

# UNIFIED COMMUNICATIONS TOP REASONS TO USE AN SBC WITH A CLOUD-BASED HOSTED PBX PHONE SYSTEM



## WHY SBCS ARE INDISPENSABLE

SBCs connect the company's communication infrastructure to the public Internet, hosted PBX service providers and/or private vendor network. They have multiple critical roles in maintaining and securing the network.

## ENSURING QUALITY

SBCs enhance call quality and ease of use. They allow the PBX to be located on the LAN with a private IP address, normalize hosted PBX signaling between the PBX and the service provider, and provide signification routing capabilities. SBCs also ensure interoperability of VoIP and video devices, testing VoIP lines, monitoring call quality, and more.

## MONITORING TRAFFIC

SBCs work by using pattern analysis to spot unusual activity, such as a DoS attack that manifests in the form of an overwhelming amount of traffic from a single IP address or a number of machines that are simultaneously trying to make requests from the same server.

## STAYING UP TO DATE ON POSSIBLE THREATS

Hackers are constantly becoming more sophisticated, changing and upgrading their methods to bypass older security measures. SBC vendors update their protocols just as quickly to ensure that security breaches don't happen.

Users simply need to install all updates and patches as soon as they are made available to maintain an effective defense program.

## SBCS AREN'T A LUXURY— THEY'RE A NECESSITY FOR HOSTED PBX

When it comes to voice systems, firewalls just aren't enough to ensure quality and security. SBCs are critical to protecting businesses' communications systems and ensuring that every call performs like users need and expect. Disruptions in communication systems can impact your business operations and cost you money.

It's surprising to see that so many companies don't use SBCs; but as technology grows more complex and security concerns become more threatening, the interoperability and security capabilities of SBCs will prove to be a necessity for quality hosted PBX.



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