



Using Number Porting Data for Fraud Mitigation, Risk Assessment, Call Blocking and Call Labeling



Identity theft is at an all-time high. More than \$38B was lost to fraud in 2023¹, and technology makes it easier and faster to be done. Accounts can be opened and closed quicker, bank accounts can be drained faster, and healthcare information can be obtained through virtual identification.

Today, businesses rely on the phone number as the primary personal identifier to help protect consumers, assess risk and mitigate fraud. But, with more than 450K porting transactions daily in the U.S. alone, there needs to be a simple, seamless and secure way to make sure that businesses are not using old phone number data to make new determinations on approving a transaction or releasing information.

In the past, phone number porting data in the U.S. could only be used for routing, rating, billing and network maintenance. Recognizing that the phone number has become a critical way for businesses to validate and verify a customer's identity, certain key number portability data elements can now be used to assist companies involved in law enforcement and, public safety, Telephone Consumer Protection Act (TCPA) compliance and, fraud mitigation and risk assessment activities, now including those who offer services like call blocking and call labelling in an effort to prevent robocallers.

PortData Validate

In the United States, PortData Validate is the only authorized service that companies can use to access accurate and up-to-date phone number porting information for fraud mitigation and risk assessment.

Introduction

PortData Validate is the nation's authoritative service for businesses that need to quickly and accurately determine the current service provider and porting history of a phone number in their assessment of a customer's identity. The service also provides access to porting intelligence information that may be used to flag a call or text for additional vetting and assist with identifying whether a call should be blocked or labeled. Information from the *PortData Validate* service comes from the Number Portability Administration Center (NPAC), the only database of accurate, up-to-date ported phone number data in the United States.



The Power Of Number Porting Data When Assessing Risk



Services

Notify

Notify is intended for customers who need access to historical data and prefer to be notified of all changes to the PortData Validate Data Elements. At set-up, historical data is made available via an sFTP site to a Reseller or a Direct Customer. Number porting changes are then sent directly to customers via a Restful API. The data will be sent at an interval chosen by the customer. Some may choose to receive it every few hours, other may choose to receive it every minute.

Query

Query is an optional service for Direct and Indirect customers who would like to pull the most recent number porting information via an online query. Service allows for 5 queries per second.

Report

Report is a service available to all customers who still want access to porting data but are satisfied with the data being updated less frequently than the other services. Customers may subscribe to the Report service and receive one or more of PortData Validate Data Elements associated with a Telephone Number in a pre-defined report at specified intervals.

¹<https://cfca.org/telecommunications-fraud-increased-12-in-2023-equating-to-an-estimated-38-95-billion-lost-to-fraud/>

Become a customer today

Direct

Receive **PortData Validate** data elements to assess risk for yourself or your customers. Porting Data cannot be shared with any other entities.

Reseller

Receive **PortData Validate** data elements, process it and provide that data to your customers who must also be a PortData Validate Indirect customer.

Indirect

Receive **PortData Validate** data elements from your Reseller and use it to assess risk for yourself or for your clients. Porting Data cannot be shared with any other entities.



PortData Validate

The following **PortData Validate** Data Elements are available:

	PortData Validate Data Elements	Definition
1	Telephone Number (TN) or Block or Code	10-digit number, 7-digit block (NPA-NXX-X) or 6-digit code (NPA-NXX)
1	SPID	4 character identifier of the Service Provider associated with the phone number
2	AltSPID*	4 character identifier of the Alternate Service Provider associated with the phone number
3	Last Alt SPID*	4 character identifier of the Last Alternate Service Provider associated with the phone number
4	Line Type	Wireless, wireline, VoIP or other
5	Activity Type	Activity that occurred (e.g. port, SPID migration, code update or block delete)
6	Date Changes	Date of changes to SPID, AltSPID, Last AltSPID, or Line Type for a phone number
7	History**	Changes, if any, in the past year to SPID, AltSPID, Last AltSPID, or Line Type for a phone number

* information provided when available ** History Only available with Notify Service

Notes:

- Customers are permitted to use this data for fraud mitigation and risk assessment, including blocking or flagging potential robocalls and robotexts. Any other user or source of this data is prohibited
- Direct, Resellers and Indirect customers must qualify for the service, register and contract directly with iconectiv
- Indirect customers must subscribe to the Base Service (Notify) to be eligible to receive the porting data through a Reseller

email: portdatavalidate@iconectiv.numberportability.com

Phone: 844-711-4871

about iconectiv

Your business and your customers need to confidently access and exchange information simply, seamlessly and securely. iconectiv's extensive experience in information services, digital identity and numbering intelligence helps you do just that. In fact, more than 5K customers rely on our data exchange platforms each day to keep their networks, devices and applications connected and 2B consumers and businesses protected. Our cloud-based information as a service network and operations management and numbering solutions span trusted communications, digital identity management and fraud prevention. For more information, visit www.iconectiv.com. Follow us on X and LinkedIn.