alyne   **LeanIX**

Alyne & LeanIX:
A Powerful Integration for Better Governance, Risk and Compliance

Integrate **Alyne's GRC SaaS Solution** and **LeanIX's Enterprise Architecture Suite** to drive greater value across four core use cases: **Technology Risk Management, Operational Resilience, Financial Services Compliance and IT Governance.**

ABOUT THE PAPER

Leveraging the connection between LeanIX's Enterprise Architecture Suite (EAS) and Alyne's next-generation Governance, Risk and Compliance (GRC) SaaS solution, enterprises are able to drive value within their organisation across four core use cases. Learn more about the benefits of connecting these cloud-based platforms for real-time risk data exchange, designed to greatly improve enterprise architecture (EA) management as well as compliance and risk management processes.

Overview of Technical Integration

LeanIX and Alyne are proud to offer our customers a powerful and easy integration between the LeanIX Enterprise Architecture Suite (EAS) and Alyne's next-generation Governance, Risk and Compliance (GRC) Software-as-a-Service solution. This integration combines state of the art technology from two of Germany's industry-leading enterprise software companies.

The integration between LeanIX and Alyne enables data exchange with the potential to enhance risk analysis across the enterprise's IT value chain.

LeanIX's scalable repository of IT assets (e.g., applications, IT components, business capabilities, etc.) gives Alyne users a transparent overview of relations and dependencies in their IT landscape to create a foundation for governance and risk initiatives. Information is contextualised to business concerns and accessible to all users in an enterprise.

In return, LeanIX users benefit from Alyne's Compliance Assessments and Risk Management dashboards to identify and mitigate vulnerabilities in their IT landscape. These indicators give risk and assurance professionals a more comprehensive way to understand risk data, all mapped to relevant regulations, laws, and industry standards.

LeanIX EAS

- Business Capabilities
- Processes
- Applications
- IT Components
- Technical Stacks
- Providers

- Meta Information
- Lifecycle
- Relations
- Dependencies
- Business Support
- Responsibilities

- Risk Information in Real Time
- Continuous Compliance and Maturity Score
- Operational Resilience

Alyne SaaS

- Risk Management Dashboard
- Risk Mitigation Measures
- Monte Carlo Simulations
- Internal Control Framework
- Compliance Assessments
- Application Governance

High-level overview of the technical integration between LeanIX EAS and Alyne.

4 Uses Cases for Better IT Risk Management with LeanIX and Alyne

The integration between LeanIX's Continuous Transformation Platform and Alyne's Governance, Risk, and Compliance (GRC) SaaS extends the value proposition of each product. By connecting these cloud-based platforms, data silos impeding both transformation planning and GRC processes are greatly minimised. Higher volumes of real-time risk data are exchanged, thereby improving enterprise architecture (EA) management as well as compliance and risk management processes.

There are many processes that benefit from uniting GRC and EA, but here are four use cases that demonstrate particular value:

IT Risk Management

Technology is deeply embedded in almost every process in modern businesses. It is no surprise that technology is also a key driver for operational risk to the entire organisation.

LeanIX helps enterprise architects to detect risks arising from obsolete IT components and prevents users from drowning in complexity by showing which applications and IT components are planned, or already are, phased out. The connection with Alyne integrates LeanIX's technology with cutting-edge risk management capabilities

into a fully fledged *Plan-Do-Check-Act* Risk Management process for technology and enterprise risks.

Technology assets described in LeanIX are leveraged to launch periodic risk control self-assessments and risk review processes in Alyne. Qualification and quantification of risks can be calculated using Alyne's Risk Analytics. Identified risks and mitigations are tracked in the Alyne Risk Register, and risk KPIs such as Value at Risk (VaR) can be delivered back to Fact Sheets in LeanIX to enable risk-informed decisions.
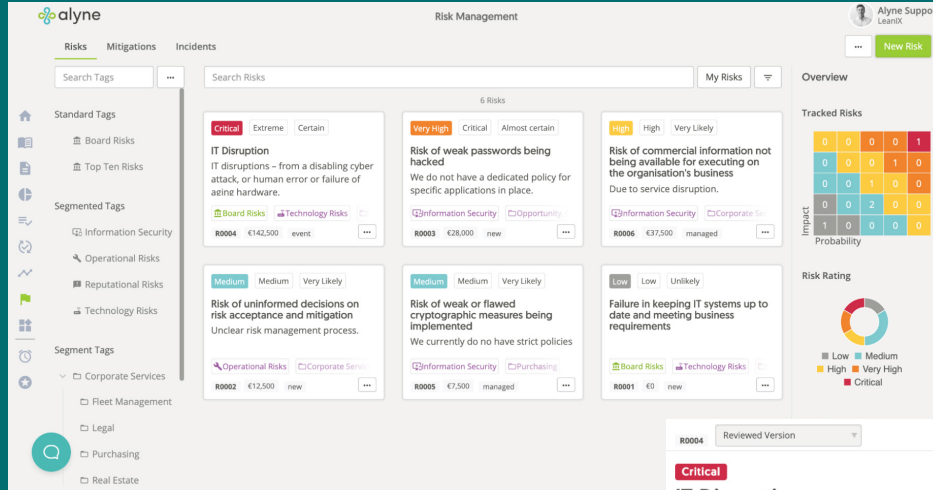
Showing all relevant risks, Alyne's real-time Risk Dashboard is directly connected to LeanIX for full transparency into interdependencies.
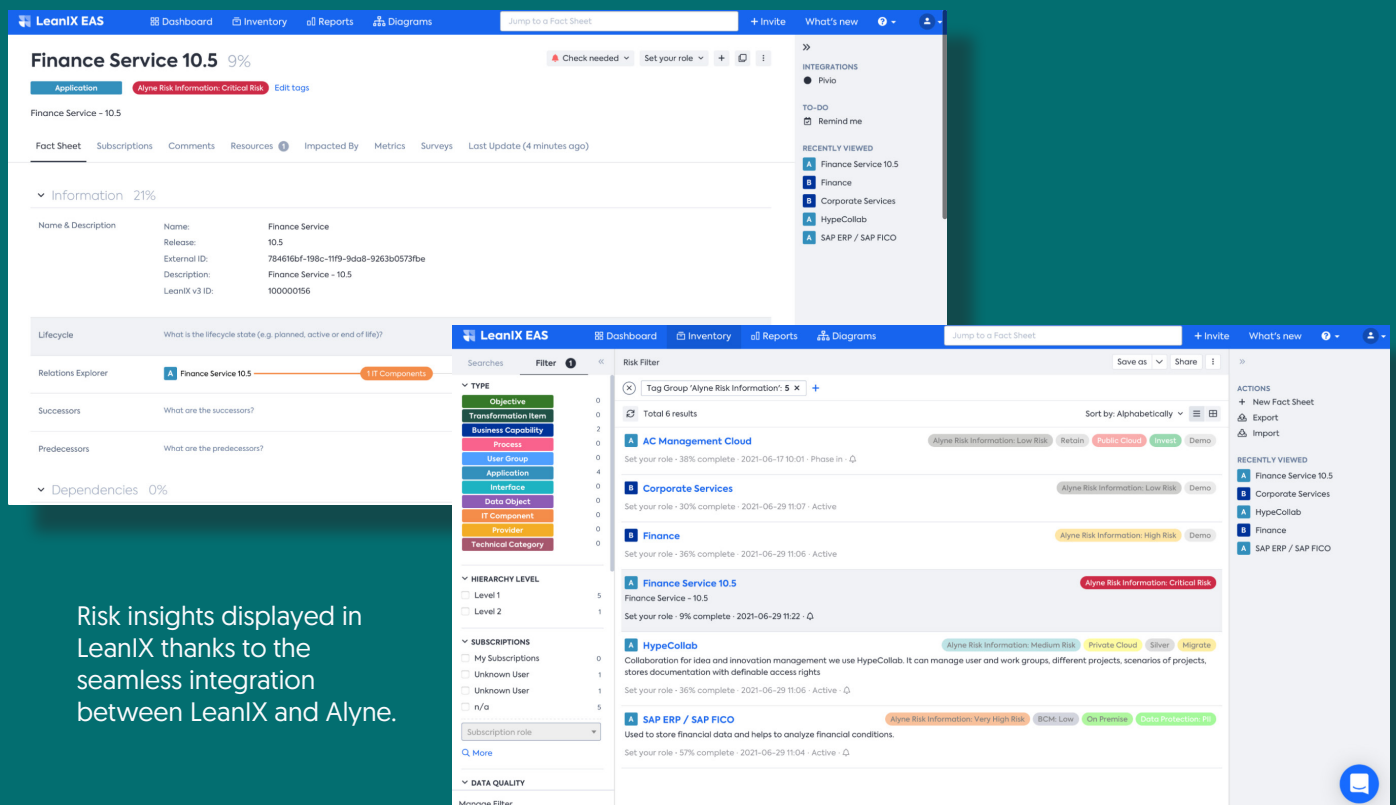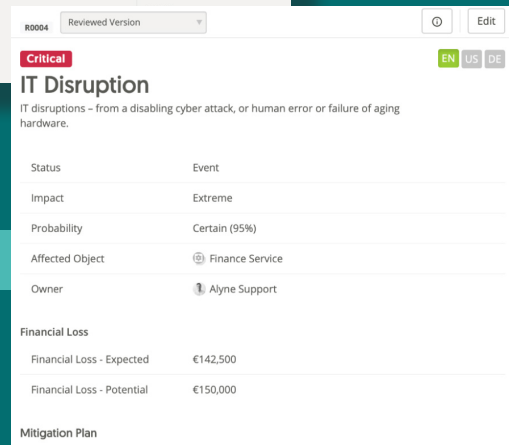

Risk insights displayed in LeanIX thanks to the seamless integration between LeanIX and Alyne.

Added Value in Alyne

- Complete and contextualised sources of EA information to understand current technology risk exposure.

- Faster updates on underlying assets to facilitate more timely risk insights.
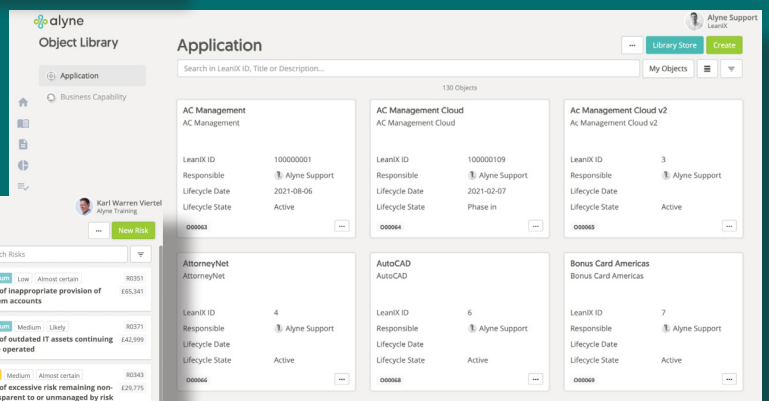
- Risks aggregated across technology stacks and enterprise domains.

Added Value in LeanIX

- Risk-driven insights to faster identify and resolve vulnerabilities in the IT portfolio.

- Security and assurance indicators to evaluate GRC maturity.

- Calculate Value at Risk through real-time Monte Carlo simulations for each asset.
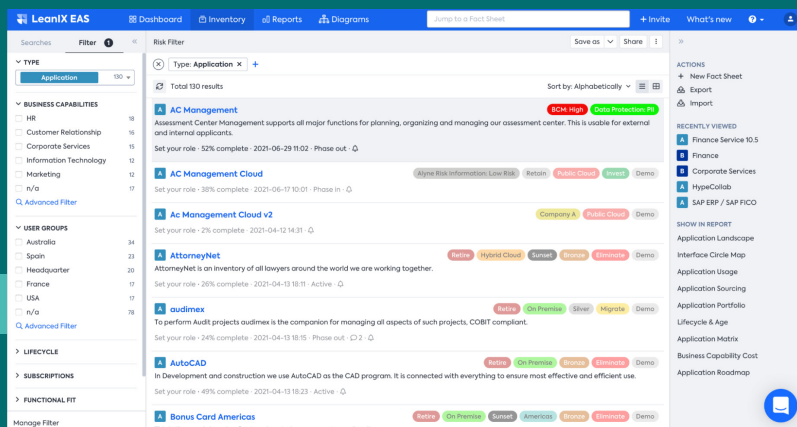
Fact Sheets and high-level overviews of their attributes as seen in LeanIX's scalable IT repository.

Calculating Value at Risk (VaR) for IT assets in Alyne.
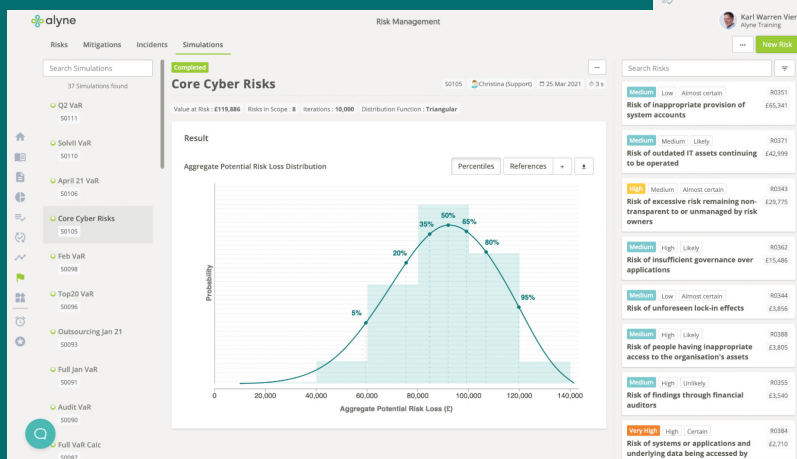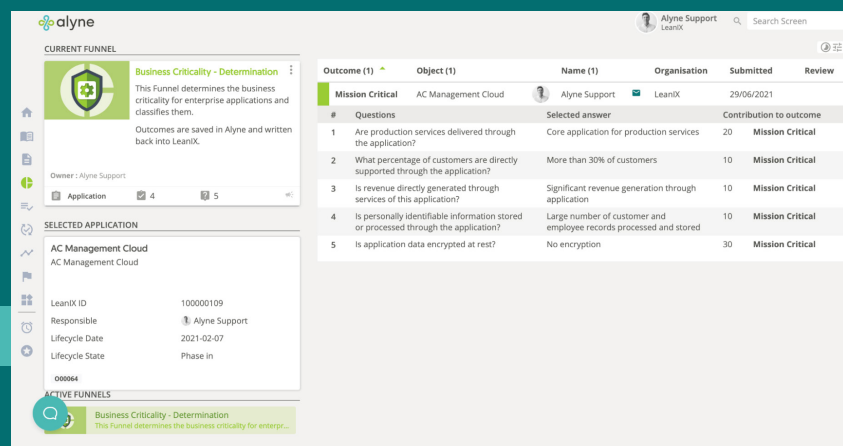
Both platforms update synchronously whenever changes occur.

Operational Resilience

Traditional methods to ensure an enterprise can respond to disruptive events are usually focused on Business Continuity Management (BCM), and Disaster Recovery and Operational Management, and often, in separate initiatives. Today, industry experts and regulators require more — they demand Operational Resilience. This is a top-down approach to ensuring key services remain resilient in the face of adverse impacts, which also require detailed understandings of critical dependencies (e.g., people, processes, technology, etc.)

LeanIX is an excellent source to model and understand these dependencies; it can be further enhanced when connected to Alyne's out-of-the-box operational resilience processes.

Security insights on business critical IT assets as run via a Campaign in Alyne.

Communicating to EA teams in LeanIX with insights taken from Alyne (as seen above) on business critical IT assets.

Added Value in Alyne

- Combine insights across SaaS, cloud, and enterprise IT assets to reduce complexity and drive resilience in modern organisations.

- Include a broad range of asset types to understand resilience objectives and risks.

- Leverage dependencies mapped in LeanIX to visualise the enterprise in the Alyne Graph Database.

Added Value in LeanIX

- Combine insights on BCM and Operational Resilience to deliver real transparency of service resilience to CIOs.

- New dimensions for impact and scenario modeling across the enterprise.

- Visualise weak links in IT service delivery.
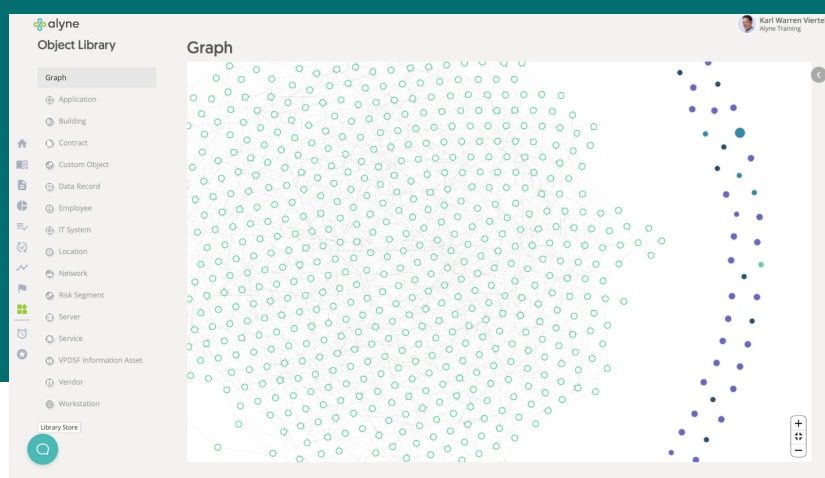
Object representation as seen in Alyne's Graph functionality.

Financial Services Compliance

Technology is critical to financial service and therefore heavily regulated. Two elements are necessary to overcome in this process: understanding which technology assets are in scope of regulation, and understanding if organisations are operating with compliant technology.

LeanIX is a powerful answer to the first element, and Alyne is uniquely positioned for the second. Leverage technology landscapes modeled in LeanIX to apply appropriate controls in Alyne to successfully manage control effectiveness and potential risk throughout your IT's lifecycle.

Added Value in Alyne

- Leverage completeness of assets in regulated landscapes in order to provide a higher level of assurance.

- Provide valuable insights on dependencies across the IT landscape.

- Automate categorisation of services, applications and vendors using LeanIX data.

Added Value in LeanIX

- Ensure compliance of your EA elements with regulations such as ISO 27001, COBIT 2019, or relevant EBA Guidelines with no lead-time.

- Display regulatory compliance indicators directly on the relevant Fact Sheets (e.g., those related to BAIT, MaRisk, MAS TRMG, etc.)

- Deliver lean and scaled protection need assessments directly to LeanIX Fact Sheets.

- Link outsourced governance information to affected assets in the enterprise and enable informed decisions on regulatory impact.
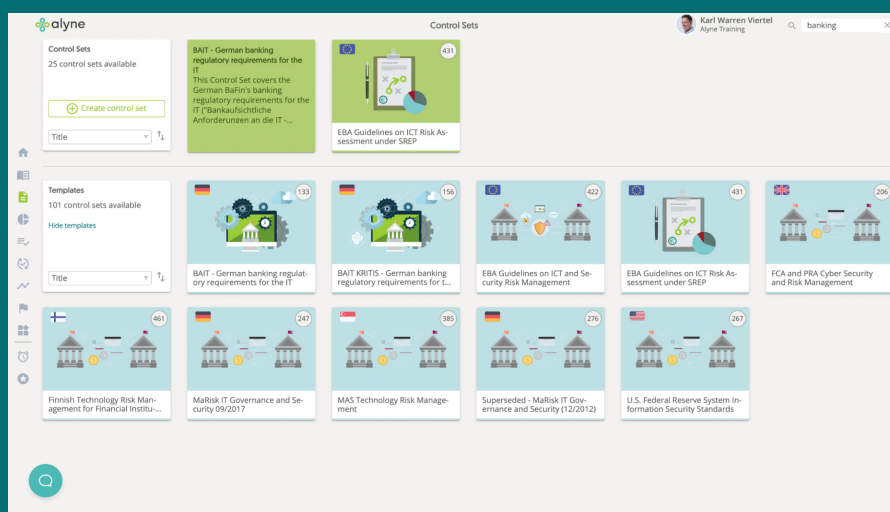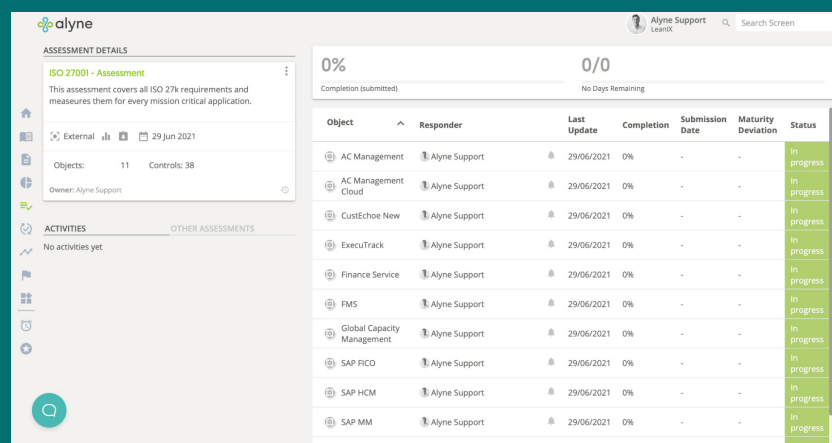

Alyne's ready to use Control Frameworks on banking regulations to measure compliance across applications synced from LeanIX.
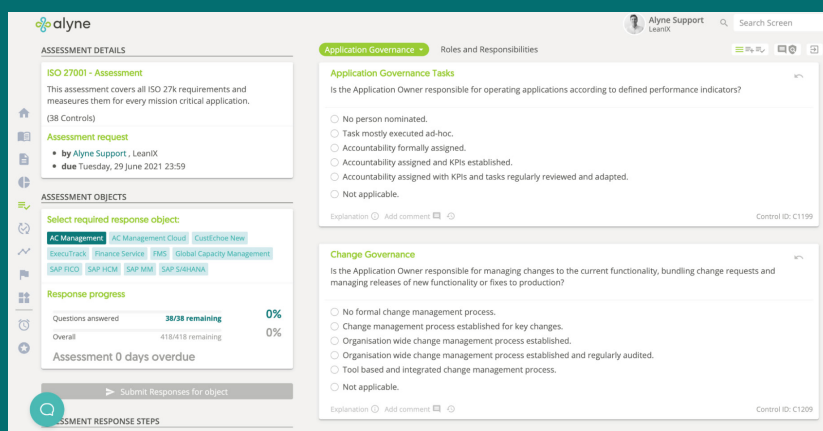
IT Governance

Completeness and strategic alignment with global best practices is what drives most IT Governance Frameworks. Over the past two decades some leading frameworks have emerged, such as: COBIT, COSO and various NIST standards.

LeanIX is a key tool for IT governance, and Alyne provides a harmonised Framework of Controls covering multiple IT governance standards. The combination of the two enables customers to measure and improve IT governance maturity at an unprecedented velocity and transparency.

Run large-scale compliance assessments in Alyne and link them directly to LeanIX Fact Sheets.

![alyne]

Added Value in Alyne

- Full coverage of assets to quickly begin addressing IT governance.

- Complete governance of cloud and on-premises technology by leveraging LeanIX's capabilities.

- Fast time to value through direct access to relevant data.

Added Value in LeanIX

- Align EA with common IT governance standards, such as: COBIT, COSO, NIST CSF and many more.

- Enrich EA with insights and KPIs on IT governance.

- Enhanced architectural transparency for better decisions based on compliance maturity.
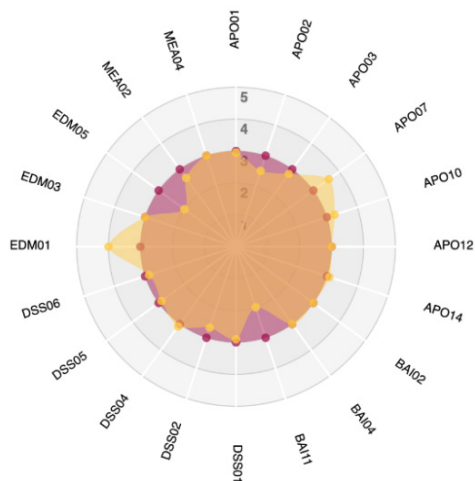
Alyne's Spider Diagram
(e.g. COBIT 2019 compliance assessment across applications.)

Interface

LeanIX and Alyne are organisations native to the cloud and run on cutting-edge technology. Data is exchanged between the two platforms in a bi-directional manner. Alyne Objects and LeanIX Fact Sheets — the building blocks of the two platforms' inventories — can be configured based on the functional requirements of companies. Synchronisation can also be configured to occur on a schedule or even upon update.
Integration highlights include:

- Flexibility when synchronising the properties of LeanIX Fact Sheets.

- Mixing compliance-related properties for Objects on the Alyne side of the interface.

- Grouping and nesting of Alyne properties to improve UX and streamline more complex use cases.

- Computing new properties on Alyne Objects from a range of LeanIX source properties.

- Fine-grained control on read-only properties and general access management of the resulting Alyne Object.

- High resilience and no maintenance requirements for customers.

Customer Examples

● fenaco

Fenaco is an agricultural cooperative based on a concept dating back more than 100 years. It is owned by 174 LANDIs and their 43,000-plus members and employs about 11,000 people.

"It is great to see the transparency LeanIX delivers in our application landscape directly leveraged for our risk and assurance processes in Alyne."

- *Helmut Dedié, Enterprise Architect*

● Australian Catholic University

"LeanIX stores data that is vital to performing security audits and Risk Assessments (business capabilities, lifecycle, ownership and underlying IT components). ACU wanted to integrate LeanIX with Alyne because this critical data was being manually entered into Alyne, resulting in manual data entry and human error. Our goal was to streamline ACU's application security auditing and risk assessment process to support ACU's ongoing focus on improving our IT security posture. We were also looking for a way to share the outcomes of criticality assessments and risk scores recorded against an application back to LeanIX, providing a valuable overarching view of the ACU application landscape and security risk mappings."

About Alyne

Alyne is a next generation RegTech offering organisations extensive capabilities in managing their Cyber Security, Governance, Risk and Compliance processes through a Software-as-a-Service platform. Alyne enables industries of all sizes to easily understand complex risk data and gain actionable insights, through its powerful Content Library, Assessments and Risk Reporting features, all mapped to relevant standards, laws and regulations.

Harnessing machine learning and artificial intelligence to understand laws and intuitively identify risks, Alyne helps organisations to increase transparency and compliance efficiency, and collaborate more effectively across their enterprise and extended enterprise. Keep your organisation at the forefront of Cyber Security, Risk Management and Compliance with Alyne as your Mission Control.

For more information, visit **www.alyne.com**

About LeanIX

LeanIX's Continuous Transformation Platform is trusted by Corporate IT and Product IT to achieve comprehensive visibility and superior governance. Global customers organise, plan and manage IT landscapes with LeanIX's automated and data-driven approach. Offering Enterprise Architecture, SaaS, Cloud and DevOps Management, LeanIX helps organisations make sound decisions and accelerate transformation journeys.

LeanIX has hundreds of customers globally, including Adidas, Atlassian, Bosch and many more. The company is headquartered in Bonn, Germany, with offices in Boston, San Francisco and around the world.

For more information, visit **www.leanix.net**

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