Payliance™

ACH Tokenization

Secure Payment Processing for ISO Partners



Transform sensitive bank account and routing numbers into secure tokens while maintaining full payment functionality, protecting your merchants and strengthening the security posture of your entire ISO portfolio and their customers from breach exposure.

The Operating Environment

Safeguarding merchant data and meeting security standards becomes more challenging as your ACH volume grows, particularly as ISOs face portfolio-wide exposure across multiple merchant environments and underwriter expectations for consistent data-handling practices.

Payliance ACH Tokenization replaces raw account details with secure tokens, helping you reduce exposure, simplify compliance, and protect the value of your portfolio by ensuring merchants never store or transmit sensitive ACH credentials in a readable format.

Key Challenges Facing ISOs

Sensitive Data Exposure

Storing and transmitting bank account information can expose merchants to potential data breaches, creating portfolio-level liabilities for ISOs who must maintain sponsor bank, underwriter, and agent compliance.

Rising Regulatory Standards

Industry mandates increasingly require originators and processors to render stored ACH data unreadable, specifically applying to ACH account data “at rest” under Nacha rules. While encryption is commonly used, tokenization goes further by completely eliminating merchant possession of raw credentials, an important differentiator for ISOs managing diverse merchant systems.

Fraud and Returns

Unauthorized transactions and excessive returns challenge merchant profitability, increase ODFI scrutiny, and threaten ISO portfolio health through elevated return-rate monitoring and potential merchant account termination.

Operational Bottlenecks

Manual processes, inefficient workflows, and limited visibility make it harder to support your merchants, particularly when managing multi-merchant reconciliation, onboarding, and risk review across a growing ISO portfolio.

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The Payliance ACH Tokenization Solution

The Payliance ACH Tokenization solution is engineered for speed, compliance, and security across diverse merchant environments, allowing ISOs to enforce uniform data-handling standards across all merchants, regardless of their technical maturity.

These tokens maintain full payment functionality while shielding merchants and ISO partners from exposure in the event of a breach or unauthorized access.

How ACH Tokenization Works

Collect

1 Customer bank account details are captured by the lender and securely passed through Payliance APIs or portals.

Generate

2 A unique token is created to replace the account and routing numbers, with sensitive data stored in a protected environment with an added layer of security.

Initiate

3 The token is then used to process ACH transactions and recurring payments without exposing actual account details.

Integrate

4 Tokenization fits seamlessly into existing Payliance workflows for batch or API-based processing.

Comply

5 Each tokenized transaction remains tied to the original authorization and SEC code type (i.e. WEB, TEL, PPD), preserving traceability and compliance with Nacha and ODFI audit requests.

Key Solution Benefits

Portfolio-Wide Security

Tokenization ensures that sensitive ACH data is replaced with secure, single-use identifiers that have no value to attackers, reducing ISO portfolio exposure and strengthening sponsor bank confidence in merchant data handling.

Compliant by Design

Embedded compliance features ensure ACH data is rendered unreadable at rest, simplifying audit readiness and meeting Nacha requirements for account data security. Cloud-based reporting provides transparency across all merchants in an ISO portfolio.

Portfolio-Risk Reduction

Tokenization helps mitigate financial risk across your portfolio by reducing unauthorized transactions and lowering return-rate volatility that can impact ISO underwriting relationships and residual earnings.

Operational Efficiency

The platform supports merchants of all sizes and technical capabilities while creating a unified workflow for ISOs managing diverse merchant systems and operational maturity.

Strategic Growth Enablement

The solution supports expansion across diverse merchant types, allowing ISOs to scale portfolios confidently without increasing data-handling risk or operational oversight burden.

Platform Features and Capabilities

Integration Options



- **Direct API Integration:** Connect sophisticated merchants' systems directly to Payliance
- **Batch File Processing:** Support for traditional merchants with existing workflows

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Processing Capabilities



- **Multiple ODFI Support:** Redundancy and reach through multiple banking relationships
- **Same-Day ACH Processing:** Accelerated funding options for your merchants
- **Flexible Cut-off Times:** Extended processing windows to optimize cash flow

Risk Management Tools



- **Portfolio Return Rate Monitoring:** Provides visibility into return trends to prevent threshold breaches that could trigger ODFI intervention.
- **Verification Services:** Reduces NSF and unauthorized debit exposure for merchants and ISO partners through integrated verification tools.
- **Compliance Reporting:** Supports ISO-wide merchant oversight with consolidated reporting to streamline audit preparation and regulatory review.

ISO Management Tools



- **Multi-Merchant Dashboard:** Monitor all merchant accounts from a single portal
- **Tiered Pricing Controls:** Set rates by merchant category or volume
- **Revenue Reporting:** Supports accurate calculation and tracking of residuals associated with tokenized processing.

Why Choose Payliance for ACH Tokenization

Deep Industry Experience

Payliance brings decades of lending and ACH risk expertise focused on portfolio growth, merchant retention, and risk mitigation, helping ISOs meet complex sponsor bank and underwriter expectations.

Purpose-Built for ISOs

The platform supports diverse merchant risk profiles, including high-risk categories that require strict ACH data governance, and provides multi-merchant audit traceability and centralized compliance controls.

Commitment to Security and Compliance

Payliance positions your merchants and your ISO organization to stay ahead of evolving requirements, operate securely, and foster trust with customers and upstream banking partners.

NEXT STEPS

Unlock the potential of secure, efficient ACH processing for your merchant portfolio with Payliance ACH Tokenization. Connect with our Partner Team to:

- Review your portfolio needs and growth objectives, including current ACH data-storage practices across your merchant base and opportunities to reduce raw credential handling through tokenization.
- See the platform in action through a tailored demo.
- Explore integration and onboarding options aligned to your merchants' technical environments.

To learn more, scan the QR code and complete a brief form to get started.

About Payliance

Payliance, founded in 2007, simplifies lending and borrowing by optimizing payment acceptance, reducing processing costs, and mitigating fraud risk. Serving 350+ lenders and 40,000+ merchant locations, they process 203 million transactions annually worth $92 billion. Their Payments-as-a-Service platform boosts payments performance by increasing approvals, streamlining transaction processing, and reducing charge-offs.

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