



# EXPLORE THE POSSIBILITIES OF VOLTE

**DO YOU WANT TO LAUNCH VOLTE SERVICES,  
BUT ARE UNSURE WHERE TO START?  
INTRODUCING TATA COMMUNICATIONS'  
VOLTE TRIAL PROGRAMME.**

VoLTE (voice over LTE) is becoming the go-to for network operators and customers alike. Delivering better quality calls and faster connections, without additional cost, it's the next generation of wireless network technology.

If you're considering adding VoLTE to your service portfolio, enroll in Tata Communications' trial to test VoLTE interoperability and find the solution that's right for you.

- Explore, experiment and deploy according to your business priorities
- Leverage a turnkey platform for LTE service trial and production
- Test a range of VoLTE call and roaming scenarios, as well as SIP/URI routing and addressing
- Take a phased approach with our modular programme that allows you to test interoperability for a range of solutions

## EMBRACE THE NEXT GENERATION OF VOICE

VoLTE is here to stay, and if you're not yet onboard now's the time to experiment with the capabilities that will give you the competitive edge. With a turnkey testing and production platform, Tata Communications' VoLTE trial programme gives you the opportunity to do just that.

Taking a phased approach means you can test interoperability for VoLTE transit, and interconnection to terminate a mobile HD Voice call to various types of end point. Try various roaming solutions, including local breakout, home routing and regional breakout. Test SIP URI routing and address function support for IMS transit.

With Tata Communications' VoLTE trial programme, you're free to experiment, transferring lab-verified capabilities into a production environment for testing. In addition to VoLTE, we'll work with you to lab-test support for international VoWiFi capabilities, with regional breakout to our voice network for improved Quality of Experience.

### Why choose Tata Communications for your VoLTE trial - and beyond?

- We know Voice, and we know VoLTE
- We're a global carrier, with an IPX hub that connects 85% of the world's on-net mobile users
- We'll help eliminate the cost of in-house infrastructure
- With direct connections to 90% of LTE operators and 90% of IMS-committed operators, you can choose who you want to test with

### VOLTE TRIAL FEATURES

- Offer international IMS VoIP, with seamless breakout to and from PSTN
- Provide HD Voice for VoLTE users, with HD Voice across fixed and mobile technologies
- Test your ENUM routing evolution
- Support from dedicated solution engineers and test plan managers in partner time zones
- Experiment in our built-for-purpose lab facility
- Add call trace, CDR and reporting
- In production, VoIPX interconnects with other network operators that want to test and launch VoLTE and HD Voice services

## TAKE A PHASED APPROACH TO YOUR VoLTE ENABLEMENT

### Phase 1: HD Voice interoperability

**Goal:** verify ability to support VoIP with HD Voice interoperability

**Objectives:**

- Deploy lab-to-lab connectivity
- Run HD VoIP test plans; verify VoIP configuration and codec support
- Verify codec-based routing (i.e. HD end-to-end transcoding if required)
- Move HD Voice out of lab, into production environment

### Phase 2: Support for likely call scenarios

**Goal:** production test VoLTE-to-VoLTE calling and test interoperability of VoLTE originated calls to off-net HD Voice

**Objectives:**

- End-to-end VoLTE/HD call session
- VoLTE user to non-VoLTE user mobile HD
- VoLTE user to fixed HD
- VoLTE to non-HD destination

### Phase 3: VoLTE roaming

**Goal:** support users and visitors with VoLTE roaming, and test VoLTE feature in roaming scenarios

**Objectives:**

- Verifications of roaming enablement preferences: LBO, S8HR and RBO
- Inbound roaming verification from VoLTE VPLMN trial partner
- Outbound roaming verification from VoLTE HPLMN trial partner

### Phase 4: Routing & addressing evolution

**Goal:** verify support for SIP URI routing and addressing functionalities in IMS/VoLTE

**Objectives:**

- Ensure full VoLTE benefits
- SIP/URI/Tel URI translation
- Tier 0/1 and tier 2 ENUM architecture
- Alternative/supplement to Pathfinder (lower cost and better performance)

**For more information, talk to your local Tata Communications accounts team.  
Or sign-up on our website: [www.tatacommunications.com/volte-trial-signup](http://www.tatacommunications.com/volte-trial-signup)**

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