

CO2 AI Eliminates Shared Credentials with Delinea Runtime Authorization

How a sustainability software company replaced shared keys with self-service access

✓ Challenges

Before Delinea runtime authorization, access to technical systems at CO2 AI was fairly all-or-nothing. The team had a small set of shared keys that passed from person to person anytime someone needed access.

Processes for requesting and granting access were convoluted and often manual. As a result, engineers required advanced knowledge just to connect to the resources they needed to do their jobs. This slowed down both access and productivity, especially for new hires.

Managing access with shared keys introduced risk. Since a key could grant a user access to anything, people could end up with too much privilege. They could break something or make changes they weren't supposed to make. And with no way to audit access, the risk only increased.

In the past, developers could wait up to a week to get access to their resources. That lost time cost the company about \$2,300 per access request.

✓ Solution

Delinea runtime authorization enabled CO2 AI to introduce self-service access management, which gave users more autonomy.

Access also became much simpler, and advanced knowledge is no longer required. According to Essiane, people only have access to what they are supposed to, and they can do it in two clicks.

By removing the keys from developers' hands and making access granular and auditable, CO2 AI can more easily pass compliance mandates.

Background

CO2 AI is a sustainability management platform that helps companies measure, decide, reduce and collaborate on carbon emissions in a single and secure environment. It employs 10 to 50 people and runs on AWS, Terraform and Kubernetes.

CO2 AI recently split off from its parent company, essentially moving from a brand-name organization to a startup. While that change brought new opportunities for growth, it was potentially frightening for large corporate clients and prospects. CO2 AI wanted to prioritize its security and gain the trust of its customers and prospects. Potential clients often ask whether the company holds SOC 2 or ISO 27001 certification, which Abel Essiane, Head of SRE and Infrastructure, expects to be critical.





We have increased security with [Delinea runtime authorization] StrongDM, and at the same time, we can move faster. It's a win in both directions, in speed and in security.”

→ Florian Jourda, CTO, CO2 AI

✓ Results

Access is now instantaneous, at no cost to the company. Shared credentials are eliminated, and the network is more secure. CO2 AI expects the change to accelerate its path to certification.

According to Essiane, it will help show that the company can operate independently as it separates from the BCG brand name.



The process to connect to a database could vary depending on where the database is, and the type of account on which it is. For some things, you need a key. Or you might need something to be activated somewhere for something. Knowing how to access one thing wouldn't necessarily help you know how to access another.”

→ Abel Essiane, Head of SRE and Infrastructure, CO2 AI



Delinea is an identity security platform governing what AI agents, humans and machines can do, and for how long. Just-in-time authorization extends privileged access management from access to action, cutting standing privilege across on-premise, multi-cloud and ephemeral infrastructure. Its platform scores identity risk and keeps access decisions auditable. Over 9,000 organizations, including two-thirds of the Fortune 100, rely on Delinea. Learn more at delinea.com.