



BITDATA AML WHITEPAPER

BitDATA PayFi Compliance & AML Whitepaper
Securing the Bridge Between Fiat and Digital Assets



01. Executive Summary

As global regulations continue to evolve, the digital asset industry is shifting from growth-driven to compliance-driven.

BitDATA is building a new generation of PayFi infrastructure that enables efficient fund movement while maintaining a robust Anti-Money Laundering (AML) and risk control framework.

Our principle is clear:

Funds should move efficiently – but always within a controlled and compliant framework.

02. Industry Challenges

1. Traditional Financial System

- Limited support for digital asset activities
- High cost and inefficiency in cross-border payments
- Limited visibility into emerging fund flows

2. Digital Asset Industry

- Lack of unified AML standards
- Exposure to high-risk funds
- Platforms focusing on volume rather than compliance

3. Core Challenge

Balancing financial accessibility with regulatory compliance.

03. BitDATA Solution

BitDATA provides a PayFi infrastructure that integrates:

- Multi-currency virtual accounts (USD, SGD, etc.)
- Global payment rails (SWIFT, Fedwire, FAST)
- Stablecoin channels (USDT, USDC)
- Payment solutions (Nexus Card)

All supported by a comprehensive AML framework.

04. AML Framework

BitDATA adopts a layered risk control model.

1. KYC (Identity Verification)

- Multi-level identity verification
- Facial recognition and liveness detection
- Proof of address
- High-risk jurisdiction screening

2. Behavioral Monitoring

Continuous monitoring of:

- Rapid fund movement
- Structuring patterns
- Abnormal transaction frequency

3. Fund Flow Analysis

- Account linkage detection
- Transaction path tracking
- Identification of abnormal flow structures

4. Business Logic Assessment

Beyond transactions, we evaluate:

- Consistency with user profile
- Transaction purpose
- Economic rationale

5. Off-Ramp Control

Special focus on fiat-to-crypto conversion:

- Tiered limits
- Cooling periods
- Enhanced Due Diligence (EDD)

05. On-chain Monitoring

BitDATA monitors blockchain activity:

- Wallet risk scoring
- Suspicious transaction detection
- Source-of-funds tracing

06. Risk Detection Capabilities

The system detects patterns such as:

- Coordinated account activity
- Fund layering
- Aggregated outflows

High-risk cases are subject to further review or restriction.

07. Compliance Framework

BitDATA operates with a modular compliance structure:

- Multi-jurisdiction adaptability

- Partnerships with licensed entities
- Alignment with global AML standards (e.g., FATF)

08. User Protection

Our AML system also protects users:

- Prevents account misuse
- Reduces exposure to illicit funds
- Provides transparent review processes

09. Institutional Capabilities

BitDATA provides:

- AML APIs
- Fund flow analytics
- Custom compliance strategies

Suitable for:

- Payment companies
- Digital asset platforms
- OTC desks
- Asset managers

10. Key Advantages

- Hybrid capability across fiat and crypto
- Transparent and explainable risk control
- Built for real business use cases
- Native PayFi architecture

11. Future Outlook

BitDATA continues to invest in:

- Advanced risk modeling
- On-chain compliance tools
- Open API ecosystem

12. Conclusion

In the evolving financial landscape:

Trust is built on systems, not assumptions.

**BitDATA aims to provide a secure and compliant foundation
for global fund movement.**