



isolutions

CYBERA

«isolutions supported us with high professional competence to develop the MMP for CYBERA. In view of the time pressure, the constructive solution proposals adapted to the situation were particularly helpful.»

Nicola Staub, CEO

CYBERA's mission is to prevent financially motivated cybercrime. As a scalable and secure information platform, it serves in particular the exchange between banks and law enforcement agencies. For this purpose, CYBERA develops effective technology solutions for victims, police authorities, banks, fintechs and crypto companies around the world.

Cybercrime causes enormous damage and is lengthy and difficult to track as a result of being spread across multiple countries. CYBERA changes the approach and fights cybercrime directly at the source.

Initial situation

The most common cybercrime attacks (online frauds) all involve financial transactions. Law enforcement experience, research and organizations such as Interpol, recommend the fastest possible and global response to increase the chance of blocking such stolen assets. This response is enabled by the CYBERA platform for victims of cybercrime. In addition, reported data on cybercriminals is transferred to secure watchlists and made available to prevent bank transactions and other payment intermediaries.

Innfactory AG validated the new platform by developing an MVP. isolutions accompanied the transfer to the MMP and the implementation of a secure store for the safe storage of bank account information as well as the optimization and addition of API management to the app. The software developers from isolutions had the appropriate know-how to realize a fast and efficient solution and were accordingly ideally suited for the implementation.

Solution

After several months of in-house development, Innfactory AG commissioned isolutions to shape the partially developed MVP into an MMP. On behalf of Innfactory AG, a platform was implemented as a web app based on Microsoft technologies. The platform runs in the Azure Cloud on multiple stages and is multilingual. The current releases are rolled out via a modern CI/CD pipeline. There is a performant API for the CYBERA platform, through which banks can register independently and find the corresponding documentation

versioned. Thanks to the Azure API management used, the app can be continuously developed further, while existing connected partners (e.g. banks) check their transactions via API in parallel. The app was developed with high security standards and several external audits.

Benefits

- A suspicious case can be checked, reported and recorded in the system by any person or partner.
- Affected persons who have already lost money can file a criminal complaint online, which can be further processed by the police institutions.
- This leads to time savings and a lower hurdle for criminal charges, as well as a higher success factor.
- For partners such as banks, a secure and privacy-compliant search in the pool of suspicious cases (watchlist) is possible manually or via API to check transactions before execution. This can prevent money from being lost during a transfer (prevention of cybercrime).

250

reported alerts in the first month - upward trend

50

criminal charges generated in the month



first internal cross matches already after one month

Partner profile

#weshapethefuture

Founded in the civil defense cellar by three visionaries from the Bernese Oberland, isolutions has been accompanying companies into the digital future since 1999 as the largest dedicated Microsoft one-stop-shop in Switzerland. We integrate Microsoft services in a way, that adds value and has a positive change in the corporate culture.

Supported by over 200 passionate minds consisting of business and technical consultants, change makers as well as software developers, architects and cloud natives, we are driven to peak performance by our customers and their challenges. Together with customers from different industries, we build the bridge to the tech giant Microsoft. All with one goal: To create the best employee and customer experience in order to achieve competitive advantages.

Customers love our inspiring corporate culture, which is contagious. It successfully supports and overcomes organizational or technological challenges. Together with them, we shape the future of teams, products, companies and entire industries.

Locations

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