VTR Chile Selects Ribbon Communications' Network Transformation Solutions

Migrating eleven existent legacy switches to a single Geo-Redundant C20 IP switching platform along with G6 Media Gateways for massive network, power and space consolidation.
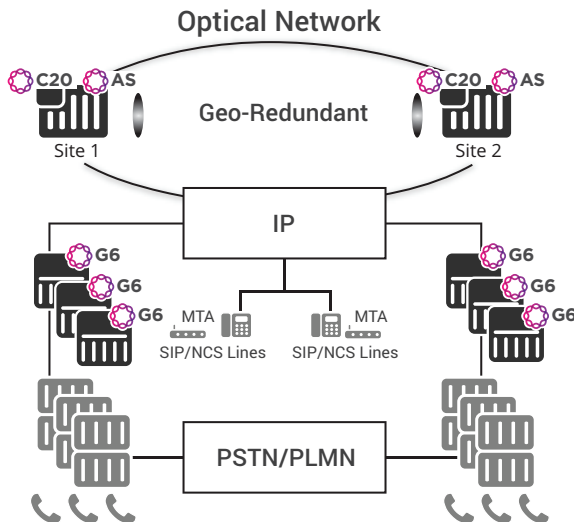
Customer

VTR is Chile's largest multi-channel television provider, and a leading provider of broadband internet and residential voice services. VTR provides video, broadband internet, and traditional circuit-switched & digital (VoIP) telephony services with over 700,000 Voice over Cable subscribers.

Challenge

To modernize their existing legacy TDM access network equipment's to all IP technology, offer new voice and multimedia services to their subscribers for additional revenue, and most importantly to reduce OPEX by foot print and power consumption reduction, VTR needed a vendor with world wide experience in network transformation projects. In addition VTR required the vendor to provide services guarantee, support in seamless migration, and ability to preserve and re-use their existing investment in the new proposed solution.

Solution

VTR selected Ribbons C20 & Application Server (AS) with G6 media gateways to consolidate and modernize their existing network of CS2Ks and DMS 100s. The solution is to migrate all

Testimonial

"We have decided to take Ribbon as our partner for the next step of telephone and voice services, and migrate over 700,000 customers from 11 switch to 1 switch, and reducing about 170 racks space. We will have a big improvement on space use, air conditioning, power and quality of service."

Ramon Canas, CTO,
VTR Chile

the existing CS2ks and DMS-100s in their network to C20 & Application Server in georedundancy mode. In addition, G6 Access Media Gateways along with ABI card technology allowed VTR to modernize and optimize current TDM access network towards an IP technology and keep existent Line Access Gateways and preserving their investment.

Ribbon's solution for VTR includes:
- A Software-Centric platform transforming proprietary legacy voice infrastructure to all IP, with C20 & AS in geo-redundancy mode.
- G6 access media gateways, which allows VTR to modernize and optimize current TDM access network towards an IP technology and utilize existing line access gateways equipment.
- New geo-redundant infrastructure, helps VTR in managing a consolidated network with a single geo-C20 with simplified provisioning, node administration, alarms handling, growth capacity planning and backup/restore.

Results

Ribbon's Network Transformation solution enables VTR to:
- Reduce operational expenditures with reduction of power consumption by 70% reduction and footprint reduction by 97% space reduction.
- Utilize their existing investment with service guarantee and seamless migration without affecting their subscribers.