structr

Kerberos
Compliance Für Alle

INNOVATION IN COMPLIANCE AND RISK MANAGEMENT

Kerberos Relies on Structr

0.7

3

88

420
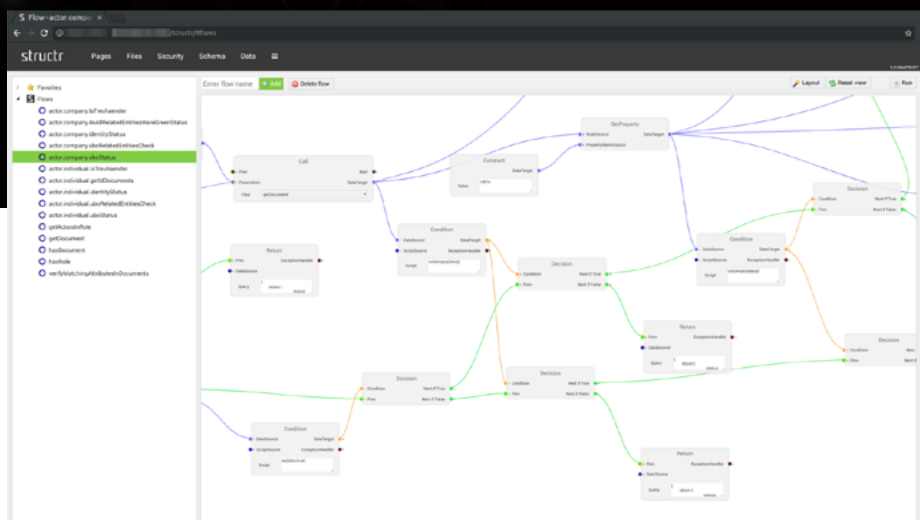
2020

Industry

Legal Technology – Risk Management / Anti-Money Laundering

Challenges

- High compliance requirements and documentation requirements

- Opaque network for multi-tier companies (e.g. franchise systems)

Solution

- Graph-based Compliance Management System

- Automated case management for the detection of money laundering

- Audit-proof compliance through real-time documentation

- Distance-Measurement tool for establishments to critical relevant places

- Automated APIs to regulatory authorities

Benefits

- Quick and easy processing of suspected cases

- Automated Reports in realtime

- Easy adaptation to regulatory changes

- Solutions in "Reg-Tech" area

- Anti-Money Laundering and
  Risk- & Compliance Management

- Consulting in "Know your customer"
  and "Data awareness" processes

CUSTOMER

Kerberos

Kerberos is a system- and service provider of solutions in the so-called „Reg-Tech" area with a focus on regulatory technologies for money laundering prevention, risk- and compliance management.

Kerberos' clients iclude well-known companies from the financial and non-financial sectors, such as sports betting providers and real estate agents.

The team of compliance managers, lawyers, litigation specialists, analysts and IT specialists combines comprehensive legal knowledge with intelligent technological solutions.

To not only keep pace with the increasingly complex and rapidly changing regulatory requirements for companies, but also to be able to proactively provide their customers with comprehensive services, tailor-made risk management and compliance solutions and software applications, Kerberos has chosen the Structr graph application platform.
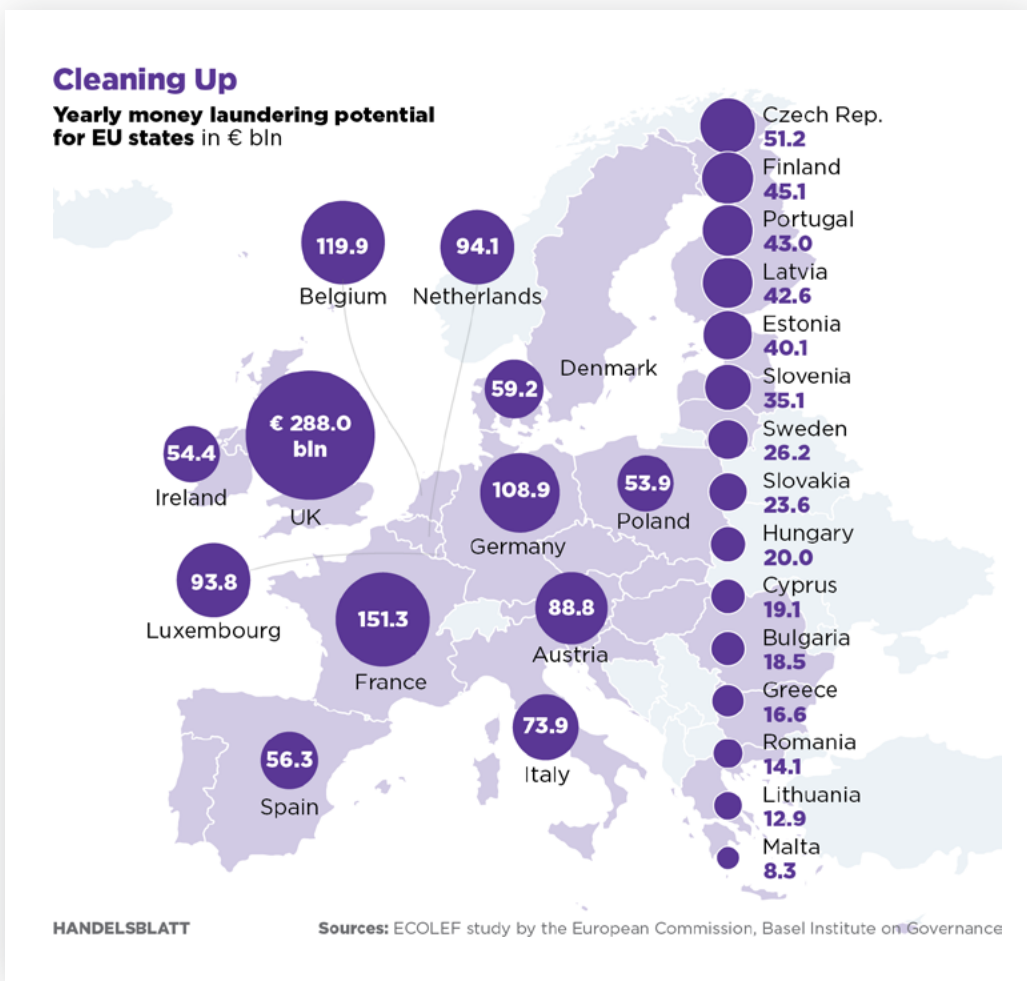
Money laundering and corruption

The German Federal Ministry of Finance estimates that up to 100 billion euros are illegally generated in Germany every year through money laundering.

Criminals in particular use socalled "risk industries," such as the real estate sector or gambling industry.

Operators are subject to strict documentation and auditing requirements, and they must demonstrate transparency in how security and detection systems are implemented in their organizations. Affected market participants turned to compliance expert Kerberos for an IT solution to check and document suspected cases of money laundering and, if necessary, report them to the authorities.

Cleaning Up
Yearly money laundering potential for EU states in € bln

Country	€ bln
Belgium	119.9
Netherlands	94.1
Denmark	59.2
UK	€ 288.0 bln
Ireland	54.4
Germany	108.9
Poland	53.9
Luxembourg	93.8
France	151.3
Austria	88.8
Italy	73.9
Spain	56.3
Czech Rep.	51.2
Finland	45.1
Portugal	43.0
Latvia	42.6
Estonia	40.1
Slovenia	35.1
Sweden	26.2
Slovakia	23.6
Hungary	20.0
Cyprus	19.1
Bulgaria	18.5
Greece	16.6
Romania	14.1
Lithuania	12.9
Malta	8.3

HANDELSBLATT **Sources:** ECOLEF study by the European Commission, Basel Institute on Governance

Yearly money laundering potential for EU states in € bln

Solution

Kerberos Compliance Management Systems has set itself the goal of optimally supporting its customers with its comprehensive portfolio of services and systems and giving them the means not only to withstand this pressure, but also to generate a competitive advantage from mastering the complex organizational and financial challenges through extensive automation.
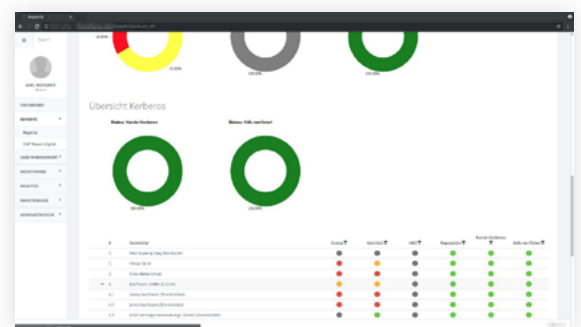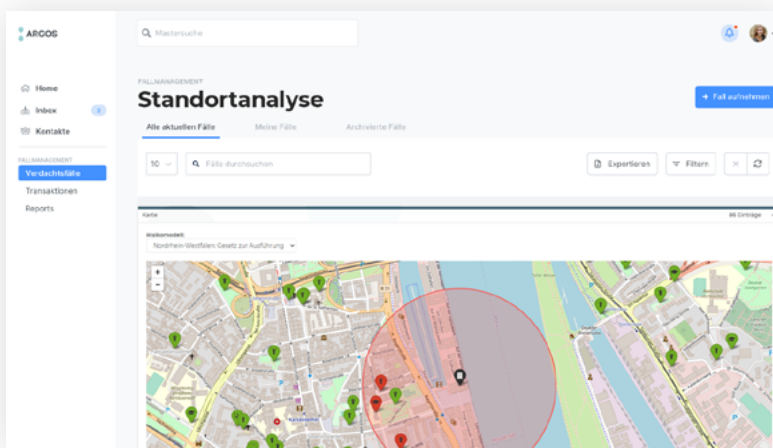
In order to achieve the necessary agility, Kerberos relies on Structr for the development of the systems, which with its outstanding possibilities as a strategic development and integration platform based on a graph database can be described as currently the most innovative graph application platform.

Structr enables efficient mapping, documentation and evaluation of the entire network of actors and companies with a high degree of automation through a data model that can be adapted at runtime.

Further low-code components such as a flow engine and an integrated modular system for web applications enable extremely agile development with the involvement of end users.

The flexibility of the platform and its outstanding speed in complex graph queries enable cost-efficient individual development and cost-effective operation, which enables good scalability from individual entrepreneurs to multinational corporations.

Christian Tsambikakis, Managing Director of Kerberos Compliance Management Systems, is enthusiastic: „The use of Structr has significantly reduced the time until the first proof-of-concept. For us, Structr is a strategic partner who implements even difficult requirements quickly and efficiently. [...] Our software system becomes more powerful and powerful with every month and is the basis for the services that Kerberos provides for its customers".

Geotool for compliance with minimum distances to facilities worth protecting, specified in legal regulations.

Real-time generated report on company network with traffic light system.

For a provider of sports betting, a first system has been developed with which data can be recorded via technical interfaces and manual entry, workflow-supported, quality-assured and automatically evaluated in real time, visualized and archived in an audit-proof manner. The system currently manages around 220,000 people, companies and documents and around 1,000,000 relationships.

Up to now, the volume has already grown to 36 GB, and the trend is still rising.

Outlook

In addition to the integration and real-time evaluation of transaction flows, further improvements and extensions are already being worked on.

In the future, test and decision processes will be defined by specialist users and lawyers themselves with the help of Structr's flow editor, so that the intermediate step of implementation by software developers is no longer necessary and thus the often time-consuming coordination between users and developers.

In addition, the implementation of numerous other processes and procedures and thus a much more advanced automation in the planning. „We have by no means exhausted the potential of the technical solution architecture. Each new development module shows that we have found the perfect technology for our unique approach in the industry," says Tsambikakis.
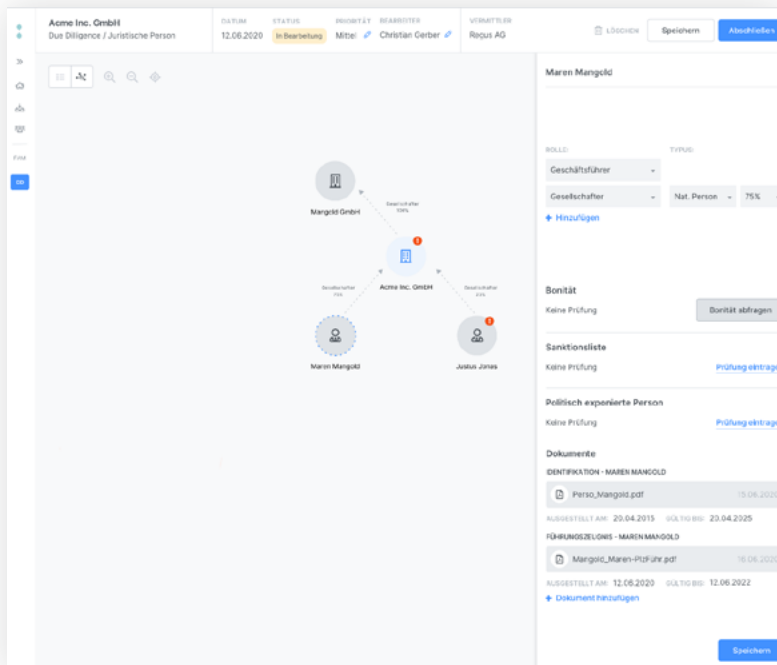
Tool for KYC and network analysis based on Structr and Neo4j.
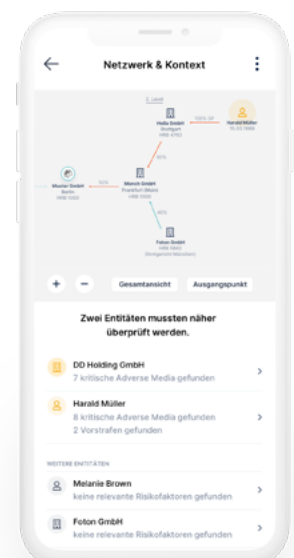
"Structr is a strategic partner for us, who is able to implement even difficult requirements quickly and efficiently. Our software system becomes more and more powerful with each month."

—— Christian Tsambikakis
Managing Director – Kerberos Compliance Management Systems

__ABOUT STRUCTR

The graph experts at Structr GmbH offer an integrated low-code development and runtime environment for web-based enterprise applications in which the entire definition of an application, from data model to business logic to user interface, is mapped in a graph database.

This unique approach enables unprecedented speed and flexibility in application development and maintenance, resulting in enormous time and cost savings. Structr stands for sustainable information management that creates good working environments.

The Structr team supports customers worldwide in projects and creates integrated, holistic solutions that can be easily expanded and adapted to individual circumstances at any time.