



# Data Partnerships with SpyCloud

## Integrate the Most Comprehensive Database of Recovered Stolen Credentials & PII in the World

Looking to build or enhance your solutions with the most extensive collection of exposed data that is being traded on underground markets? SpyCloud specializes in quickly recovering assets that have been exposed in third party breaches. We aren't just a cyber security company; we are a data company with the most comprehensive and accurate database of recovered stolen credentials available.

Protecting consumers and employees is all about getting actionable data in a timely manner. If your offering isn't powered by the right data (in a format your product can quickly consume), you're at a clear competitive disadvantage in the market.

SpyCloud utilizes human intelligence (HUMINT) and automated scanning to gain access to the same data the fraudsters use. Through our proprietary technology and tradecraft, we can share

exposed data with our partners before it is used to cause harm, typically months or even years before it becomes available to "dark web scanners."

Stolen credentials and account takeover are problems that are growing at an alarming speed. The use of stolen passwords is the #1 hacking tactic for the fourth year in a row.<sup>1</sup> The National Institute of Standards and Technology (NIST) has taken notice, setting forth requirements for federal systems to check passwords against exposed credentials and encouraging all organizations serious about security to follow suit.

The earlier 3rd party breaches are discovered, the faster you can mitigate the risk and prevent collateral damage - but it all depends on the quality and quantity of data you have at your fingertips.

## Bring Better Solutions to Market Faster with the **SpyCloud API**

### Primary Use Cases



Productize SpyCloud data through our API for new revenue streams



Protect businesses and/or consumers from compromise due to exposed credentials



Measure and assess risk due to exposed credentials

<sup>1</sup>2017 - 2020 Verizon Data Breach Investigations Report

# Data Delivery Methods

## SpyCloud API and S3 Bucket

We start with millions of raw breached assets recovered daily, then distill and transform them into high-quality, JSON formatted and deduplicated data that is ingested into our database. Using the SpyCloud API or S3 bucket, product developers have immediate access to our easy-to-read, historical, and real-time dataset to quickly develop products that consume our data. Your database is always up-to-date and reliable.



## The SpyCloud Difference

### ✔ Human Intelligence, Rock-Solid Data

SpyCloud offers the most comprehensive, cleansed data available to make your product effective at mitigating the harm that can be caused by exposed credentials and empowering consumers to take immediate action if a breach is discovered. We gain access to data that is being traded in the underground, providing it to our partners well before it reaches the "dark web." Other companies only use automated means of obtaining breach data from the dark web, public forums and paste sites, which means the data is commoditized and of little value to your customers as it has most likely already been used against them.

### ✔ Access to Decrypted Plaintext Passwords

SpyCloud manages the most expansive database of decrypted plaintext passwords in the industry. Once a new breach is recovered

from the underground, we use specialized hardware and proprietary IP to decrypt the encrypted password hashes. With over 21 billion passwords recovered today—more than 19 billion of them in plaintext format—SpyCloud gives you the ability to prove user exposures and automate password exposure checks across internal systems.

### ✔ Largest Database, Most Matches and Most Industry-Leading Partners

Because of our proprietary use of both HUMINT and automation tools, SpyCloud boasts the largest database and the highest match rate of accounts being sold on underground markets. No wonder we were named Best in Show at the 2019 Digital Banking Conference, the 2017 NATO Defense Innovation Challenge and Finovate 2017. It's also one of the reasons leading companies such as Cisco, Avast and AlienVault rely on SpyCloud to protect their employee and customer accounts.

102<sup>+</sup> BILLION ASSETS, & COUNTING

25<sup>+</sup> BILLION EMAILS

21<sup>+</sup> BILLION TOTAL PASSWORDS

19<sup>+</sup> BILLION PLAINTEXT PASSWORDS

5X NEARLY 5X THE MATCHES OF THE INDUSTRY AVERAGE

+ PII: SSNS, ADDRESSES, PHONE NUMBERS & OVER 150 DIFFERENT DATA TYPES

Enhance your solutions with the best data possible.  
**Connect with one of our partner experts today.**



# SpyCloud

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