

CDYNE 411 Web Service

Version 2.1

WSDL: <http://ws.cdyne.com/cdyne411ws/cdyne411.asmx?wsdl>

Testing URL: <http://ws.cdyne.com/cdyne411ws/cdyne411.asmx>

Developer Resources: http://wiki.cdyne.com/wiki/index.php?title=Cdyne_411

Product Web Page: <http://www.cdyne.com/products/411-directory.aspx>

Description: Utilize this XML Web Service to keep customers and contact information current. CDYNE 411 enables any company to add U.S. and Canadian directory assistance services digitally to any application.

Users are able to tap into the highest quality data from the largest online directory network in the world. Information is seamlessly collected from private and publicly available contact data and provided in a way that is easy to connect to – as well as backed by CDYNE’s 24/7 uptime guarantee.

The service can be built into a user’s system or software to make it easy to do instantaneous lookups in the middle of a transaction, when entering lead information into a CRM, or while managing a call queue.

CDYNE 411 has five different methods available to update data. “Reverse Phone” is used to return first name, last name, business name, and address by phone number. “Reverse Address” returns names and phone numbers based on address. CDYNE 411 also offers “Find Business”, “Find Person”, and “Find Neighbor”.

Required License Information: The *LicenseKey* parameter that is seen in most operations of this Web Service is required to authenticate users invoking this Web Service. You must obtain a valid License Key. You can sign up for this service by using the ‘Buy Now’ button located on the Product Web Page (see link at top of this page) or by contacting CDYNE for a limited Trial License Key.

EXAMPLE:

Licensing parameter seen in numerous operations	Sample Input
LicenseKey	F01d89fd-5155-5455-5585-e84ab8de8591

Operations:

- FindBusiness
- FindNeighbor
- FindPerson
- ReverseAddress
- ReversePhone

▼ FindBusiness

Operation: FindBusiness Input		
Parameter Name:	Data Type	Sample Input
BusinessName: Input name of business to search for.	<i>String</i>	CDYNE Corporation
City: Input City where business is located.	<i>String</i>	Chesapeake
State: Input State (abbreviation or full) where business is located.	<i>String</i>	Virginia
Zip: Input ZIP Code where business is located.	<i>String</i>	23320
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-All records found will be returned.

Operation: FindBusiness Output		
Parameter Name:	Data Type	Sample Output
Status: Returns string indicating successful or not.	<i>String</i>	Success
Count: Returns number of records found for that business.	<i>Integer</i>	2
FirstName: Returns first name. (if available)	<i>String</i>	
LastName: Returns last name. (if available)	<i>Integer</i>	
BusinessName: Returns name of business.	<i>String</i>	CDYNE Corporation
PrimaryNumber: Returns street address number of business.	<i>String</i>	2125
Street: Returns street name where business is located.	<i>String</i>	Smith Ave
City: Returns City where	<i>String</i>	Chesapeake

business is located.		
State: Returns State where business is located.	<i>String</i>	VA
Zip: Returns ZIP Code where business is located.	<i>String</i>	23320
Phone: Returns phone number of business. (if available)	<i>String</i>	7575449510

▼ FindNeighbor

Operation: FindNeighbor Input		
Parameter Name:	Data Type	Sample Input
FullAddress: Input street name and number.	<i>String</i>	2125 Smith Ave.
City: Input City to search.	<i>String</i>	Chesapeake
State: Input State to search.	<i>String</i>	VA
Zip: Input ZIP Code to search.	<i>String</i>	23320
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-All records found will be returned.

Operation: FindNeighbor Output		
Parameter Name:	Data Type	Sample Output
Status: Returns string indicating successful or not.	<i>String</i>	Success
Count: Returns number of records found.	<i>Integer</i>	2
FirstName: Returns first name. (if available)	<i>String</i>	
LastName: Returns last name. (if available)	<i>String</i>	
BusinessName: Returns name of business. (if available)	<i>String</i>	CDYNE Corporation
PrimaryNumber: Returns street address number of business.	<i>String</i>	2125
Street: Returns street name.	<i>String</i>	Smith Ave
City: Returns City.	<i>String</i>	Chesapeake
State: Returns State.	<i>String</i>	VA
Zip: Returns ZIP Code.	<i>String</i>	23320
Phone: Returns phone number. (if available)	<i>String</i>	7575449510

▼ FindPerson

Operation: FindPerson Input		
Parameter Name:	Data Type	Sample Input
LastName: Input first name of person to find.	<i>String</i>	Doe
FirstName: Input last name of person to find.	<i>String</i>	John
Street: Input person's address.	<i>String</i>	Smith Ave
City: Input City where person is located.	<i>String</i>	Chesapeake
State: Input State where person is located.	<i>String</i>	VA
Zip: Input ZIP Code where person is located.	<i>String</i>	23320
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-All records found will be returned.

Operation: FindPerson Output		
Parameter Name:	Data Type	Sample Output
Status: Returns string indicating successful or not.	<i>String</i>	Success
Count: Returns number of records found.	<i>Integer</i>	1
FirstName: Returns first name.	<i>String</i>	
LastName: Returns last name.	<i>String</i>	
BusinessName: Returns name of business. (if available)	<i>String</i>	CDYNE Corporation
PrimaryNumber: Returns street address number where person is located.	<i>String</i>	2125
Street: Returns street name where person is located.	<i>String</i>	Smith Ave
City: Returns City where person is located.	<i>String</i>	Chesapeake
State: Returns State where person is located.	<i>String</i>	VA
Zip: Returns ZIP Code where person is located.	<i>String</i>	23320
Phone: Returns listed phone number.	<i>String</i>	7575449510

▼ ReverseAddress

Operation: ReverseAddress Input		
Parameter Name:	Data Type	Sample Input
FullAddress: Input street name and number.	<i>String</i>	2125 Smith Ave.
City: Input City to search.	<i>String</i>	Chesapeake
State: Input State to search.	<i>String</i>	VA
Zip: Input ZIP Code to search.	<i>String</i>	23320
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-All records found will be returned.

Operation: ReverseAddress Output		
Parameter Name:	Data Type	Sample Output
Status: Returns string indicating successful or not.	<i>String</i>	Success
Count: Returns number of records found.	<i>Integer</i>	1
FirstName: Returns first name. (if available)	<i>String</i>	
LastName: Returns last name. (if available)	<i>String</i>	
BusinessName: Returns name of business. (if available)	<i>String</i>	CDYNE Corporation
PrimaryNumber: Returns street address number.	<i>String</i>	2125
Street: Returns street name.	<i>String</i>	Smith Ave
City: Returns City.	<i>String</i>	Chesapeake
State: Returns State.	<i>String</i>	VA
Zip: Returns ZIP Code.	<i>String</i>	23320
Phone: Returns listed phone number.	<i>String</i>	7575449510

▼ ReversePhone

-**Required:** 10-digit phone or 7-digit phone & Area Code or 7-digit phone & State.

-**Optional:** Toll-free search: 7-digit phone & State = TF.

Operation: ReversePhone Input		
Parameter Name:	Data Type	Sample Input
PhoneNumber: Input phone	<i>String</i>	7575449510

number to search.		
AreaCode: Input Area Code.	<i>String</i>	757
State: Input State.	<i>String</i>	VA
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-All records found will be returned.

Operation: ReversePhone Output		
Parameter Name:	Data Type	Sample Output
Status: Returns string indicating successful or not.	<i>String</i>	Success
Count: Returns number of records found.	<i>Integer</i>	1
FirstName: Returns first name. (if available)	<i>String</i>	
LastName: Returns last name. (if available)	<i>String</i>	
BusinessName: Returns name of business. (if available)	<i>String</i>	CDYNE Corporation
PrimaryNumber: Returns street address number.	<i>String</i>	2125
Street: Returns street name.	<i>String</i>	Smith Ave
City: Returns City Name.	<i>String</i>	Chesapeake
State: Returns State.	<i>String</i>	VA
Zip: Returns ZIP Code.	<i>String</i>	23320
Phone: Returns listed phone number.	<i>String</i>	7575449510