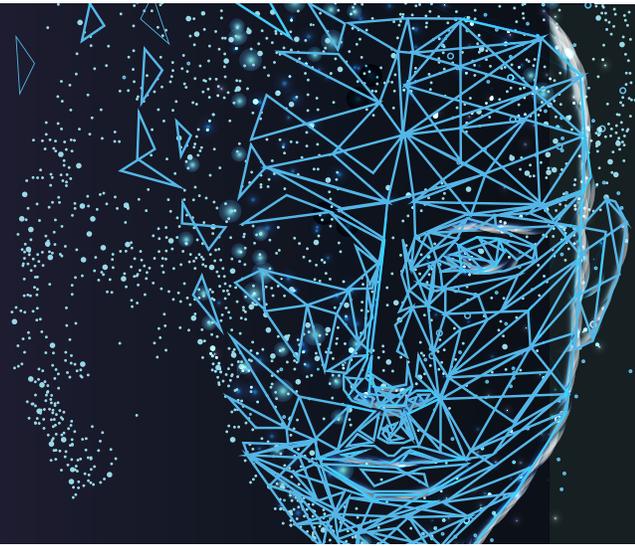




**Stop identity theft.  
Protect your data.  
Uncover attacks in real time.**



The last few years have seen an increasing number of data breaches, as hackers, organized criminals, and nation states attack companies and individuals around the world. Stolen personal data is sold in black markets; billions of usernames and passwords are published, and terabytes of documents are exposed in the deep and dark web. This is impacting trust, loyalty and the customer relationship, damaging brand reputation, affecting market share and revenue, creating legal and financial liabilities and compliance challenges, impacting stock prices and costing billions in fraud and financial losses.

4iQ helps reduce the risk created from exposed identity information found in open sources on the surface, social, deep and dark web. We continuously index new sources, growing a dataset that today consists of over 14 billion identity attributes, sometimes detected months before they even become available to the general public.

**4iQ IDTheft™** enables Identity theft protection companies, security vendors, cyber insurance providers, account takeover prevention vendors and Enterprises to monitor identities and receive alerts as soon as any exposures are detected. They can also search for exposed identities by domains, brands, and other attributes in order to reset passwords, stop account takeovers, lock-down networks and protect assets.

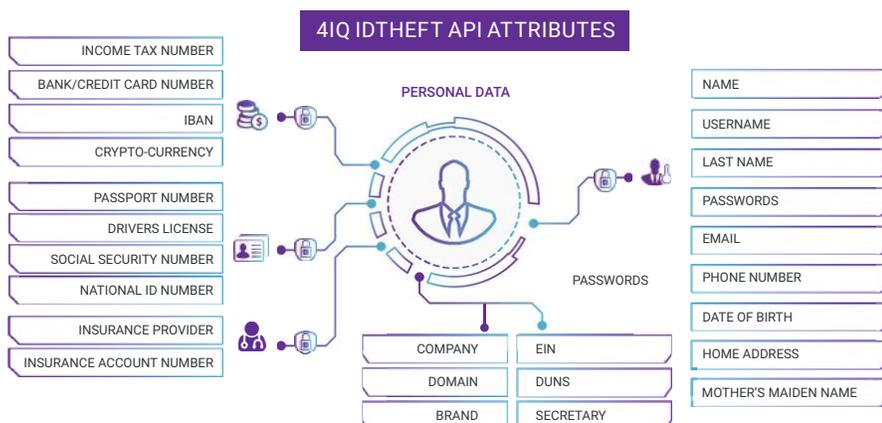
**14+Billion**  
Identity Attributes

**13Billion**  
Records found on the Deep and Dark Web in open and restrictive communities.

**3Billion**  
Clear text passwords

**Thousands**  
Hacktivism Operations

**300K+**  
large, unknown and accidental breaches



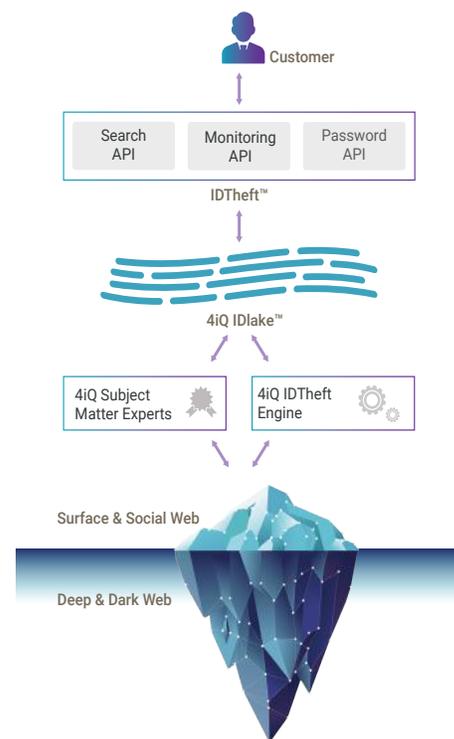
“ With the rise in hacks, we were challenged to protect millions of consumer identities across the globe. Now, using 4iQ IDTheft™, consumers are alerted in real time if their personal information is compromised, before any harm is done. 4iQ has allowed us to scale with better data and more attributes. ”

- One of the Largest Identity Theft Providers in the US

The **4iQ IDTheft™ Platform** helps enterprises save millions of dollars in fraud prevention and stops account takeover before it happens. The platform includes an engine that automatically scans surface, social and deep web sources while 4iQ Subject Matter Experts analyze and monitor chatter in IRCs, semi-restricted forums and other dark web sources looking for exposed data. This information is indexed in the **4iQ IDLake™** of stolen identities (PII) and confidential documents leaked or lost in the deep and dark Web. Only hashed information is registered and matched with newly exposed, hashed data.

The **4iQ IDTheft™ REST APIs** enable search and monitoring of exposed identities within the **4iQ IDLake™**:

- » **Monitoring API:** registers identities individually or in bulk for ongoing monitoring in the deep and dark web. Responses are immediately returned to the application. You can also set up alerts to get notified when a new event/document is detected in your callback URL. Requests and responses are in JSON format.
- » **Search API:** scans the **4iQ IDLake™**. It will run general and specific searches on one type of event / document. For example, breaches, bins, the deep and dark web, etc.
- » **Password API™:** checks for exposed passwords, whether in plaintext or hashed, as well as other personal identifiable information (PII) when basic identity attributes (such as user name, email, full name, etc.) are provided. The API confirms matching password results supporting the NIST 800-63b requirements.



### Full Coverage

4iQ scans open web sources, underground forums, black markets, and remote corners of the deep and dark web to curate the industry's largest collection of 14+ billion records.



### Fresh & Accurate Data

4iQ indexes well-known and unknown breaches, exposures and accidental leaks. We remove duplicates, fakes, verify data, calculate risk and normalize attributes for accurate reporting.



### Private & Secure

For maximum privacy and security, customers only register hashed identities. We hash exposed records we collect, and send alerts as soon as a match is found.



### In Production @ Scale

Protecting millions of users, 4iQ today powers some of the largest IDTheft Protection service providers operating in the US and around the world.

Find out how 4iQ can help protect your data and stop identity theft in real-time.

[www.4iq.com](http://www.4iq.com) | [info@4iq.com](mailto:info@4iq.com)

