

Bridging Operational Technology and Information Technology

Take Action Now to Secure Your OT and IT Identity Governance

As the need for secure connection between operational technology (OT) and information technology (IT) increases, industrial organizations face increasing challenges in managing identity and access across both domains.

The convergence of these traditionally separate environments brings new complexities, especially when it comes to ensuring the security of critical systems. Cyber threats, compliance requirements, and the sheer scale of industrial operations make it essential to adopt a forward-looking approach to identity governance.

By implementing advanced technologies such as digital twins and knowledge graphs, companies can not only streamline identity and access management (IAM) but also gain the visibility they need to proactively safeguard their infrastructure. These technologies enable businesses to monitor changes in access rights, identify risks early, and enforce consistent governance policies across their ecosystem, including IT and OT environments.

How to Take Action Now

1. Reduce Operational Risk

In industries reliant on both OT and IT, security gaps can have dire consequences, from downtime to financial losses, and even human safety risks. *By adopting a flexible and comprehensive identity governance strategy, Gathid clients can proactively understand and track access and identity changes within both, their connected IT applications and air-gapped environments, without the need to integrate their systems infrastructure. These clients also find value in defining Business Roles that consider related, yet technically disconnected data, (such as job titles in the HR system) ensuring that only authorized and appropriate identities have access to their complex environments.*

2. Ensure Compliance

Regulatory requirements around data privacy and cybersecurity are becoming essential across all applications, including air-gapped technologies and infrastructure. A robust, dynamic and flexible identity governance solution helps ensure you remain compliant with evolving regulations, reducing the risk of fines and penalties. *Gathid clients enjoy the flexibility of uploading/pushing read-only identity, access and roles and permissions data to their Gathid platform and leveraging the flexibility the application provides to determine relationships within and between their complex data structures.*



3. Improve Visibility

Managing identities across hybrid environments, legacy systems, and modern cloud platforms is a complex task. *Gathid's clients leverage simple daily snapshots that form an instantaneous unified view of all identities and access rights, giving organizations the insight needed to run policy checks and maintain control over who has access to critical OT and IT resources.*

4. Strengthen Cyber Resilience

Cyberattacks targeting OT systems are on the rise. From ransomware attacks on manufacturing plants to breaches that disrupt public utilities, industrial environments are increasingly in the crosshairs of cybercriminals. *Gathid's patented digital twin and knowledge graph technology offer the tools necessary to mitigate these threats, ensuring that your identity governance strategy is as resilient as your systems.*

Why Gathid?

Gathid's platform combines digital twin technology, identity data snapshots, and knowledge graphs to deliver a 360° view of your identity landscape. The solution creates daily models of identities and their access privileges across applications and systems, giving system administrators, CIOs, and CISOs the visibility they need to protect their operations.

With Gathid, you can:

- Achieve a holistic, unified view of all OT and IT identities.
- Monitor access privileges across both physical and digital environments.
- Identify anomalies, potential risks, and toxic role combinations quickly.
- Simplify compliance and enhance cyber resilience.

Don't wait for security gaps to compromise your operations. Contact Gathid today to discover how our platform can help you achieve comprehensive, secure identity governance that supports your OT and IT environments.

What's Next?

In this series, we've explored the importance of securing identity governance in the converging world of OT and IT. As you move forward, take action now to bolster your cybersecurity defenses by embracing advanced technologies that provide contextual visibility and proactive risk management. Contact Gathid to learn how you can future-proof your identity governance strategy today.

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