

Columbus Telephone Selects Ribbon Communications' Call Session Controller for Ongoing Network Transformation

C15 Solution: C15 Call Session Controller & Professional Services

Customer

Columbus Telephone is a local provider of Telephone Service, High Speed Internet, and HD Cable TV Services. All Columbus services run on a 100% fiber network giving their customers the fastest speeds and most reliability. Columbus deployed the first all fiber network in the state of Kansas and one of the very first in the United States.

Challenge

Columbus Telephone was providing service to their customers with a CopperCom softswitch that was deemed end-of-life and losing technical support in 2014.

Solution

Ribbon delivered a C15 Call Session Controller to replace and update the existing CopperCom network components with state-of-the-art software and hardware.

Widely-deployed in the smart cores of hundreds of operator networks, the C15 is part of Ribbon's Call Session Controller product line. The C15 reduces risks by providing a solid bridge to revenue growth and new IP services.

Testimonial

"You have proven to Columbus Telephone that we have chosen the right partner. THANK YOU for all of your teams effort! With great technology like yours, and team work, we can make everyone's job easier. We are a happy Ribbon customer!"

*Gene Hamilton Plant Manager,
Columbus Telephone Co*

The C15 supports a wide variety of standard protocols, interfaces, and features to concurrently enable both IP and legacy services for Class 5 replacement, including HD voice, Centrex, web portal, mobility, video calling, call logging, integrated voice mail, AMA collection, IP PBX, LNP, E911, and CALEA. The C15 is also fully SIP and IMS-capable with integrated SIP call session control, session border control, and TDM gateways for seamless inter-working between VoIP and TDM subscribers.

Result

The new switch was cut-over, and with the combined efforts of the Columbus team and Ribbon's experienced services team, the network was transformed over night. Testing was conducted to ensure all vital services, including 911 Caller ID, were working seamlessly.

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