

## CDYNE Death Index Web Service

Version 3

**WSDL:** <http://di3.cdyne.com/DeathIndexService.svc?wsdl>

**Developer Resources:** [http://wiki.cdyne.com/index.php/Death\\_Index](http://wiki.cdyne.com/index.php/Death_Index)

**Product Web Page:** <http://www.cdyne.com/products/death-index.aspx>

**Description:** Utilize this Web Service to verify registration forms or to cleanse data that could possibly belong to the deceased. CDYNE Death Index is a simple Web Service used to cross-reference the Social Security Death Index. It is updated directly from the United States Social Security Administration (SSA). This service eliminates the possibility of an applicant trying to use a deceased person's identification. Any business offering credit can implement this fast and easy fraud control into its system for point-of-entry or batch processing.

CDYNE's master file is updated directly from the Social Security Death Index Database once a week, so users have the most recent information available from the U.S. Government. Search by Social Security Number or by a specific name or date range.

Death Index is part of CDYNE's suite of fraud detection products that include Postal Address Verification, Phone Verification, and Phone Notify! for complete customer record validation.

**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-5155-5455-5585e84ab8de8591

**Operations:**

DeceasedBySSN

SearchDeceasedInfo

▼ **DeceasedBySSN**

Operation: DeceasedBySSN Input		
Parameter Name:	Data Type	Sample Input
<b>SSN:</b> Input social security number to verify.	<i>String</i>	123456789
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: DeceasedBySSN Output		
Parameter Name:	Data Type	Sample Output
<b>BirthDate:</b> Returns birth date.	<i>DateTime</i>	1918-08-16T04:00:00Z
<b>DeathDate:</b> Returns death date.	<i>DateTime</i>	1986-05-01T04:00:00Z
<b>FirstName:</b> Returns first name.	<i>String</i>	John
<b>LastName:</b> Returns last name.	<i>String</i>	Doe
<b>MiddleName:</b> Returns middle name.	<i>String</i>	Michael
<b>NameSuffix:</b> Returns name suffix. (if available)	<i>String</i>	Jr.
<b>SSN:</b> Returns response in text.	<i>String</i>	123456789
<b>Verified:</b> Returns if verified.	<i>String</i>	V = (VERIFIED) Report verified with a family member or someone acting on behalf of the family. P = (PROOF) Death certificate observed.
<b>ZipLastResidence:</b> Returns last known ZIP Code.	<i>String</i>	The output is no longer populated. The corresponding information is no longer included in the SSA Death Master File (DMF).
<b>ZipLumpSumPay:</b> Returns last known lump sum pay.	<i>String</i>	The output is no longer populated. The corresponding information is no longer included in the SSA Death Master File (DMF).
<b>ErrorText:</b> Returns error text if an error is in search.	<i>String</i>	No Error, Trail Period Up, Invalid Input, No Match
<b>Return Code:</b> Returns number code of error text.	<i>Int</i>	0, 1, 2 , 3

▼ **SearchDeceasedInfo**

Operation: SearchDeceasedInfo Input		
Parameter Name:	Data Type	Sample Input
<b>LastName:</b> Inputs last name.	<i>String</i>	Doe
<b>FirstName:</b> Inputs first name.	<i>String</i>	John
<b>StateAbbrev:</b> Inputs state abbreviation.	<i>String</i>	This input search parameter will have no effect on the search results. The corresponding information is no longer included in the SSA Death Master File (DMF).
<b>GreaterThanYear:</b> Sets minimal year for search.	<i>String</i>	2010
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

-Will return up to 50 records.

Operation: SearchDeceasedInfo Output		
Parameter Name:	Data Type	Sample Output
<b>BirthDate:</b> Returns birth date.	<i>DateTime</i>	1918-08-16T04:00:00Z
<b>DeathDate:</b> Returns death date.	<i>DateTime</i>	1986-05-01T04:00:00Z
<b>FirstName:</b> Returns first name.	<i>String</i>	John
<b>LastName:</b> Returns last name.	<i>String</i>	Doe
<b>MiddleName:</b> Returns middle name.	<i>String</i>	Michael
<b>NameSuffix:</b> Returns name suffix. (if available)	<i>String</i>	Jr.
<b>SSN:</b> Returns response in text.	<i>String</i>	123456789
<b>Verified:</b> Returns if verified.	<i>String</i>	V = (VERIFIED) Report verified with a family member or someone acting on behalf of the family. P = (PROOF) Death certificate observed.
<b>ZipLastResidence:</b> Returns last known ZIP Code.	<i>String</i>	The output is no longer populated. The corresponding information is no longer included in the SSA Death Master File (DMF).

<b>ZipLumpSumPay:</b> Returns last known lump sum pay.	<i>String</i>	The output is no longer populated. The corresponding information is no longer included in the SSA Death Master File (DMF).
<b>ErrorText:</b> Returns error text if an error is in search.	<i>String</i>	No Error, Trail Period Up, Invalid Input, No Match
<b>Return Code:</b> Returns number code of error text.	<i>Int</i>	0, 1, 2, 3