REDCOM VoLTE SUITE

We make VoLTE uncomplicated

Flexible
Works with existing and planned networks with support for multiple signaling protocols.

Cost-effective
Implement only what you need.
No over-investing in unnecessary components.

Reliable
Carrier-grade, high availability cluster with redundancy.

Software-based solution
A complete software solution in a fully virtualized operating environment.

REDCOM is your express lane to Voice over LTE (VoLTE) services. In the race to implement VoLTE, the REDCOM VoLTE Suite is the flexible and reliable solution we bring to providers looking for a total voice solution. Compliance with industry standards ensures that our VoLTE Telephony Application Server (TAS) is easily integrated into your IMS network. Our products stay current with evolving network architecture, paving the way for more voice services.

The REDCOM VoLTE Suite

As mobile operators begin to put voice on their LTE network, it's important to have a reliable and dependable partner with a flexible Application Server. As market demands grow and user needs change, the REDCOM Application Server has the ability to deliver beyond your expectations, providing robust and full-featured services that exist today, as well as support the rapid development and deployment of new, more updated services to meet subscriber demand for tomorrow.

TAS   VCC-AS   SCC-AS

MMTel-AS   IP-SM-GW   IMS Core Interworkings

REDCOM®

www.redcom.com

A complete voice service solution

REDCOM provides powerful service layer applications for VoIP, VoLTE, IMS, and Converged IP/TDM networks that are flexible to meet the needs of any network and subscriber. Our highly scalable software platform brings added value to service providers because of its proven ability to provide current services on legacy networks while simultaneously allowing rapid development of new services for evolving networks.

Our solution is a single bundled product with a number of IMS elements to help you achieve VoLTE.

TAS

VCC-AS

SCC-AS

VoLTE TAS. Flexible, robust, and conforming to 3GPP, our Telephony Application Server is responsible for call establishment and call control.

VCC-AS. This allows operators to make call handovers while maintaining QoS as a mobile phone moves between an LTE and non-LTE Network (GSM or CDMA), for a consistent and seamless subscriber experience. With both IMS and GSM protocols to talk to your MSC, MME, and other network equipment, this solution can help you achieve SRVCC and eSRVCC requirements by ensuring subscriber services regardless of LTE or non-LTE calls. With native CAMEL and MAP interfaces, voice call continuity handovers from LTE to CDMA may also be achieved.

SCC-AS. This flexible and robust element uses methods defined by 3GPP as part of IMS Centralized Services (ICS), calls are anchored in the SCC-AS ensuring consistency. For all calls that are anchored, the SCC-AS acts as a Back-to-Back-User-Agent (B2BUA), establishing call legs to all endpoints from the INVITE to the BYE.

MMTel-AS

IP-SM-GW

IMS Core Interworkings

MMTel. We have the capabilities to provide for feature sets such as Rich Communications Services (RCS).

IP-SM-GW. The IP-Short Message Gateway conforms to 3GPP standards, providing for the delivery of SMS messages between participants.

IMS Core Interworkings. I/S/E-CSCF. Our solution is deployed behind your P-CSCF and interworks with your existing LTE network elements, providing you with a full end-to-end VoLTE solution.

Contact Information

REDCOM Laboratories, Inc.
One REDCOM Center
Victor, NY 14564
585-924-6500
sales@redcom.com
www.redcom.com

Talk to the experts at REDCOM

REDCOM provides a full suite of solutions for service providers, all designed to be highly scalable and flexible. REDCOM's powerful, self-contained switching systems allow carriers to significantly cut CapEx, while our Service Layer solutions improve carrier efficiency and empower revenue growth. Contact a REDCOM solution advisor today to learn more about how we can help you evolve your network.

REDCOM®

www.redcom.com