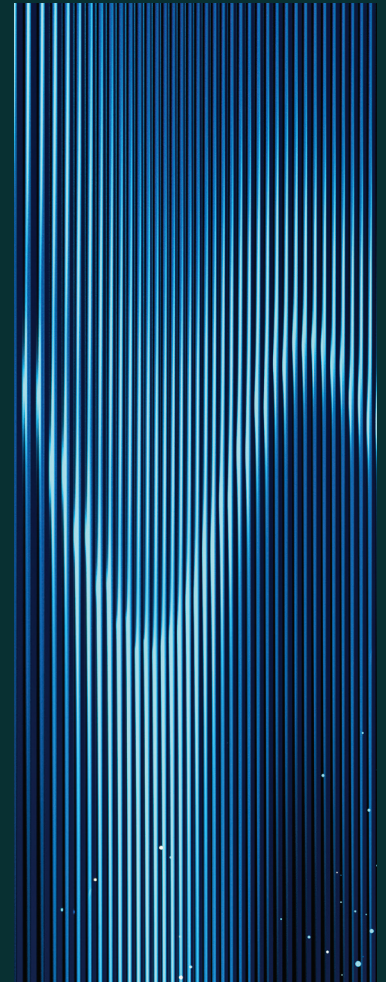
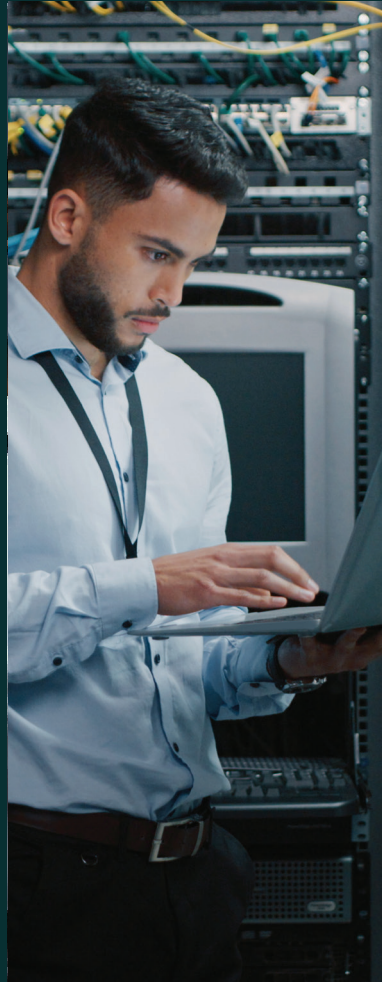


Data visionaries

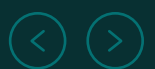
Five pivotal strategies
and eight transformative stories



Artificial intelligence (AI) holds a promise for those up to the challenge, especially for organizations with a solid data foundation.

These organizations are particularly poised to reap the benefits of AI. In fact, Unisys research reveals that 36% of AI-mature organizations have already adopted AI, and those that prioritize data strategy are more likely to be in that group. Furthermore, data-ready organizations report improved decision-making (84% vs. 77%) and a higher ROI (82% vs. 78%) compared to their less-prepared counterparts.

Those organizations that respect and act upon the power of data are emerging as innovators. They are transforming their mindsets, their operational environments and their everyday practices. How can you follow suit? Let these real-life data strategy stories inspire you. Discover five ways organizations are advancing their data strategies, laying the groundwork for AI innovation.





01

Boost data quality

To maximize AI's potential, success begins with a robust data strategy. A [leading health and security services firm](#) exemplifies the profound impact of such a strategy on competitive advantage and innovation. It sought to deploy a modern decision engine, prioritizing data integrity and quality.

Collaborating with Unisys, the firm ventured into public cloud computing for the first time, selecting AWS for its data ingestion platform due to its flexibility, reliability and scalability.

This transition to AWS enabled employees and customers to gain access to the firm's solution in less than four months. The firm realized these positive outcomes as a result:

- Improved the quality of the data ingested by a whopping 98%
- Achieved 100% adherence to data privacy, security and compliance requirements
- Ingested 45 million employee data points for onboarding 4,500 enterprise customers

The project also established a cloud-native digital transformation foundation, introducing a modular business rules engine to rapidly adapt to changing business needs and ensure global availability compliant with geographic regulations like GDPR.



02

Benefit from cloud agility

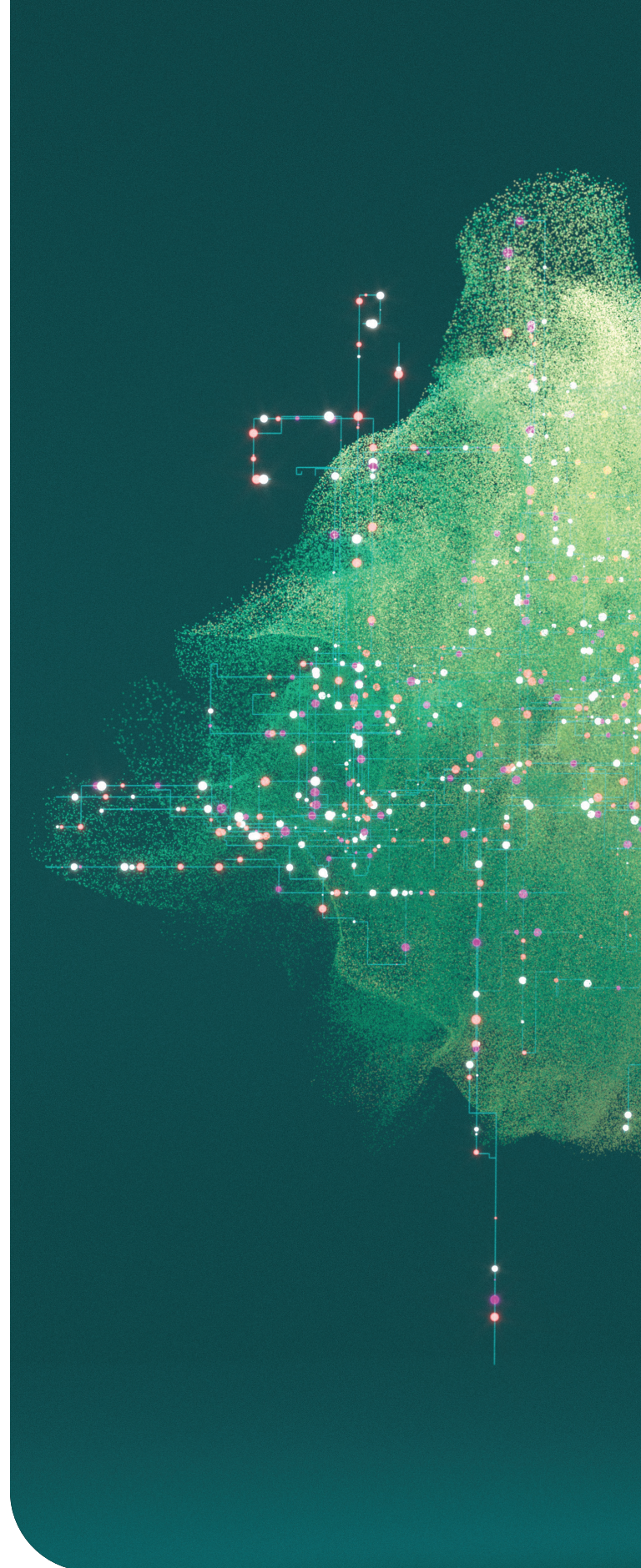
A leading U.S. financial institution leveraged Unisys' technology expertise to achieve a significant milestone in cloud agility, showcasing a major leap in cloud-based operational efficiency.

- Migrated more than 5,000 active users and 45 application relational databases to the AWS cloud without downtime
- Streamlined database management
- Enhanced scalability and performance

Insurance company Globe Life had a similar cloud vision. High-quality data is imperative for data analytics, including predictive analytics, to identify market opportunities. However, Globe Life's on-premises data extraction, data quality and analysis platforms weren't up for the challenge. Unisys helped the company migrate its large, complex data environment in an extract, transform and load (ETL) platform to a secure AWS public cloud.

In the process, [Globe Life](#) increased productivity, reduced the compute resources required to support volume and capacity by 40% and lowered its total cost of ownership in part because of the greater agility of the cloud.

"We rely on data to maintain our competitive advantage," said David Mirike, Globe Life divisional vice president, Enterprise Data & Integration Services. "Our partnership with Unisys and AWS enables us to build, configure and manage a large and complex data environment while positioning ourselves for future growth."



03

Make data more accessible

[Ohio Court Network](#) sought a way to provide court staff and other business partners with real-time access to judicial information. Unisys developed and implemented a Justice Connect portal and integration hub and a statewide court case warehouse. Staff can now access data on jail bookings, court cases, criminal history records, corrections data, protection orders and motor vehicle information contained in more than 300 disparate judicial systems in a single interface.

“Unisys has designed and built a robust, secure and user-friendly portal system,” said Robert Stuart, director of the Information Technology Division at the Supreme Court of Ohio. “The greatest value of the Unisys platform is its ability to connect vastly different source systems on the backend and deliver a standardized and integrated user experience on the front end.”

Another agency that must maintain data – and fulfill document requests – is the [Philippine Statistics Authority](#). Citizens reach out to the agency for birth, marriage and death certificates and other official documents, and the agency must respond to those requests and maintain document integrity.

The [award-winning solution](#) from Unisys led to:

- Digitizing 160 million civil registry documents
- Modernizing the agency’s civil registry system with robust, reliable enterprise content management and cybersecurity technology solutions and by introducing self-service kiosks and mobile outlets
- Reducing request fulfillment from 7 to 10 days to as few as 30 minutes
- Sending customer satisfaction ratings soaring – from about 20% to 86%



04

Manage a high volume of data

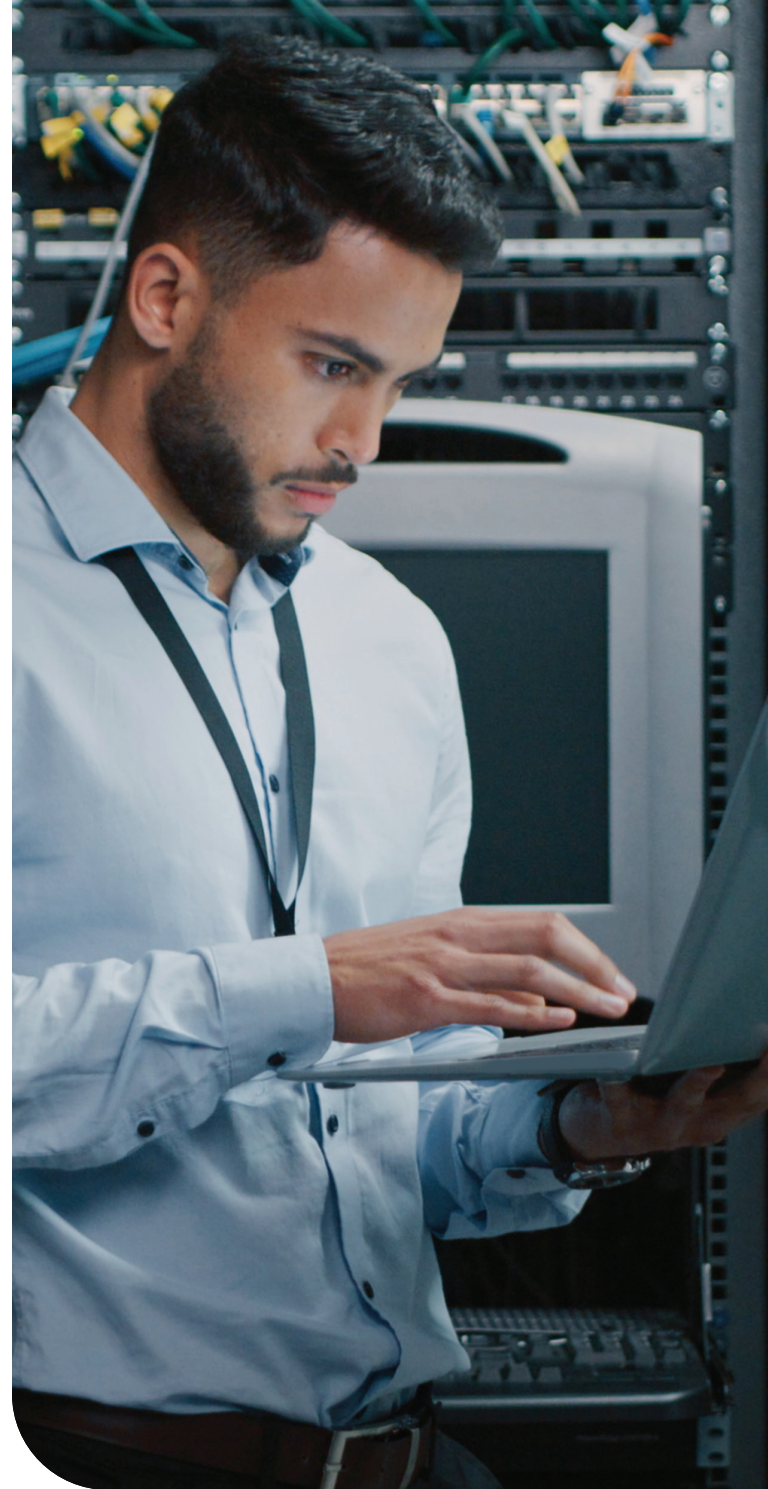
Financial services company CAIXA manages mortgage processing for a majority of Brazil's market. This amounts to a significant amount of data –including 8 million loan and mortgage contracts, 30,000 pages of general legislation, 900 million payments and 25 million monthly online transactions. The company wanted to provide secure, fast, easy access to customers' financial data.

Unisys delivered a solution to manage, host and integrate CAIXA's mortgage system with other banking systems so customers could easily and directly access their data via digital channels. This decreased face-to-face meetings in a branch since customers could find necessary data online and, as a result, reduced the cost of processing 2.5 million monthly transactions.

For *Fire and Emergency New Zealand*, New Zealand's main firefighting and emergency services body, being able to act quickly can sometimes have serious, life-or-death consequences. The agency wanted to speed response times by improving its central life-critical message handling system. It enlisted Unisys to develop and implement an IP-based system as well as provide system testing, staff training, 24/7 support and software and hardware maintenance.

The new system lets the agency:

- Manage more than 40,000 message transactions per day in real time, improving fire alarm response standards
- Handle more data while preserving performance, critical when managing major spikes in fire-related and alarm error messages during the Christchurch 6.3-magnitude earthquake in 2011
- Prioritize multiple events better and check discrepancies with local and regional data via regional polling reports



"The signal transport system message handling system is an extremely fast, reliable and highly available message transaction system that enables us to respond to fires as quickly as possible to help save citizens," said Stuart Waring, ICT manager of Data and Intelligence for Fire and Emergency New Zealand. "We are now able to meet our response service level requirements and significantly reduce the costs of maintaining a national automatic fire alarm system without affecting our alarm response."





05

Speed up service to customers

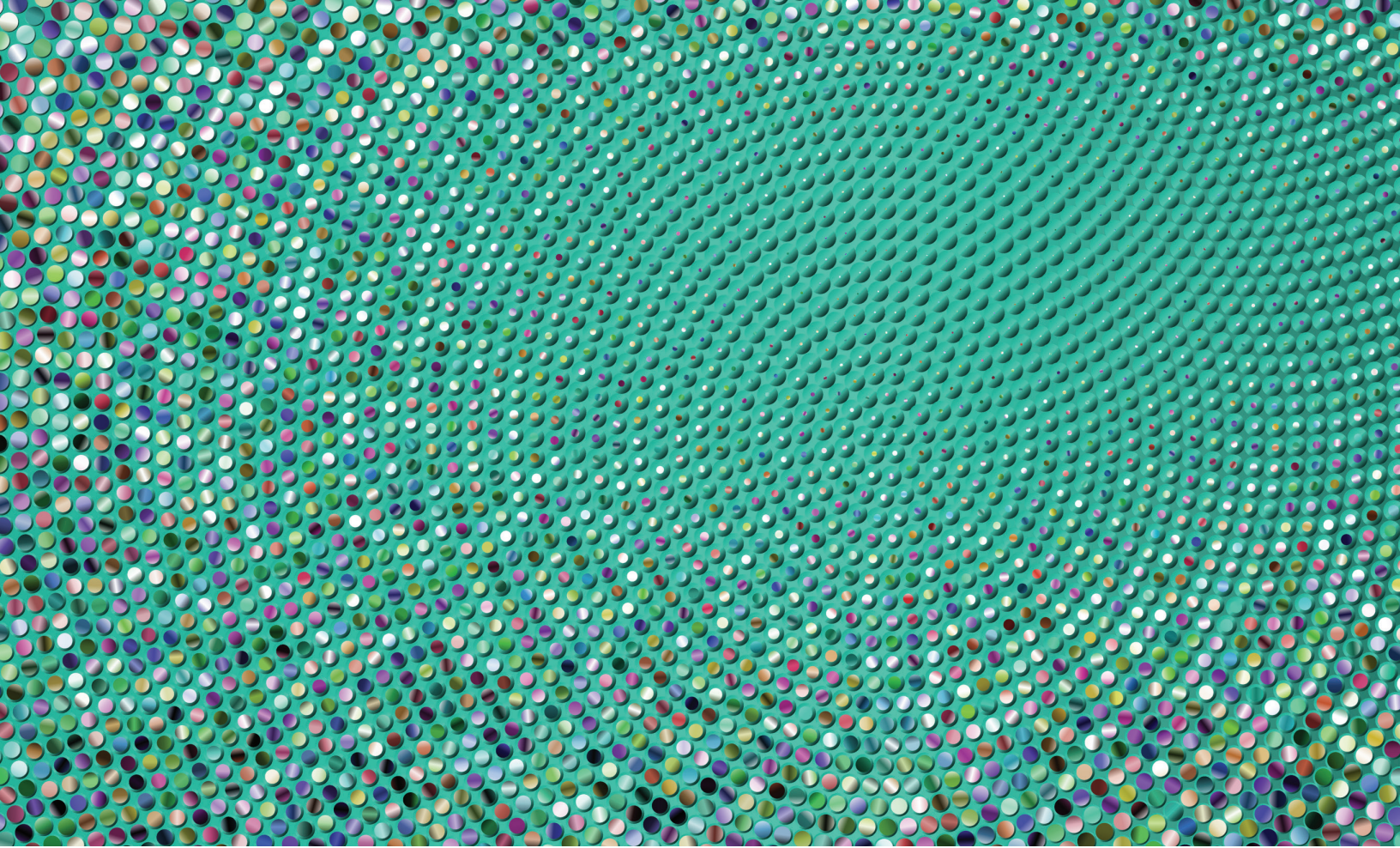
Easier access to data helps organizations speed up service to customers. That's something the [Waka Kotahi NZ Transport Agency](#) prioritized in 2016 when the Ministry of Transport challenged the government agency to implement legislative changes faster so New Zealanders could benefit sooner. The agency handles driver licensing, builds and maintains roads and partners with community organizations to set policies and invest in public transportation services.

The agency worked with Unisys to improve the travel experience and increase employee productivity by developing a scaled, Agile DevOps environment, launching a new learner license application and modernizing its core registers platform. Citizens can now replace and renew their driver's licenses online.

As a result of implementing [Unisys Cloud Management](#) and other solutions, the agency reduced annual IT maintenance and operations costs by 26% and decreased the time it takes to respond to new legislative requirements from 6 to 12 months to 3 months – so citizens can benefit from those changes faster.

"It's all about people. It's about making transport solutions easy and simple to use so that, basically, New Zealanders can get on with their lives and do what they enjoy doing rather than worry about transport," said Robyn Elston, national manager of delivery for Waka Kotahi New Zealand Transport Agency.





Ready your data to harness AI's potential

Organizations like yours are actively preparing their data to fuel AI models and drive transformative business results. These organizations are boosting data quality and leveraging cloud agility, thereby simplifying data access for citizens and customers. They're also adopting strategies to better manage huge data volumes and accelerate services to customers. Let these success stories inspire your journey toward data readiness.

Explore how Unisys can help advance your [data and analytics](#) strategy and [AI](#) approach, or [reach out](#) to talk about how our solutions could work within your organization.



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