



Overview

VoxAPI, or Voxbone's Application Programming Interface, is a Web module that enables Voxbone customers to automate the ordering and configuration of phone numbers and channels. It is a SOAP and REST-based web service that allows Voxbone customers to integrate number ordering and configuration functions with any of their front or back-office applications. Communications between customer applications and Voxbone's API are secured through HTTP basic authentication over SSL.

Functionalities

- Retrieve Voxbone's coverage and price list
- Retrieve a full direct inward dialing (DID) list in an account
- Retrieve stock for a specific area
- Map numbers to capacity groups, channels and URIs
- Configure codecs and allowed services
- Retrieve a current account balance
- Purchase credits for Vox800 and VoxSMS
- Purchase or cancel numbers
- Purchase channels
- Retrieve Voxbone's POP list
- Check and track order status
- Download CDRs
- Manage regulation requirements

Development Support

To support its customers, Voxbone offers a set of tools and value-added support services, including:

- **Sandbox:** Voxbone provides customer development teams with an isolated testing environment for VoxAPI integration allowing testing of all applications before going live.
- **Extensive documentation :** WSDL/WADSL, code examples and libraries in various programming languages. For more information refer to: <http://sandbox.voxbone.com/sandbox-v3/documentation.jsf>
- **Voxbone development team support:** During implementation, Voxbone's development team is available to assist developers via the company's online ticketing and support system.

Benefits

By using VoxAPI, customers realize the following benefits:

- **Cost savings through automation:** No resources are needed for provisioning or configuration.
- **Cost savings through better stock management:** No number inventory is needed, because numbers can be purchased and activated in real time.
- **Integrate the online resale of white labeled Voxbone services quickly and efficiently.**
- **In Voxbone's annual customer satisfaction survey, customers rate the Web-based management tools, including VoxAPI and VoxCOMMAND, as one of the most outstanding aspects of Voxbone's services.**

Technical Specifications

Interfaces	XML/SOAP, XML/REST, JSON/REST
Access control	Login / Password
Authentication security	HTTP basic authentication over SSL
Encryption	HTTPS
Failover	Yes, transparent for customer

