

# ForgeRock Autonomous Identity

AI-Driven Identity for the Modern Enterprise

ForgeRock Autonomous Identity is an AI-Driven identity analytics solution that allows organizations to achieve regulatory compliance, mitigate risks, and reduce costs.

Over the past decade, the number, size, and cadence of data breaches, compromised data, and business targets have accelerated. In the past, a breach that compromised the data of a few hundred thousand people would have been big news. Now, breaches are measured in the hundreds of millions or even billions of people impacted.

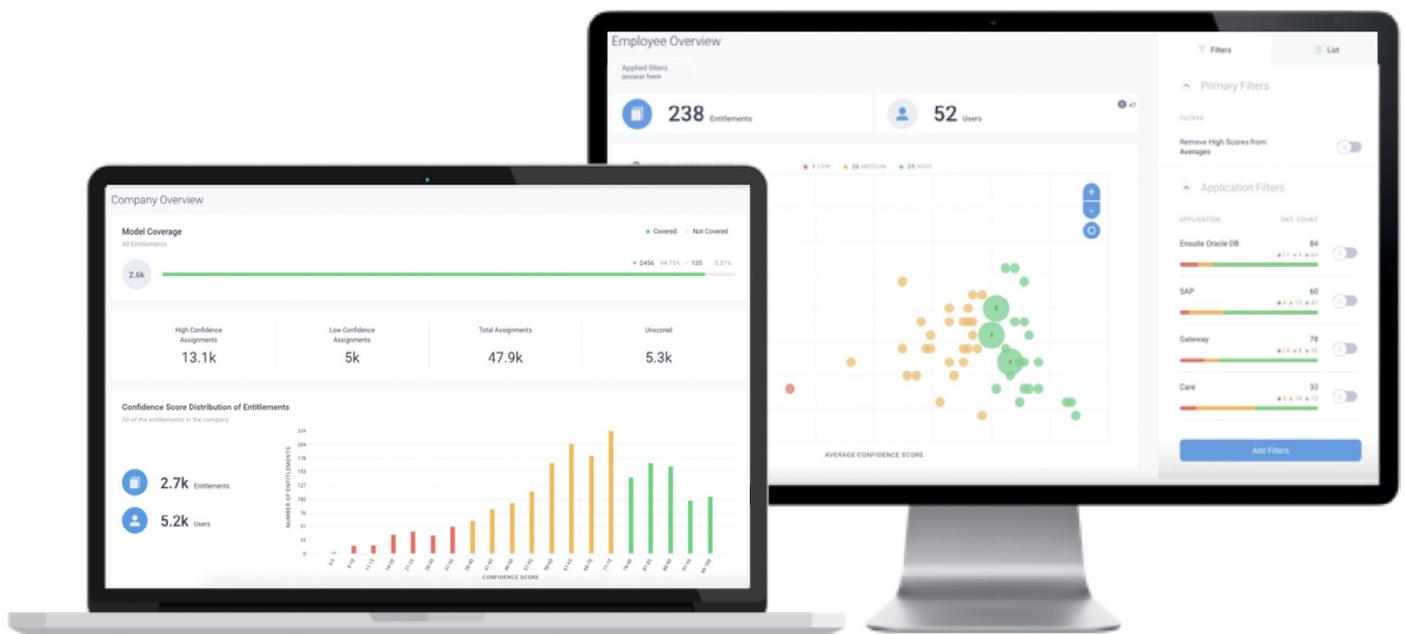
While cybercriminals are increasing the risk of a breach from the outside, organizations are also under siege from the inside. Insider threats, such as employee data exfiltration, third-party credential theft, phishing attacks, unauthorized employee access, and infiltration of nation-state spies are just a few of the internal adversaries that security and IT professionals have on their radar. These threats, along with increasing compliance regulations (SOX, HIPAA, GDPR, CCPA, and others), remote workforce security, and growing operational inefficiencies are overwhelming security and IT professionals.

# Today's Enterprise Dilemma

Enterprise professionals are being overwhelmed because their existing identity governance processes and solutions are slow, cumbersome, and decades old. Organizations can no longer depend on legacy, manually driven identity processes and solutions to meet these growing outsider and insider challenges. Traditional identity governance processes and solutions are static, siloed, and cannot scale to meet the dynamic nature of the modern enterprise. Modern enterprises must adopt artificial intelligence (AI), machine learning (ML), and intelligent automation in order to break down siloed identity processes and solutions at scale.

# ForgeRock's AI-Driven Approach

ForgeRock Autonomous Identity is an AI-driven identity analytics solution that allows organizations to achieve regulatory compliance, mitigate risks, and reduce costs. By leveraging ML techniques, Autonomous Identity collects and analyzes identity data such as accounts, roles, and entitlements to identify security access and risk blind spots. The solution provides organizations with wider and deeper insights into the risk associated with user access landscape by providing enterprise-wide contextual insights, high-risk user access awareness, and remediation recommendations.



# ForgeRock Autonomous Identity Feature Overview

## Contextual, Enterprise-Wide Visibility

By leveraging AI-driven identity analytics, organizations can collect and analyze identity data (examples: accounts, roles, user activity, entitlements, and more) from diverse identity, governance, and infrastructure solutions. This provides visibility of all identities and what they have access to enterprise-wide. This modern approach provides security and risk professionals with contextual insights into low-, medium-, and high-risk user access at scale.

## Role Engineering and Optimization

With Autonomous Identity, organizations can leverage AI and ML to analyze and discover role access patterns across the entire enterprise. Role owners and analysts can quickly identify and understand the role composition of low-, medium-, and high-confidence roles and entitlements. By taking advantage of ML techniques, role engineers can review, evaluate, and visualize existing roles and role models. This helps the organization optimize the existing role model and create fewer, but higher quality roles over time. The identity analytics approach identifies overprivileged entitlement and role access patterns and automatically removes unnecessary entitlements and roles.

## Data Agnostic

ForgeRock Autonomous Identity works with all existing identity data types to develop a complete view of the user access landscape. By consuming and analyzing tens of millions of data points, the solution can predict and recommend user access rights and highlight potential risks. Total landscape visibility provides highly accurate models on what good access should and should not look like. Unlike other “black box” identity analytics solutions that are based on static rules, roles and peer group analysis, ForgeRock Autonomous Identity relies strictly on organizational data to develop an analysis that is free from any bias that might come from human-derived rules and roles defined by existing identity governance solution.

## Transparent Artificial Intelligence

Unlike other “black box” identity analytics solutions, organizations can fully comprehend how and why risk confidence scores are determined. By visually presenting low-, medium-, and high-risk confidence scores together, security and IT professionals can contextually understand which key risk indicators were met. This AI-driven approach recommends risk-based identity governance remediation updates based on enterprise-wide confidence scores.

# Continuous Machine Learning

As new identity data is collected and old data is purged, the ML model evolves and learns about the dynamic changes within the organization. By leveraging predefined machine learning techniques and algorithms, organizations can quickly predict, recommend, and identify outliers. This intelligence-based approach allows security and risk professionals to automatically analyze and model high volumes of identity data in order to identify high-risk user access and unauthorized user access across the entire enterprise.

# Remediation and Automation

With AI-driven identity analytics, organizational actors (application owners, supervisors, administrators, and others) can take corrective action by revoking stale user access rights based on recommended remediation and automatically remove them. By automatically approving and certifying high-confidence and low-risk access requests, enterprises can reduce operational burdens and accelerate certification campaigns enterprise-wide.

## ForgeRock Autonomous Identity Customer Proof Points\*

# 60%

**Time Savings:** Reduction in access requests, revocations, and certifications.

# 20X

**Security Improvement:** Increase in access outlier revocation rates

# 70%

**Risk Reduction:** Reduction of required roles in major ERP application

# 80%

**Great Customer Experience:** Click rate reduction in the certification review process

*\* These states were derived from a multinational financial services company.*

## About ForgeRock

ForgeRock, the leader in digital identity, delivers modern and comprehensive Identity and Access Management solutions for consumers, employees and things to simply and safely access the connected world. Using ForgeRock, more than a thousand global customer organizations orchestrate, manage, and secure the complete lifecycle of identities from dynamic access controls, governance, APIs, and storing authoritative data – consumable in any cloud or hybrid environment. The company is privately held, and headquartered in San Francisco, California, with offices around the world. For more information and free downloads, visit [www.forgerock.com](http://www.forgerock.com) or follow ForgeRock on social media.



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