

A Multi-Layered Approach to Modern ERP Security

Stop Losing Sleep Over Business Data Risks

Securing your ERP system is essential for protecting your most valuable business data and ensuring operational continuity, which builds a foundation of trust with your partners and customers. A comprehensive security strategy safeguards against evolving threats, maintains regulatory compliance, and enables your teams to collaborate and innovate with confidence.

Cloud ERP providers like Acumatica can offer a more robust, multi-layered defense—integrating world-class infrastructure, proactive threat management, and dedicated expertise—that far exceeds what most companies can achieve on their own. Visit our website to learn more about Acumatica's [modern security features](#).





7 Layers of Acumatica Cloud ERP Security



Authentication

Verifies the identity of users accessing the system.

- User Name and Password
- Multi-Factor Authentication (MFA)
- Single Sign-On (SSO)



Authorization

Controls what authenticated users can access and do within the system.

- Role-Based Access Control (RBAC)
- Permission Sets
- Workflow Restrictions



Data Security

Protects sensitive data from unauthorized access or exposure.

- Field-Level Security
- Row-Level Security
- Data Encryption (TLS and AES)



Application Security

Ensures the ERP application itself is secure from vulnerabilities.

- Input Validation
- Session Management
- Audit Trails and Logs



Integration Security

Secures data exchange between the ERP app and external systems.

- API Security (OAuth, API Keys)
- Web Services Protection (SOAP/REST Endpoint Security)
- Data Mapping Controls



Infrastructure Security

Protects the underlying hardware, network, and hosting environment

- Firewall and Network Segmentation
- Cloud Security and Cybersecurity Controls (Amazon Web Services)
- Backup and Disaster Recovery



Compliance and Governance

Ensures the ERP system adheres to legal and regulatory standards.

- Audit Logs and Reporting
- Policy Enforcement
- Regulatory Compliance (GDPR, FDA, SOX, more)

“[Ransomware] spread throughout all three counties; all the computers and servers except for one Active Directory server, one file server, and our backup...It was a nightmare for the whole agency. We were down for two weeks without Internet...There was absolutely no effect at all on Acumatica; it was just a matter of not having the Internet, so [anyone needing it] just worked from home.”

– Tammy Raub, CFO, Mozaic

[Learn More](#)



Q-Pac | Acumatica Customer



Acumatica Cloud ERP is a comprehensive business management solution that was born in the cloud and built for more connected, collaborative ways of working. Designed explicitly to enable small and mid-market companies to thrive in today's digital economy, Acumatica's flexible solution, customer-friendly business practices, and industry-specific functionality help growing businesses adapt to fast-moving markets and take control of their future.

For more information on Acumatica, visit www.acumatica.com or follow us on [LinkedIn](#)

 **Acumatica**
The Cloud ERP