of skilled IT resources.

The Solution

When the university approached Ribbon, it was looking for an intelligent, agnostic "core" campus network that was not tied to any one vendor. Ribbon was able to leverage its Session Border Controllers (SBCs), Analytics, and Centralized Policy and Routing solutions to provide that core.

Instead of managing dozens of disparate systems, Ribbon's infrastructure allows calls to be seamlessly routed from one legacy system to the next, using a common dial plan maintained in the Ribbon communications core. Additionally, Ribbon elements integrate with Microsoft Active Directory, making it easier to add new users or revoke services after employee or student departures.

Ribbon's vendor agnostic communications core allows the university to keep all its legacy systems connected while centrally managing policies and connectivity rules for individual users without having to administer each system every time a change is made. This saves thousands of staff hours annually, reduces the need to retain specialized labor, and minimizes mistakes that could disrupt services.

Why Ribbon?

The best campus network solutions are essential to keep everyone connected. Ribbon has the scale, resiliency, and security educational institutions demand.

Learn more by downloading our latest eBook, [Communications Network Transformation in Education](#), or visiting our [website](#).

