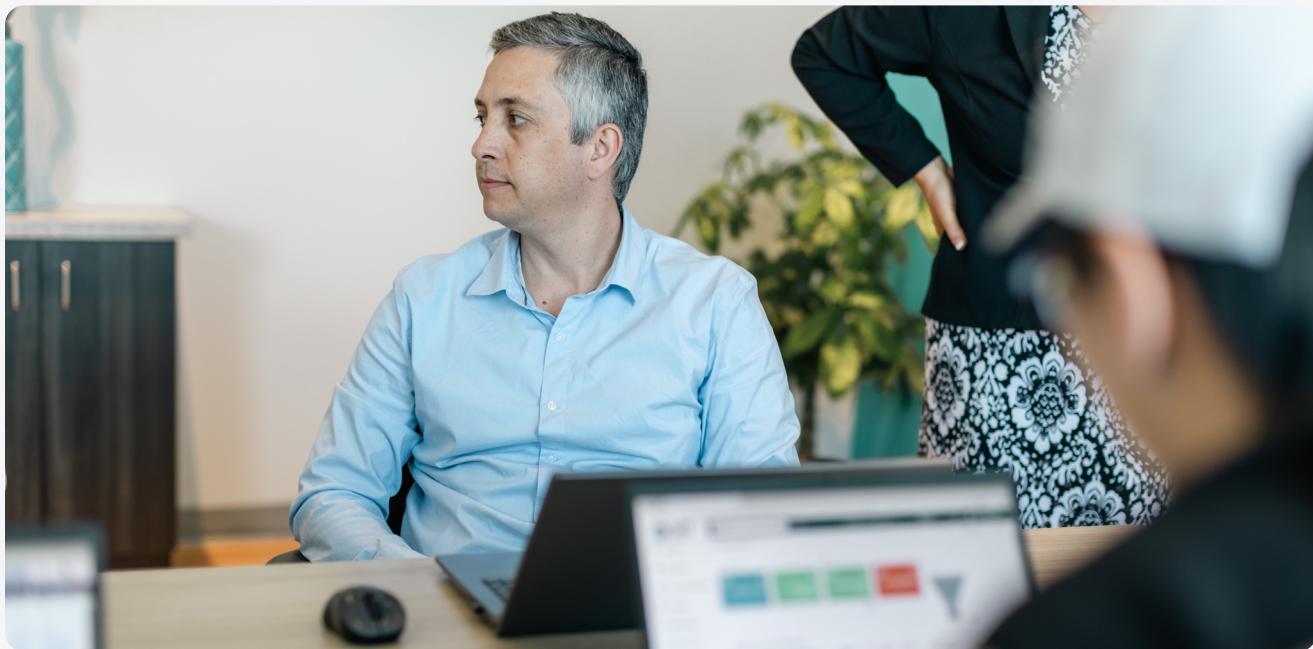


# A Multi-Layered Approach to Modern ERP Security

## 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](http://www.acumatica.com) or follow us on [LinkedIn](#)