

API WEB SERVICES OVERVIEW



Alianza gives your team access to a development server and code samples for rapid prototyping, and our engineers are available to help you get a fast start.

The Alianza API Web Services are a powerful set of tools that can be used to control all aspects of end-user accounts. Alianza’s API lets you quickly build and deploy VoIP functionality within your Web-delivered solutions – securely, quickly and reliably. Integrating Alianza’s hosted voice platform with other third-party applications (such as business processes, databases, Web Services and workflows) drives new revenue and adds value to your offerings.

Alianza gives your team access to a development server and code samples for rapid prototyping, and our engineers are available to help you get a fast start. Your programming staff is able to integrate with the Alianza hosted voice platform in days or weeks, not months.

TECHNICAL NOTES

The Alianza VoIP platform Web Services consist of a SOAP-compliant XML API, which contains 17 core services. Among other capabilities, these services set up accounts, create and retrieve billing transactions, and configure and manage a variety of options including call handling, soft phones, and E911 service. (See table below.) Each of the 17 services encompasses methods with similar functionality or methods that apply to like products. You can query the Web Service Definition Language (WSDL) directory to find a definition of each service and the objects supported and/or required by each method.

To maximize security, the Alianza API requires a Client Code, Security Key and Authorization Token. Together, these are used to validate the authenticity of access to the services and limit the load on the Alianza database.

Service	Description	# of Methods
Account	Account creation and modification	24
Billing	Creation and retrieval of billing transactions	4
Call Handling	Phone number and ext. call handling; forwarding, voice mail	2
Calling Plan	Creation and view of calling plans for extension and accounts	36
Country	Query of geographic information	8
Dialing	Creating and changing of dialing restrictions	4
E911	E911 service in the US (availability per contract specifications)	10
Extension	Extension creation and management	13
Misc	Various miscellaneous functions	9
Monthly Fee	Activation and deactivation of monthly fees	6
Notification	End-User (on-login) notification system	1
Phone Number	Phone number management	19
Search	Various search functions	6
Site	Site creation and management	7
Soft Phone	Soft phone management	9
Staging	Account staging and demo management	9
Transaction	Transaction creation and application	3
17 Total Services		170