Why customers chose Oracle for their cloud security

Learn how Oracle is helping businesses better protect their customers and brand
Data security and cyber-risk management for the modern world

Data is the one of the most valuable assets in modern business. Data continues to grow exponentially, and organizations rely on that data for critical activities such as transaction processing and analytics. While data might be an organization's greatest asset, without proper protection that same data can quickly become a liability.

That means that properly protecting sensitive data and managing cyber risk are likely the most critical security priority for any organization.

Oracle security services and features help organizations operate securely and with confidence by developing and delivering all our core technology offerings based on three strategic pillars—security that's automated, always on, and architected in. With Oracle, security is built in from the ground up to deliver full-stack protection, automate threat responses, and ensure seamless, always-on protection. In order for customers to meet their intended security and compliance objectives, they must configure these features and services.

This ebook showcases customer stories from across Oracle's security service portfolio, including cloud infrastructure security, database security, identity and access management, and application security.

Managing cyber risk in IT

In 2020, data breaches resulted in a 141% year-over-year increase in the number of records exposed compared to 2019. In addition, the Identity Theft Research Center reported that as of October 2021, there were already 1,291 breaches compared to 1,108 in all of 2020. That data impacted by the breaches were primarily comprised of personally identifiable information (PII), internal proprietary data like intellectual property, and much more. With that level of risk, it’s unsurprising that some organizations have reservations about passing data management responsibilities over to a public-cloud provider.

However, on-premises data centers also have inherent risks: privilege abuse, configuration mistakes, and policy ignorance are all common IT challenges. On-premises data centers also can have a higher total cost of ownership and require manual oversight and intervention including managing updates and patches. These are just some of the reasons why more organizations are recognizing the value of the public cloud, especially platforms that put security first.

In 2020, the Oracle and KPMG Cloud Threat Report showed that 75% of organizations now see public clouds as more secure than on-premises systems—an increase over the previous year. Oracle’s goal is to empower every organization to take advantage of the cloud’s agility, flexibility, and scalability without compromising their own data—or their customers’ data. That goal has driven Oracle’s security-first design philosophy, baking security into all cloud solutions at the architectural level, fortifying full-stack protection and a secure-by-design platform. Oracle takes a proactive approach to cybersecurity that underpins everything we do. This commitment to data security and integrity is why so many organizations trust their data in the cloud with Oracle.

Let’s explore their stories

Oracle’s three strategic security pillars:

• Automated
• Always-on
• Architected-in
OCI Security

Oracle Cloud Infrastructure (OCI) is a modern public cloud built with layers of security that are architected to help protect organizations’ most sensitive and valuable data. A combination of features and secure-by-design initiatives helps provide automated security with OCI’s built-in security services. By facing the cybersecurity skills shortage head-on and adopting cloud technologies that require minimal human intervention, organizations could encounter fewer errors and optimize their resource management, while also benefiting from maximized performance and scalability.

Oracle Cloud Infrastructure is also available as a Dedicated Region Cloud@Customer deployment. While adopting Oracle Cloud in their data center, customers can reduce data center costs, upgrade legacy applications using modern services, and address the most demanding data residency and latency regulatory requirements.

Regardless of deployment type, additional cloud security services such as Oracle Cloud Guard and Oracle Security Zones are included for all paid tenancies in Oracle Cloud Infrastructure to help ensure that security is automated, always on, and architected in across the entire suite of cloud offerings.

Learn more

https://www.washingtonpost.com/politics/2021/08/02/cybersecurity-2020-governments-facing-severe-shortage-cyber-workers-when-it-needs-them-most/
LuxSci

Customer background

A leader in HIPAA-compliant secure email communication and web hosting, LuxSci has more than 20 years of experience protecting sensitive healthcare information online. The digital age brought new challenges, from telemedicine to cyberattacks, which left LuxSci looking for secure yet cost-effective cloud-based solutions.

Their Oracle story

LuxSci sought a partner that could help expand the company’s customer base without compromising the integrity of its products. OCI’s features help mitigate many common public cloud issues and make implementing security more affordable. OCI’s security-first design, encryption by default, and the computing model can proactively address many threat vectors and enable encryption of the data storage, which significantly mitigates many common computing security risks.

In their own words

“Oracle’s security-first public cloud includes security and reliability features that were previously only available through expensive, dedicated hardware solutions. These unique features enable us to provide more robust, secure, and affordable options to a wider market of customers, thus helping more organizations climb higher up the security curve.”

Erik Kangas, CEO and Founder, LuxSci
Darling Ingredients

Customer background

Darling Ingredients is one of the world’s leading producers of sustainable organic ingredients. Started initially as a small rendering company in the late 19th century, Darling has evolved into a global provider that maximizes nature’s value, servicing both high-end markets and local needs.

Their Oracle story

Darling was facing aging on-premises hardware and needed to modernize without increasing costs. They migrated to E-Business Suite on OCI with minimal disruption to a more predictable, high-performance infrastructure and used Oracle Cloud Guard to monitor their cloud security posture during the migration. The Cloud Guard service provided insights to help Darling continuously monitor and improve their security.

In their own words

“We’re taking this opportunity to look at how we’re doing as we deploy the EBS production instance into this tighter security zone in Oracle Cloud Infrastructure. What I like about Cloud Guard is, because it is continuously running and available to a wider group of people, it provides a continuous improvement process in our security posture. It’s also included with OCI, which is a really good value.”

Tom Morgan, Threat Intelligence Lead - Cyber Security Group, Darling Ingredients
Customer background

With more than 500,000 employees across 50 countries, Accenture is globally known as one of the world's largest consulting companies. One of Accenture's consulting services is to help customers implement and maximize business technology. Accenture's consulting team has a long history of recommending, configuring, and implementing Oracle products, and this has ramped up even further as business moves to the cloud.

In their own words

“We were immediately impressed with Oracle Cloud Guard—the setup, ease of use, and immediate results about potential misconfigurations. And, of course we appreciate the fact that this capability is available at no cost above the Oracle Cloud Infrastructure investment.”

Chris Pasternak, Managing Director, Accenture
Oracle Database Security

Data is undoubtedly the lifeblood of almost every organization. From financial data to customer data to intellectual property and more, every organization generates data for internal, external, and interdepartmental use. With constant streams of data coming and going, data represents the backbone for all operations—which makes securing it the top priority for every IT department.

Oracle’s database security solutions create layers of protection to help mitigate risk and defend against threats. Organizations can help minimize the risk of a data breach and simplify compliance with database security solutions that are automated, always-on, and architected-in.

Learn more
Customer background

Epsilon, a leader in outcome-based marketing, helps brands efficiently make decisions and build relationships with customers. By gathering and analyzing consumer data, Epsilon allows their customer brands to deliver targeted messages to the right consumers, at the right place and right time, effectively influencing purchasing decisions and driving revenue in the most efficient manner.

Their Oracle story

Because Epsilon is handling hundreds of databases at once with customers all over the world, encryption was the first critical step towards a strong database security posture. All security measures have to meet standards for accessibility, management, and privacy, while also allowing for scalability should end-customers' high-volume periods demand more usage. Epsilon chose Oracle Advanced Security with Transparent Data Encryption (TDE) to provide centralized control over data security, while simultaneously simplifying data management.

In their own words

“Security is a big concern to our customers, because we do have PII information. Oracle does a great job in the security area for us. We really feel like, especially as we move into the cloud, that Transparent Data Encryption gives us the ability to control that encryption process. We have the keys to our data.”

Keith Wilcox, Vice President of Database Administration, Epsilon
**Soho Media**

**Customer background**

Soho Media Solutions has been a trusted partner of Oracle for more than two decades. Headquartered in Luxembourg, they are the leader in real-time media event publishing solutions in the region. Their business relies on a proprietary data collection software that enables their partners and customers to ingest information into a common database and export the information into digital media publishing platforms.

**Their Oracle story**

Soho Media Solutions needed a simple yet effective database security solution to protect sensitive data, monitor and assess database activity, and help demonstrate EU GDPR compliance. Soho Media Solutions chose Oracle Data Safe for its security capabilities, including the ability to provide database security assessments and compliance reports to their own customers, in addition to its ease-of-use and quick time-to-value.

**In their own words**

“We use Data Safe to monitor and assess user activity inside the database... It’s very easy to implement and it’s very, very robust.”

Guillaume Delannoy, CEO, Soho Media Solutions
NOS

Customer background
NOS is a Portuguese telecommunications company delivering digital experiences via mobile, television, broadband, and landline channels to millions of clients across the country. From public venues such as cinemas to individual residential offerings for data and streaming needs, NOS offers affordable, forward-thinking telecom solutions.

Their Oracle story
When the European Union adopted the GDPR compliance standard, telecom companies had to move quickly to meet new requirements. NOS sought out a comprehensive solution that supported this goal that helped to be future-proofed, given the trajectory of the demand for data and connectivity. NOS chose Oracle and several database security products to ensure higher levels of security on their path to GDPR compliance.

In their own words
“On our path towards EU GDPR compliance, we chose Oracle Database Security solutions, including Oracle Advanced Security, Oracle Key Vault, Oracle Database Vault, Oracle Audit Vault, and Oracle Database Firewall to streamline and simplify our Oracle deployment. With Oracle, we minimize risk and further enhance our overall security.”

Henrique Zacarias, CIO, NOS
Oracle’s Identity and Access Management

Securing access and confirming user identities are two of the most integral elements to enterprise security. For both cloud and on-premises deployments, solutions need to scale and support customization to meet any organization’s needs. Oracle Identity and Access Management (IAM) is designed to support a wide variety of organizations with diverse capabilities and flexible customization, offering a truly scalable solution with seamless integration into an organization’s infrastructure.

Customers adopt Oracle’s IAM to control role-based access, define policies, and scale to millions of users. Oracle Cloud Infrastructure Identity and Access Management and Oracle IAM Suite helps ensure organizations of all shapes and sizes address security and compliance requirements by effectively managing access and entitlements.

Learn more
City and County of San Francisco

Customer background

The City and County of San Francisco’s (CCSF) Department of Technology services 50 departments, all with unique functions to serve local communities. The department oversees numerous enterprise applications, including security management for sensitive data. A key security component for the city and county is their identity and access management platform.

Their Oracle story

CCSF selected Oracle Cloud Identity based on its competitive pricing and strong integration with Oracle and third-party products. This move has resulted in increased overall efficiency (days instead of weeks for many processes), increased security with role-based access, and a streamlined single sign-on portal for an easier user experience. This rolled out to 100,000 user identities including employees, retirees, and suppliers.

In their own words

“We’ve been using Oracle’s cloud identity services for several years. The additional features in OCI IAM provide a cloud native IDaaS solution in OCI with a consolidated experience for our employees, suppliers, and contractors. We already have 50 applications onboarded with more to come and this simplifies our experience providing one unified identity for OCI, Oracle Apps, and all of our third-party applications. This IAM upgrade is really valuable for us.”

Chinna Subramaniam, IAM and Directory Services Technical Director, City and County of San Francisco
University of Colorado Anschutz Medical Campus

Customer background

The Office of Information Technology oversees technology decisions for both CU Denver and Anschutz Medical Campus, while also managing identities for the entire University of Colorado system. The campuses did not have a centralized system for identity functions such as provisioning, authentication, and single sign-on.

Their Oracle story

With multiple services across the university, users experienced a decentralized situation where each dealt with multiple login credentials. The university needed to comply with regulations such as HIPAA, further stressing the need for modernization. CU Denver selected Oracle Identity and Access Management due to its product maturity and comprehensive coverage. Oracle Identity enabled CU Denver to excel with more than 100 federation partners and integrations, as well as reducing help desk calls by 90%. This resulted in near real-time provisioning for more than 300,000 centralized identities and meeting necessary compliance requirements.

More than 300,000 centralized identities with Oracle Identity and Access Management

In their own words

“From our perspective, Oracle had the most mature product in the market. They have continued to mature over time as technology needs have evolved. We knew that partnering with Oracle meant we wouldn’t be left out in the cold with respect to technology.”

Russell Poole, Associate Vice Chancellor and Chief Information Technology Officer, University of Colorado
Customer background

One of the world’s largest office furniture makers, HNI offers brands including Allsteel, HON, and Gunlocke to meet the work style and budget of any office. With 7,700 employees worldwide, providing efficient and secure access to enterprise systems is essential to HNI.

Their Oracle story

A longtime Oracle customer, HNI embarked on an internal IT upgrade project that focused on Oracle Identity and Access Management Suite 12c running on OCI. The identity solution included Oracle’s Internet Directory, Access Manager, and Identity Governance. The migration and upgrade were completed without any major business interruption, delivering greater management over key security and access elements.

In their own words

“We upgraded our Oracle Directory, Access Management, and Governance solutions to 12c and moved it to Oracle Cloud Infrastructure (OCI) to co-locate with our E-Business Suite ERP. It gave us less fragility in our overall process. If we ever had an issue connecting to our network, we’d still be able to access our company site through OCI – the time and investment was well worth it.”

Fred Tingle, Manager, DBA and Applications Administrator, HNI Corporation
Oracle Cloud Application Security

With over 40 years in secure data management, Oracle is a viable, trusted partner with a proven track record of securing clouds and protecting business-critical data. Developed with a focus on security and designed with a secure isolation architecture, Oracle Cloud Application security delivers a wide range of benefits from centralizing global access controls to 24/7 availability of Oracle dedicated security managers and cloud experts, providing proactive service monitoring and protection. Additional advanced security options and multicloud connectivity are available should businesses require them, creating a customizable and scalable platform.

In today’s ever-changing business climate, cloud adoption is accelerating year after year. Data security is a key driver for many organizations making the transition to cloud applications. Oracle is a trusted, strategic business innovation and transformation partner with a commitment to continuously invest in and develop secure cloud innovations for customers across the globe.

Learn more
City of Atlanta

Customer background
The city of Atlanta’s IT team oversees technology support and management for numerous departments and thousands of employees. To streamline access, minimize resource expenditures from manual upgrades, simplify reporting, and lower total cost of ownership, the city sought an all-cloud back-office platform, specifically in areas such as finance, HR, and procurement.

Their Oracle story
The city of Atlanta became one of Oracle’s first public sector customers to implement the full spectrum of cloud applications: Oracle ERP, Oracle EPM, Oracle HCM Cloud, and more. Eight months later, the city saw 50% or greater process improvements across payroll, procurement, HR, invoices, and more, in addition to enjoying new connectivity with mobile devices for even greater access. And, when the city hosted the Super Bowl in 2019, the city easily handled the ad hoc, off-cycle paychecks required for some 500 temporary employees required to staff the event.

In their own words
“At the beginning of the process, most people in government didn’t understand the concept of cloud and cloud security and where the data resides. The volatile term ‘cloud’ didn’t inspire a lot of confidence. With time and through the process, that actually has been proven to be the opposite.”

Alfonso Pinan, director of financial systems services for the City of Atlanta
Monrovia

Customer background

Founded in 1926, Monrovia is the nation’s leading grower of plants, shrubs, and trees, with distribution across the lower 48 states of the United States. Monrovia’s four nurseries are located in Visalia, CA, Dayton, OR, Cairo, GA, and Granby, CT. Monrovia plants can be purchased online or at leading independent garden centers, Lowe’s home improvement centers, and through partner wholesalers nationwide.

Their Oracle story

Monrovia’s IT team was dealing with an increasingly common IT problem: losing time and resources managing data on information stored across many systems. The pressure to find a cloud solution grew with each passing day, as legacy infrastructure and systems created further hurdles to processes and collaboration. To address this, they initiated a migration to Oracle Cloud leveraging Oracle modern best practices. Connecting to Oracle’s SaaS suite (financials, sales, marketing, demand planning, forecasting, CRM, HR suite, and more) reduced the disparate systems into a single consolidated and cohesive location. Not only did this revolutionize internal processes, it helped them improve their security while simultaneously allowing for shared security levels and other new features.

In their own words

“I’m actually looking forward into getting my data and my processes into Oracle Cloud, where there is more people, talent, and time spent protecting it with security. Using the Oracle modern best practices, we end up with the most efficient and effective methods in each one of our business areas to help drive improvements and standardization and profitability as we move forward as a company.”

Kevin Jensen, CIO, Monrovia
University of Wollongong

Customer background

Australia’s University of Wollongong (UOW) is a globally recognized center for higher education across both the humanities and the sciences. UOW’s current legacy solutions were becoming increasingly dated, not only opening the door to security concerns but also hindering UOW’s ability to take advantage of new collaborative technologies.

Their Oracle story

The university knew it was time to move towards a cloud solution that supported modern data needs. Two factors helped drive UOW’s decision to use Oracle Cloud. First, the university wanted its data to stay local, within the continent of Australia. Oracle had a data center in Australia, fulfilling this requirement. Second, with three different entities across the university, UOW sought a solution that could unify data into a single source for collaboration, reporting, and analytics. Oracle Cloud’s HCM and ERP services enabled this, helping to usher in a digital transformation that streamlined processes and operations while maximizing data security.

Oracle Cloud’s HCM and ERP

enabled a digital transformation that streamlined processes and operations

In their own words

“[Oracle] allows the native integrations that I no longer have the responsibility of building and developing, because they come naturally within the overall suite. They come out of the box, which is fantastic.”

Fiona Rankin, CIO, University of Wollongong
Baylor University

Customer background

Located in Waco, Texas, Baylor University is one of the nation’s oldest schools west of the Mississippi. Baylor has more than 19,000 students devoted to excellence in education and athletics as well as service to others. Controlling costs, providing students with great research opportunities, and attracting top faculty members are three things that Brett Dalton, the university’s chief business officer, cites as top priorities for Baylor—and the move to modernize their back-office processes and systems created a foundation for achieving those goals.

Their Oracle story

In 2017, Baylor's IT team began its cloud adoption process. Though they evaluated numerous platforms, it became clear that Oracle's HCM and financial applications were more mature than competitors' offerings, as well as more customizable. Baylor implemented Oracle's ERP Cloud, EPM Cloud, and HCM Cloud, replacing 17 older systems. With that update, financial information was directly tied to HR through a single dashboard. This streamlined several processes: for example, hiring grew more efficient by about 75%. Baylor also enjoyed greater security than with their previous systems. This newfound agility positively impacted finance, payroll, and other areas, leading to a year-one increase of $37 million in online education revenue.

“In Oracle, it was clear that security features were built in at every layer of the environment, starting all the way down at the data level and moving up through the cloud platform. That was something unique, that I wasn’t seeing elsewhere in the marketplace.”

Jon Allen, Associate Vice President, Chief Information Officer and Chief Information Security Officer, Baylor University

Learn more
The challenges of data security are constantly evolving in a 24/7 digital world. Automating security effectively reduces complexity and reduces the risk of human error.

Oracle Security protects organizations around the clock with always-on encryption, continuous monitoring of user behavior, and more, providing seamless protection that doesn’t sleep.

Oracle Security solutions are fully integrated and often offered free of charge. Security-first design principles mean security and performance are both maximized, without the need for complex installations or deployments.

To learn more about all the ways Oracle delivers cutting-edge cloud security, visit oracle.com/security