

Benefits of Voice Over Internet Protocol (VoIP) in any Industry/ Organization

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The aim of this write-up is to clear your doubts about VoIP services and how you can improvise the mode of communication in your organization or industry in a better yet affordable way.

Before we begin keep in mind that VoIP services are available everywhere in the market today and they can fulfil all your communicational needs with an ease. Whether you are owning multiple business and your industries have multiple branches running around the cities or states. VoIP transforms everything by connecting with all the clients and employees alike.

What is VoIP?

VoIP is short for Voice over IP. VoIP is a technology that allows telephone conversations to be carried over the Internet. VoIP allows companies to reduce their telecommunications costs using internet calling services instead of traditional phone lines. VoIP can also help keep employees connected with their work, even when they are away from the office.

There are two main types of VoIP: Business VoIP and Home VoIP. Business VoIP is designed for businesses and enterprise organizations who need to communicate across large networks. Home VoIP is designed for individuals and families who want to make calls from their homes.

VoIP can be used in various ways, including through a VoIP phone or a VoIP phone system. A VoIP phone system consists of a router, a firewall, and other components that allow users to make and receive calls from anywhere in the world. A VoIP phone consists of a handset and a base unit. The base unit connects to the router, which connects to the Internet. A VoIP phone system includes call routing, customer service, and voice quality monitoring software.

Some companies have found that VoIP is an effective way to reduce costs associated with telecommunications services.

Benefits of VoIP in Business

VoIP is an affordable and efficient phone system that can improve communication between employees and customers. VoIP allows businesses to eliminate expensive bills, reduce call time, and improve communication quality. VoIP offers several other benefits, such as decreased office noise levels, increased efficiency, and better customer service.

- Reduced Office Noise Levels: VoIP technology allows businesses to communicate without the high levels of office noise that can be disruptive. VoIP calls can be placed from anywhere in the office, eliminating the need for noise cancellation headsets.
- Increased Efficiency: VoIP technology is more efficient than traditional telephony because it uses voice over IP (or "VoIP") instead of traditional copper phone lines. This allows businesses to save on costs associated with phone lines, such as installation and maintenance fees.
- Better Customer Service: VoIP technology offers better customer service. It eliminates the need for long wait times on the phone line and decreased call quality due to noise levels or interference. With VoIP, customers can make their calls from any device or location – even outside of the office – which makes it to stand out from the rest of the communication systems.

Below graphical representation¹ shows the major difference between with and without VoIP technology in terms of different codec.

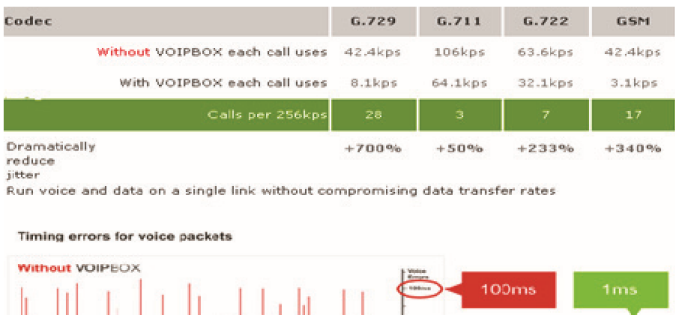


Figure 1 Fayyaz, Yasir & KHAN, Dost & FAYYAZ, Faisal & Qadri, Salman & Naweed, M. & Fahad, Muhammad. (2016). The Evaluation of Voice-over Internet Protocol (VoIP) by means of Trixbbox. International Journal of Natural and Engineering Sciences. 10. 33-41.

How to Establish and Manage a VoIP Network?

VoIP has become an increasingly popular communication tool, both in business and personal settings. VoIP allows individuals to make phone calls using their computer or phone instead of using traditional telephone lines. This not only saves on costs but can also create a more seamless communication experience. VoIP can also be used with other communication tools, such as email and chat programs to create a more integrated experience for your employees.

To get started with VoIP, you first need to establish a network. This network will allow your users to make and receive calls from anywhere in your company. You can use a VoIP service provider to help you set up your network or do it yourself using free tools online. Once your network is up and running, you'll need to manage it properly to ensure optimal performance. Here are some tips for establishing and managing a VoIP network:

- ✓ Make sure your users have the necessary software. Most VoIP services require users to install computer software to make and receive calls. Ensure all your users have this software installed before beginning your network installation process.
- ✓ Establish strict call quality guidelines.

Golden Tips for Successful VoIP Implementation

1. Establish a business investment plan for VoIP: VoIP can be expensive to implement, so make sure your company has a good business investment plan for it before starting to make any investments. VoIP can provide significant benefits such as improved call quality, lower costs, and increased productivity.
2. Consider your conference needs: VoIP can be used for audio and video conferencing, so consider your conference needs when planning your implementation.
3. Choose the right VoIP provider: Choosing the right VoIP provider is essential for success with VoIP. Review various providers' offerings and find one that best suits your needs.
4. Minimize disruption: Disruptions during VoIP implementations can cause significant losses in productivity and revenue. Make sure to plan carefully and minimize any disruptions during the transition period.
5. Train employees on how to use VoIP: Employees will need some training on how to use VoIP properly to take full advantage of its capabilities and features. Be prepared to invest in training resources and ensure that everyone uses VoIP effectively.

With the launch of our cloud-based business phone system, we are poised to revolutionize the way small businesses operate. Vitel Global is a company that provides cloud-based office communication solutions that provide professional features for companies who need to communicate with their employees. The company was founded with a belief that small businesses can be successful and offer quality services while also being cost-effective on a large scale. With an emphasis on providing a high-quality product at a reasonable price. Follow us on [Linked In](#)

