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BHUTAN TELECOM LIMITED

BT SERVICES

VoLTE

Launched 28 November 2022



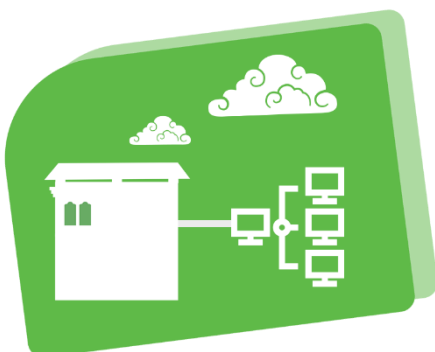
**A JOLT OF
VoLTE –
EXACTLY
WHAT THE
PHONE
DOCTOR
ORDERED**

VoLTE

- VoLTE stands for Voice over LTE.
- It enables users to make voice calls over a 4G LTE network.
- Offers higher-quality voice calls compared to 2G and 3G networks.
- Features include HD voice and faster call setup times.

Clear communication is key to understanding and better operation, and better execution. If what we say must be heard then what is said and heard must be very clear.

There's a big long gap between patience, and ignorance. It's called difference. For the commonsensically operating, this is what assimilates sensibility. For the ignorantly operating, it does not make much of a difference. The smartly operating mind has no room for ignorance, or patience that is misplaced. Well, what about the smartly operating phone? We





keep saying it's the age of IT and the knowledge worker, don't we? In this case, there absolutely should be no room for patience, ignorance or a prolonged letdown.



Nothing stays the same. Things keep evolving to suit the needs of the changing times. From the criers on mountain tops shouting to relay communication (crude but necessary), to Graham Bell inventing the first practical telephone (breakthrough and inventive), to where we are today (high sophistication). We keep improving on what we have and keep re-inventing.

High efficiency is the demand of the day and it is accompanied by style and sophistication in delivering that performance. Dropped calls, static-ridden crackling calls, calls that don't connect instantly, erratic data usage – age comes to all and the world of tech too demonstrates this in its applications. But where high tech falls short, it is high tech itself that swings in and saves the day.

Ladies and gentlemen — VoLTE!



What is VoLTE?

VoLTE stands for Voice over Long-Term Evolution or Voice over LTE. VoLTE offers the possibility to voice call via the LTE/4G mobile network. As the name suggests it is a technology utilized by phones and service providers like BTL to transmit our voices during calls. The names 4G and LTE refer to the same technology and can be used interchangeably.

Always there for you



What are the benefits of VoLTE?

Users may recall a few seconds of pause before the phone starts ringing (on the recipient's side). An explanation for this is; earlier, 4G was limited to surfing the Internet. While it came to making calls, your phone would automatically switch to 3G or 2G. With VoLTE, that delay is gone.

On a 2G or 3G network, calls and data are separated and cannot work simultaneously. For example, during a phone call on a 2G network, incoming text messages/SMS will arrive only after your call is over. On a 4G LTE network, both calls and data work in unison, meaning that a text message will arrive instantly even during a call.

The use of VoLTE enhances coverage across the globe by seamlessly leveraging efficient network technology.

Fast call set-up, High voice quality and reduced background noise: VoLTE is your powerful alternative over the current 2G/3G voice service. It delivers superior voice clarity, faster data speeds, and extended battery life. With VoLTE, you can immediately notice the difference in overall call quality on both ends. You might also notice your calls getting connected much faster.

Hello HD quality calls, bye-bye crackling noisy calls: New and improved tech is continually out in the market, customer expectations and standards have grown. We want our TVs in HD, our laptops, our computers and phone display/camera picture quality in HD; nothing less. Why then should we stop ourselves from getting our calls in HD quality? VoLTE is sometimes also called 'HD Voice' for its clarity compared to traditional cellular calls. So say goodbye to crackly voices and dropped calls. VoLTE uses super-fast 4G networks to give you crystal-clear audio, almost like you're talking face-to-face. No more struggling to hear what the other person said; no missing out important parts of a conversation.



More benefits of VoLTE

VoLTE is a powerful alternative to the current 2G/3G voice service, delivering superior voice clarity. We have said that. But it also facilitates faster data speeds, and extended battery life.

- The phone remains in the 4G/LTE network during voice calls.
- You can use 4G/LTE data services, such as web surfing and tethering, while simultaneously making - and receiving calls.
- When calling over LTE, you don't use extra data but call minutes. You pay for the voice call service, not the data you use. No more data pauses while

you're talking! VoLTE lets you seamlessly switch between chatting and using data like browsing, emailing, or even watching videos. It's like multitasking (minus the haste and panic) and it keeps you connected to both people and information at the same time.

- VoLTE opens up a whole new world of fun communication. Think high-quality video calls like you're in the same room, or lively group chats with friends and family. Share awesome pictures and videos, work on projects together, and experience a whole new level of connection that goes beyond just talking.

- VoLTE enhances coverage across the globe by seamlessly leveraging network technology.

Good gets better, to give you the best



5G is the latest gig in mobile town. But even as the service provider (BTL) drives hard and fast to deploy everything 5G everywhere; it continues to maintain the existing 4G LTE infrastructure to fill in the gaps in coverage. As such VoLTE is highly supported and recommended. All 5G phones are backwards-compatible with 4G LTE and thus with VoLTE as well.

As 2G and 3G are sunseting across the globe everything connected to these old networks stops working. It is important to provide options for customers using traditional voice services. The rollout of VoLTE will enable customers to use next-generation technology to cater to their voice call needs. In tech-speak or business lingo, Sunsetting is the intentional phasing out or termination of something, and in business, the term is used often regarding brands, partnerships, agreements, policies, and hardware and software.

Most operators (globally) are already in the process of shutting down 3G, with closure of 2G not very far behind.



Attachment Detachment



Don't we all just love romanticizing - people, memories, places, things...? But when we step out of that bubble and join the real

world; logic, effectiveness, sense and reason shall prevail and guide and steer us through life to ease the hurdles that spring up along the journey.

We loved the rotary phone but it's been one for the antiques now for a very long time, and the push-button phones/telephones are well on its way to retirement. Customers want the best in services and this is simply what it's all about. In with the new, the better and more efficient; and out with the old.

Upgrading to phones that support VoLTE will happen voluntarily as the demands of the day compel one's desire for better services to act on it (that is, upgrade your phones). It is believed (taking

into consideration trends and related behavior), most people, even those still using older phones without VoLTE support-will upgrade voluntarily before their network (service provider) requires them to do so. And no surprises there at all, but most of these phones are compatible with 5G networks as well.

Maintaining equipment for old networks (2G, 3G) for a few customers who continue using old-fashioned and outdated phones is a cost-intensive affair. A more convincing reason is also because there is a point where the hardware/equipment is just not able to keep up with the more and more modern infrastructure that keep coming out.

References: *BTL; androidcentral.com; iotbusinessnews.com; sony.co.uk*



For Support & Enquiry
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www.bt.bt