

Interoperability

Interoperability is the ability of a system or a product to work with other systems or products without special effort on the part of the customer.

Internet Telephony Service Providers (ITSP) come in many different deployment forms with many different policies and utilizations of SIP. In addition, SIP itself is written in a manner that is open for interpretation and some 40+ RFCs in use, all with some form of interpretation. In the end, this can be very challenging for many deployments.

For example, a few common variations seen from provider to provider are REFER handling, P-asserted identity, diversion, privacy, various address of record requirements, authentication, URI routing, domain routing, trunk group parameters, history-info and many more.

Each provider may use similar commonly deployed carrier grade vendor equipment, but these devices can be configured in a number of different solutions that meet the needs of the individual service provider. Making each provider uniquely different.

The SBC allows the IP-PBX and ITSP to standardize on one implementation of SIP trunking. The SBC does all of the configuration and adjustment to the corresponding services as well. This allows for greater flexibility for the enterprise deployment to be independent of any external factors imposed by the service provider.