



Overview

VoxOUT allows Voxbone customers to terminate calls to local emergency service numbers for VoxDID numbers in selected countries. In many countries, the capability to offer access to emergency services is not only a regulatory obligation but also a “must-have” from a commercial standpoint. Enterprises considering migrating their telephone service to a next-generation voice provider require the possibility to call the local emergency service. VoxOUT offers instant access to local emergency services from multiple countries delivered over a single central interconnection. As with all Voxbone services, moves, ads and changes can be managed efficiently online. This service is far less complex and costly than alternatives, such as interconnecting with a local service provider in every country or installing gateways with a local PSTN or ISDN line. The service complies with local regulations in each country in which it is available.

How it Works

Voxbone operates as a licensed telecommunications service provider in more than 55+ countries. In all of these countries, Voxbone is interconnected with a local PSTN service provider to collect incoming calls on local telephone numbers. VoxOUT enables outgoing calls to emergency services via these phone numbers. At the core of this service, Voxbone maintains routing tables that map local addresses to local emergency service numbers. If an enduser of a Voxbone customer makes a call to the emergency service, Voxbone determines the location of the end user in its address database and looks up the E.164 telephone number of the corresponding local emergency service. After the emergency number has been translated into a local telephone number, Voxbone delivers the call to the local PSTN, on which it is routed to

its destination. The service works with any SIP-compatible service platform. All links with local emergency centers are regularly tested, and our network operations center is available 24/7 to help local emergency service centers determine an end-user’s location.

Service Applications

VoxOUT is typically used by communications service providers that want to offer carrier-grade telephony services outside their home market. VoxOUT enables them to provide a two-way voice service that complies with local telecom regulations. Examples of service-provider customers include:

- Cloud communications providers
- Hosted PBX providers
- Global B2B telecommunication services providers
- Enterprise telephony network integrators
- SIP trunking service providers

Technical Specifications

Protocol	SIP
Codecs	G711a, G711µ, G729
Originating CLI	E.164
DTMF	RFC 2883
Authentication	RFC 3261 or private IP on dedicated link

