# Deloitte's blockchain authentication security evidence platform

This platform provides authentication, authorization, and identity access management solutions to assist clients in managing cybersecurity risks.



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### Reduced breach impact

 By implementing threshold authentication, the effect of a breach can be minimized as malicious actors must compromise multiple users, applications, devices, or systems to achieve the threshold, thereby reducing the overall "blast radius" of a breach.

#### Enhanced access control

 Active directory no longer stores usernames and passwords, making it harder for a hacker to gain full credential access.

## Secure privileges

 Information on user privileges is stored separately, limiting a hacker's ability to manipulate access controls even if they gain unauthorized access.

# Distributed consensus mechanism

 Any changes to smart contracts (including unauthorized privilege modifications) need to be validated across multiple nodes. Single-actor changes are automatically rejected, maintaining the integrity of the system.

