

TransferIQ Orchestrate:
Enterprise-Grade AWS Managed File Transfer

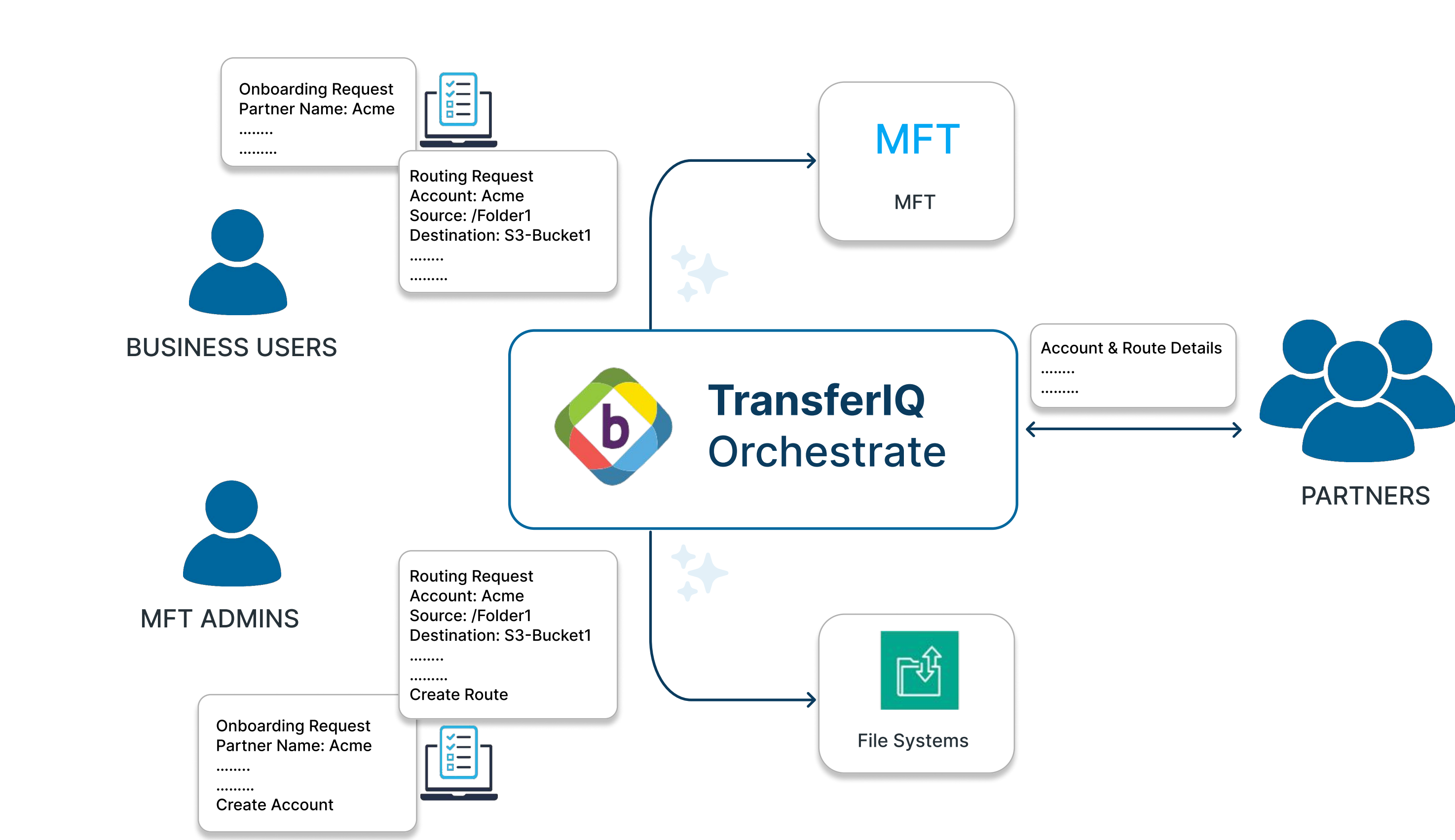
Secure, Scalable, Cloud-Native MFT for Regulated Industries

Transform your file transfer operations with TransferIQ Orchestrate, a comprehensive Managed File Transfer (MFT) solution built on AWS Transfer Family. Delivered via AWS Marketplace, this enterprise-grade platform offers automated workflows, unified management, and zero-trust security, reducing total cost of ownership (TCO) by 50-75% compared to traditional MFT solutions.

Product Overview

TransferIQ Orchestrate streamlines secure file transfers in a Bring-Your-Own-Cloud (BYOC) model. Deployed as a hardened AMI or container on Amazon EKS/ECS, it integrates seamlessly with AWS services, providing a single pane of glass for managing partners, routes, and workflows across protocols (SFTP, FTPS, HTTPS, AS2, EDI). Designed for regulated industries, it ensures compliance with HIPAA, GDPR, PCI DSS, and SOC standards while delivering high uptime through AWS's resilient infrastructure.

Key Value Proposition: Simplify partner onboarding, standardize workflows, and reduce complexity with self-service tools, AWS-native scalability, on-demand billing, and zero-trust security, all while utilizing existing AWS expertise.



Core Features

Automated Deployment

- Pre-built **CloudFormation** and **Terraform** scripts for rapid setup
- Optimized AWS MFT configurations with **AWS KMS**, **IAM roles**, and **VPC** integrations
- Admin pages for launching infrastructure scripts with credential validation

Enterprise Scalability

- Kubernetes-based**, multi-AZ architecture on **Amazon EKS** or **ECS**
- Elastic scaling with **Application/Network Load Balancers (ALB/NLB)**
- High-availability design for mission-critical workloads with 99.95%+ uptime

Advanced File Processing

- 12+ out-of-the-box transformations (e.g., encryption, compression)
- Support for large files across all protocols
- No custom scripting is required for workflows
- Resilient data exchange using **AWS connectors** for Partner SFTP services

Unified Management Portal

- Single interface for admins and business users
- Self-service partner onboarding, route setup, and key rotation
- Real-time monitoring with **AWS CloudWatch**
- Event alerting and audit trails via **AWS CloudTrail**

Zero-Trust Security

- Zero-trust model** with continuous verification of identities and devices
- Deep integration with AWS IAM and third-party tools (**Okta**, **PingIdentity**)
- Enterprise-grade **IAM roles** for least-privilege access
- Kubernetes RBAC for container deployments

Flexible Billing

- On-demand usage-based billing** is native to AWS MFT services
- Aligns costs with actual usage, eliminating rigid licensing fees

Enhanced Visibility

- Rich visibility into file transfer status via **AWS CloudWatch** & native AWS tools
- Business users monitor activity independently, reducing reliance on AWS/MFT admins.
- Detailed logs and metrics for transfer tracking and troubleshooting

Technical Specifications

Component	Details
Deployment	Hardened AMI (Amazon Linux 2023) or Docker container via AWS Marketplace
Protocols	SFTP, FTPS, HTTPS, AS2, EDI
Architecture	Kubernetes-based, multi-AZ with EKS/ECS, 99.95%+ uptime
Security	AWS KMS encryption, IAM policies, VPC endpoints, Kubernetes RBAC, zero-trust
Scaling	Vertical (m5.large to m5.xlarge) + Horizontal via Kubernetes
Monitoring	AWS CloudWatch integration for real-time visibility and metrics
Access Control	AWS IAM, Okta/PingIdentity integration, AWS Systems Manager Session Manager (AMI), Kubernetes APIs (container)

Security & Compliance

- **Compliance:** Built-in support for **HIPAA, GDPR, PCI DSS, and SOC**
- **Zero-Trust Architecture:** Continuous verification, least-privilege access, and secure endpoints
- **Encryption:** AWS KMS with automated key rotation
- **Access Control:** Least-privilege IAM roles, Okta/PingIdentity integration, Kubernetes RBAC
- **Network Security:** Private subnets, NAT Gateways, VPC endpoints
- **Security Testing:**
 - Static (SAST) with **SonarQube**
 - Software Composition Analysis (SCA) with **OWASP Dependency-Check**
 - Container scanning with **Docker Scout** or **Trivy**
 - Dynamic (DAST) with **OWASP ZAP**
 - Quarterly manual penetration testing
- **Customer Guidance:** Periodic penetration testing is recommended for modified configurations

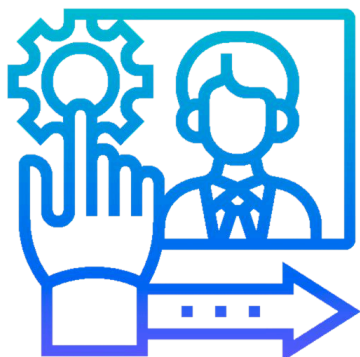


Business Benefits



Cost Optimization

- 50-75% TCO reduction vs. traditional MFT solutions
- On-demand, usage-based billing native to AWS
- Utilizes existing AWS infrastructure



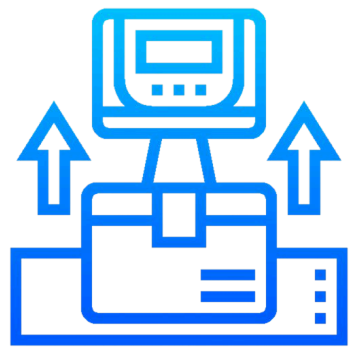
Rapid Deployment

- 1-2 days for proof of concept (POC)
- 2-4 weeks for production deployment
- Streamlined partner onboarding



Operational Efficiency

- No specialized MFT expertise required
- Self-service tools and visibility for business users
- Multiple sequential workflows per account
- Integrates with existing AWS administrator skills



High Availability

- 99.95%+ uptime powered by AWS's multi-AZ architecture and SLAs
- Robust failover with ALB/NLB and Kubernetes orchestration
- Ensures continuous operation for critical file transfers

Target Industries & Use Cases

- **Financial Services:** Regulatory reporting, payment processing
- **Healthcare:** Patient data exchange, claims processing
- **Insurance:** Policy data, claims management
- **Retail:** EDI transactions, supplier integration
- **Logistics:** Supply chain data, tracking information
- **Manufacturing:** Partner integration, compliance reporting

Support

- **Backflipt:** Core application support, configuration assistance
- **AWS Partners:** Professional services for setup and customization
- **Resources:**
 - **Website:** backflipt.com/TransferIQ-orchestrate
 - **AWS Marketplace:** Search “TransferIQ Orchestrate”
 - **Documentation:** Available post-purchase

Deployment & Support

Deployment Options

- **AWS Marketplace:** “Try and buy” model with Bring-Your-Own-License (BYOL)
- **Delivery:** Hardened AMI or container (ECS Fargate or EKS)
- **Setup:** Automated via CloudFormation/Terraform scripts

Shared Responsibility

TransferIQ/Backflipt	Customer
Application maintenance & updates	AWS infrastructure management
Hardened AMI/container packaging	Network security configuration
Technical support	OS/container runtime updates
Workflow configuration	Backup & disaster recovery

Get Started Today

1. **Evaluate:** Access TransferIQ Orchestrate via AWS Marketplace
2. **Demo:** Schedule a consultation at backflipt.com
3. **Deploy:** Launch a POC in 1-2 days

Contact Us:

Visit backflipt.com or email support@backflipt.com

