Beyond the Storm: Successfully Navigating a Post Breach Landscape

With 1touch.io, you can respond to data breaches in a way that eases regulator concerns, limits damage to customers and users, reduces communication costs, and increases transparency to a more knowledgeable client base.

Data breaches are a severe threat to any organization managing sensitive data; they occur when malicious players access privileged information unlawfully. Even companies that invest heavily in cybersecurity are vulnerable to these attacks, as almost a third of data breaches involve phishing attacks.

Data breaches evolve over days - and even weeks – prior to discovery. Companies are often unsure as to the type of compromised information, the extent of the invasion, and the scope of exposed network elements. In such situations, the first step is to contain and limit the data breach's damage and ensure there will be no future recurrence. Previous cases also teach us that **regulators pay close attention not only to what companies did before a breach occurred but also the nature of their response**: how they upgraded and modified their system configuration to handle such situations. To support this post-breach response, accurate mapping of the compromised information and network is essential.

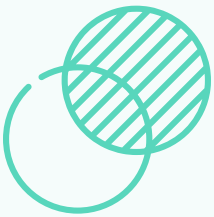
A 2015 cyberattack on a major US organization exposed the records of almost 80 million customers, subjecting them to the risk of identity theft. The attack began with a single employee who responded to a phishing email. Soon, the **attackers were able to expand to other systems linked to the original compromised account, escalate their privileges, and eventually access the company's data warehouse**.

> ***One industry-standards review found that close to 40% of workers untrained in cybersecurity failed phishing tests - so data breaches might occur even in security-conscious companies.***

1touch.io helps you manage your post-data-breach response by:

Identifying compromised data, network segments, and repositories

Investing data security resources effectively to avoid data breach recurrence



Providing customers with immediate transparency

Assuring regulators that you are in full control of breach extent & scope

Even as the company became aware of the breach, they did not initially realize the scope and range: ascertaining what type of information was compromised.

A regulatory body examined not only the company's behavior before the breach, to check how it protected itself against such attacks, but also how it responded following the attack. Many companies respond to attacks by beefing up cybersecurity indiscriminately; however, without precise analysis tools like 1touch.io, companies are left in the dark regarding both the extent of the damage and the appropriate response. Many companies will invest heavily in overzealous security on sensitive information, like financial records, while neglecting to shield personally identifiable information that malicious players can exploit. Companies do this because personal information is gathered in many different channels and points of contact and stored over different systems and in different ways – rendering it extremely difficult to both locate and protect.

In their reporting on the attack, the New York Times wrote that the personal information was vulnerable because companies did not protect the data in its organizational network in the same way it protected information shared outside the company. 1touch.io **tools locate sensitive information in all instances, over the entire system – going so far as to analyze and monitor data exchanged over network nodes**, providing total transparency and control over data dissemination.

The Identity Theft Resource Center predicts that as consumers become more knowledgeable about how data breaches work, they will expect companies to provide more information about the specific types of leaked data and demand more transparency. Many companies will struggle to provide this transparency because they do not know precisely which personal information is located in their system and saved. 1touch.io maps organizational systems and the connections between channels of information and data containers.

With **1touch.io**, you can respond to data breaches in a way that eases regulator concerns.

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