

How leading manufacturers achieve secure, fast access

Digital transformation is reshaping manufacturing, but security maturity hasn't kept pace.

57%

of manufacturers experienced a ransomware attack last year

61%

faced multi-day disruptions that cost more than \$125,000 per hour of downtime

80%

reported rising demand for access management solutions

58%

of manufacturers are more likely than their peers to use user and device authentication to protect productivity and uptime

Source: [*IDC InfoBrief, sponsored by Imprivata, Manufacturing's Digital Transformation Dilemma, IDC #US53662525, July 2025*](#)

To compete in this environment, manufacturers must modernize access, not just to strengthen security, but to simplify it.

Use this checklist to evaluate your readiness.

1

Strengthen identity and access governance

- Apply **role-based access controls (RBAC)** to ensure users — employees, vendors, and contractors — only access what they need
- Standardize policies across IT and OT environments for complete visibility
- Regularly audit access to maintain least-privilege permissions
- Implement automated provisioning and de-provisioning to reduce risk from temporary staff and contractors

2

Modernize authentication everywhere

- Adopt **multifactor authentication (MFA)** and **passwordless** options such as biometrics or FIDO authentication
- Use **single sign-on (SSO)** for fast, frictionless access to both legacy and cloud applications
- Enable consistent authentication across shared workstations, mobile devices, and connected equipment
- Incorporate **No Click Access™** for instant, secure workstation logins

3

Bridge the IT/OT divide

- Integrate access management across IT and OT systems to unify identity controls
- Secure legacy OT assets while supporting modern cloud and SaaS applications
- Use analytics to monitor access behavior and detect anomalies across environments
- Align access management with frameworks such as **CMMC 2.0** or **NIS2** for ongoing compliance

4

Empower frontline productivity

- Choose solutions designed for shared and shift-based workflows.
- Simplify interfaces and authentication steps. Ease of use is essential given that **digital literacy is one of the top skill gaps** among frontline workers.
- Deliver personalized, fast access without shared credentials.
- Use access analytics to identify and eliminate login friction that slows production.

5

Build a culture of operational security

- Form cross-functional teams to align IT, OT, and operations leadership
- Establish a clear escalation and review process for access issues
- Tie identity management metrics to business outcomes — uptime, productivity, and compliance
- Regularly refresh training so every worker understands their role in secure, efficient operations

Leading manufacturers know that every second of critical work must be both frictionless and secure.

Those who invest in **interoperable, identity-centric access management** today will gain the agility, resilience, and trust needed to lead tomorrow.

How Imprivata helps

Imprivata delivers simple and secure access management solutions purpose-built for manufacturing. From **multifactor and passwordless authentication** to **single sign-on, mobile access management**, and **privileged and third-party access management**, Imprivata helps organizations secure every device and workflow without slowing production.

[Learn more about Imprivata for manufacturing](#)