



SECURITY, COMPLIANCE & ARCHITECTURE OVERVIEW



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This document provides an overview of the security architecture, integration safeguards, and financial governance controls supporting ACOM solutions, including AutoLedger, EZConnect (EDI), and IBM i Document & Payment tools. ACOM solutions are designed to integrate securely into IBM i (AS/400), on-prem, hybrid, and cloud ERP environments without requiring schema changes, ERP replacement, or inbound firewall exposure.

1. Secure Integration Architecture (All Solutions)

- Outbound-only secure bridge available (no inbound firewall ports required)
- No ERP schema modifications required
- API-based and file-based integration options supported
- Least-privilege service account configuration
- Controlled deployment windows with documented rollback procedures

2. AutoLedger – AP Automation Security Controls

- Duplicate invoice detection prior to ERP posting
- Configurable tolerance rule enforcement
- Role-based access controls (RBAC)
- Multi-level approval workflows
- Structured approval and posting audit trails
- Idempotent posting logic with retry safeguards
- Encryption in transit (TLS) and encryption at rest

3. EZConnect – EDI Security & Trading Partner Controls

- Support for secure transport protocols (SFTP, AS2 where applicable, TLS-secured channels)
- Certificate-based authentication (where applicable)
- ANSI X12, EDIFACT, XML structured validation
- Trading partner-specific configuration and isolation
- Functional acknowledgment tracking (e.g., 997/999)
- Full EDI transaction logging and audit history
- Secure file handling within IBM i IFS and controlled directory permissions

4. IBM i Document Output & Payment Tools Security

- Native IBM i integration without database restructuring
- Spool file processing with controlled access permissions
- PDF generation and secure document distribution via SMTP
- MICR check printing controls and ACH file generation safeguards
- Positive Pay file support (where enabled)
- Multi-partition (LPAR) compatibility without cross-environment disruption



5. Data Protection Standards

- Encryption in transit (TLS-secured communication)
- Encryption at rest for stored financial data
- Secure credential handling and access controls
- Minimal data replication; no shadow databases

6. Logging, Monitoring & Auditability

- Structured event logging (approvals, configuration changes, posting events)
- EDI transaction logs and transmission confirmation records
- Reconciliation logs for ERP confirmation
- Health monitoring and error tracking
- Supports internal and external audit review processes

7. Governance & Compliance Alignment

- Designed to support SOX-aligned internal control objectives and audit documentation requirements
- Facilitates segregation of duties and approval oversight
- Enables retention of audit-ready financial documentation
- Designed to support regulatory and internal compliance requirements

8. Deployment & Operational Safeguards

- Preflight compatibility checklist
- Golden invoice or transaction validation testing
- Controlled production rollout
- Documented rollback plan
- Ongoing monitoring and structured support escalation

ACOM Systems delivers modern automation that strengthens financial governance, supports secure EDI exchange, and preserves ERP stability across IBM i, on-prem, hybrid, and cloud environments. For detailed security questionnaires or architecture discussions, contact ACOM Systems.

