# Cloud-Based UC Platform Delivering Rich Communications

AVST CX-C provides service providers, wireless carriers and network operators with a cloud-based Unified Communications (UC) platform delivering rich communication solutions. Based on a pay-for-use subscription fee licensing model, CX-C delivers the most sought after mobile solutions including unified messaging, single number reach, single mailbox, voicemail, broadcast messaging, automated attendant and fax messaging. Unlike other enterprise messaging platforms being re-engineered for the cloud, CX-C is ready-made for the cloud. With unmatched scalability, security and reliability, CX-C transforms your customer's productivity and accessibility.


## SCALABILITY FOR THE FUTURE

The platform you invest in today should be the platform you rely on tomorrow. CX-C supports up to one million subscribers through its multiple server architecture.

- Highly Scalable Platform; up to One Million Subscribers
- Multi-Tenant; Hierarchical and Secure Software Partitioning Model, Administrators Partitioned by Tenant
- Support for Multiple Locations and Time Zones

## THE RESILIENCY YOU NEED

On-demand solutions require uninterrupted availability; CX-C delivers the resiliency you need.

- High Availability Configuration for all Software Components
- Active/Standby Configuration for Core Services (Database and Storage)
- Disaster Recovery and Geo-Redundancy Deployment Options
- Telephony Load-balancing and Failover is Achieved by Spanning Trunk Groups Over N+1 Telephony Servers

## COMPLETE ADMINISTRATIVE CONTROL AND SECURITY

Exceptional operation, administration and maintenance (OAM) is at your fingertips.

- Web-based Administration
- System Dashboard to Monitor Health of System, Alerts, and Manage Backup Policy
- Reporting and API for Billing and Provisioning
- APIs for Custom User Portals and Administrative Interfaces
- Web Interfaces Protected with SSL

## EXTENSIVE INTEROPERABILITY: CX-C IS THE RIGHT CHOICE FOR ANY CLOUD TELEPHONY ENVIRONMENT

Interoperability is a critical component to your success. Ensure the protection of your investments by selecting a solution that interoperates with your existing and future cloud telephony environment.

- Direct Telephony SIP Integrations
- SIP Media Gateways

| | | |
|---|---|---|
| PLATFORM | **Operating System** | · Red Hat® Enterprise Linux® |
| | **Database** | · IBM® DB2® |
| | **Common Framework** | · Apache™, Tomcat™, Java™, C++, XML, Syslog, SNMP, IMAP |
| | **Scalability** | |
| | Voice and Fax Ports | · 48 to 6,000 |
| | Supported Users | · 1,000 to 1,000,000 |
| | Number of Tenants | · No Limit |
| | Number of Telephony Integrations Per System | · No Limit |
| | Number of Automated Attendant Menus | · No Limit |
| | **Telephony SIP Interfaces** | · Direct Telephony SIP Interfaces |
| | | · SIP Media Gateways |
| | **Multi-Tenant Support** | · Hierarchical and Secure Software Partitioning Model |
| | | · Tenants and Communities |
| | | · All Applications Optimized for Tenant Environment |
| | | · Administrators Partitioned by Tenant |
| | **Resiliency** | |
| | Multi-Server Architecture | · Telephony Servers, Core Server and Application Servers |
| | High Availability | · N+1 Architecture |
| | | · All CX-C Software Components Run in HA Configuration |
| | | · Active/Passive Core Server with Real Time Updates |
| | | · Applications Services Run Load Balanced in an N+1 Configuration |
| | | · Telephony Load-balancing and Failover is Achieved by Spanning Trunks Groups Over N+1 Telephony Servers |
| | Disaster Recovery | · True Geo-redundancy |
| | | · Active/Passive Server Arrangement |
| APPLICATIONS | **Mobile Applications** | · Unified Messaging |
| | | · Single Number Reach |
| | | · Single Mailbox |
| | **Messaging Applications** | · Voicemail |
| | | · Automated Attendant |
| | | · Broadcast Messaging |
| | | · Fax Messaging |
| OAM | **Operation, Administration and Maintenance** | |
| | Web-based Administration | · Support for Multi Levels of Administrators |
| | System Dashboard | · Supports Multiple Locations and Time Zones |
| | Reporting | · Mailbox Usage, Call Session, Port Traffic, Uninitialized Mailboxes, Administrative Active, Message Usage, and Custom Reports (APIs) |
| | Extensibility | · Supports Custom Portals, Allows External Mailbox Management and EMI for Automated Provisioning |
| | Security | · All Web Interfaces Protected with Encryption SSL |
| | | · All Activities are Logged/Audited |
| | | · All Services run as Authenticated Accounts |
| | | · Services use Password Hashing for DB Access |

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