# Always On: Ensuring System Resilience with Active-Active Identity Platform

## Support hundreds of millions of customers with enterprise-class architecture

At Transmit Security, we understand that your ability to deliver uninterrupted service — especially during extreme or atypical situations — can make or break customer trust. That's why resilience isn't just an afterthought for us; it's one of our core differentiators.

## Challenge

### Regulatory compliance

With regulatory bodies tightening their grip on security and operational standards, compliance is more critical than ever. Failing to meet these stringent requirements can lead to severe penalties and reputational damage.

### Internal policies

As internal policies increasingly emphasize security and uptime, the pressure to maintain flawless operations is mounting. Your organization's commitment to these policies reflects a broader commitment to excellence and operational integrity.

### Extreme situations and failures

The true test of resilience comes when the unexpected happens. Whether it's a natural disaster, a cyberattack or a system failure, your ability to serve customers during atypical situations is what truly makes a difference.

## Solution

The Mosaic platform is designed to meet the demands of a world where business continuity is paramount. As a cutting-edge platform, Mosaic seamlessly fuses customer identity management, identity verification and fraud prevention into a single, frictionless solution.

With resilience at its core, Mosaic ensures that your organization can maintain seamless operations, regardless of the challenges. Our active-active multi-cloud global presence is a testament to this commitment, providing the robust infrastructure needed to keep your services running smoothly across AWS and GCP.

## Best Practices

### Automations for flexibility and scale

Quickly adjust to changing demands, whether it's scaling up during peak periods or adapting to new regulatory requirements.

### Strict security measures

Remain compliant with the most stringent regulations while safeguarding your customers' trust and UX.

### SOC2 compliance

Meet the highest industry benchmarks for protecting customer data and maintaining system reliability.

## Sophisticated Operation

### Independent cluster monitoring

If one cluster encounters a problem, it won't compromise the integrity or performance of the others.

### Observability portal

Quickly identify and resolve issues, optimize performance and make informed decisions based on comprehensive data.

### Alerts-as-Code

Code alerting mechanisms directly into your infrastructure

# Key Features

The Mosaic platform is equipped with several key features designed to keep your systems operational, no matter the circumstances.

These features are meticulously crafted to address the challenges of modern digital environments, ensuring that your services remain accessible, secure and performant even in the face of potential disruptions.

## Identity Caching

**A resilient safety net for ensuring customer access**

- Continuously caches critical identity data for uninterrupted access.
- Seamlessly switches to cached data during primary system downtime.
- Supports authentication and authorization through cached data.
- Protects against disruptions in primary identity provider infrastructure.
- Enables you to predefine and maintain identity journeys during catastrophic events.

## Self-hostedinstallation

**Flexibility and control in the cloud**

- Full control over your cloud environment.
- Productized installation tools.
- Automatized setup of identity and authentication services.
- Simplicity for complex configurations, including load balancing and security settings.
- Tailored identity management solution with full ownership and flexibility.

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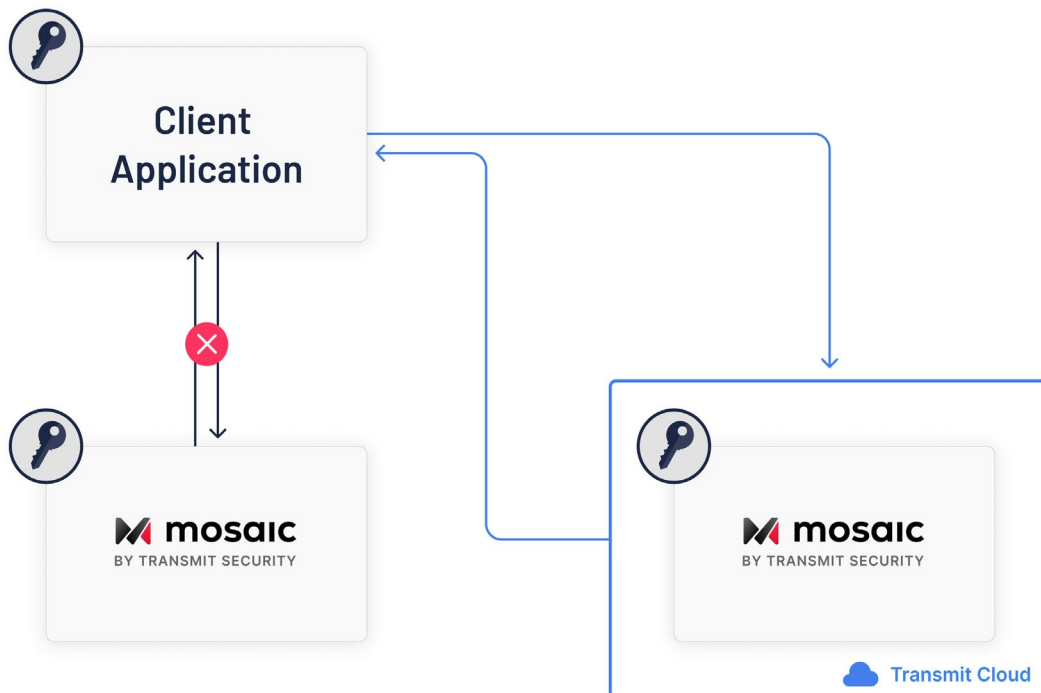
# Active-Active Mode

## Maximize resilience with multi-cloud

- Operates across AWS and GCP to ensure continuous service.

- Each cloud instance can handle the full load of identity management.

- Automatic failover between clouds for uninterrupted service.

- Ideal for organizations requiring zero downtime.
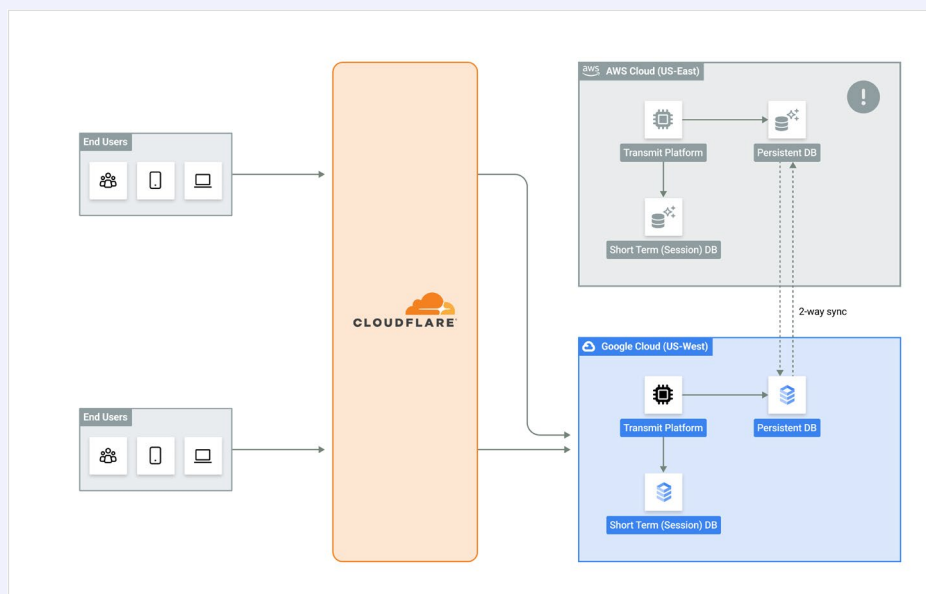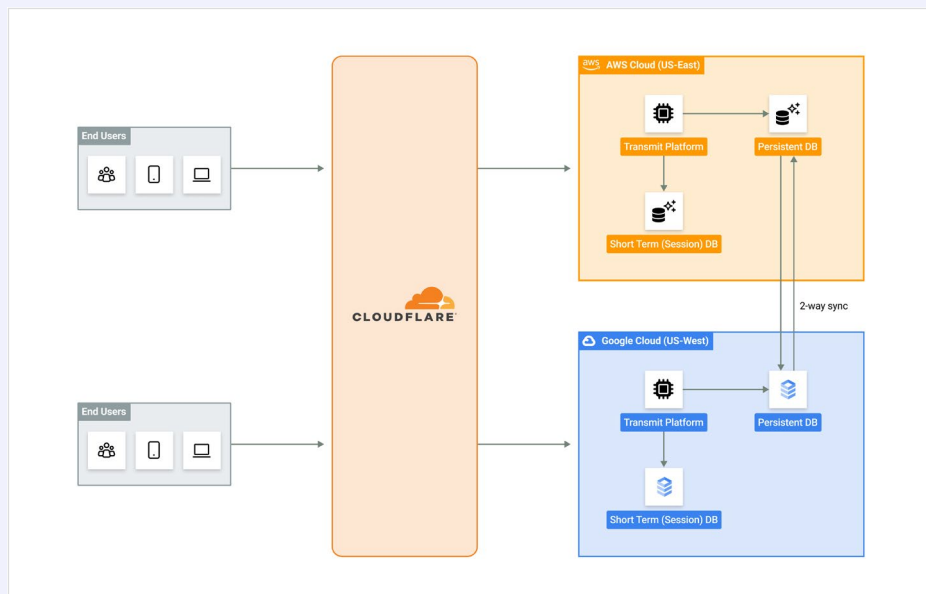
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# Benefits and Outcomes

The true value of a resilient and secure identity management platform lies in the tangible benefits it delivers to your organization. With Mosaic by Transmit Security, these benefits extend beyond just operational uptime — they translate into future-proofing your identity management, optimizing customer experiences and driving measurable improvements in efficiency and cost-effectiveness.

## Uninterrupted Service

**Ensure your services are always on and avoid financial losses**

- Adapts to evolving threats and technological advancements.
- Future-proof identity management evolves with business needs.
- Maintains uptime during potential disruptions.
- Safeguards systems against interruptions.
- Automates passwordless/passkey credentialing

## Optimal Customer Experience

**Offer great user experience and keep customers coming back**

- Ensures customer trust with continuous uptime.
- Delivers consistent, high-quality user experiences.
- Seamless access for users during peak times.
- Protects customer relationships by ensuring service reliability.
- Strengthens customer engagement through reliable services.

## Reduce Delivery Times

**Lightning-fast delivery for better outcomes**

- Accelerates rollout with automated processes.
- Streamlined deployment for cutting down on manual tasks.
- Faster time-to-market and time-to-value
- Competitive edge through faster delivery.

## Cut Operational Costs

**Reduce costs with efficiency and scalability**

- Reduces the need for extensive IT resources.
- Consumption-based pricing maximizes ROI.
- Offers ongoing financial benefits as the organization grows.
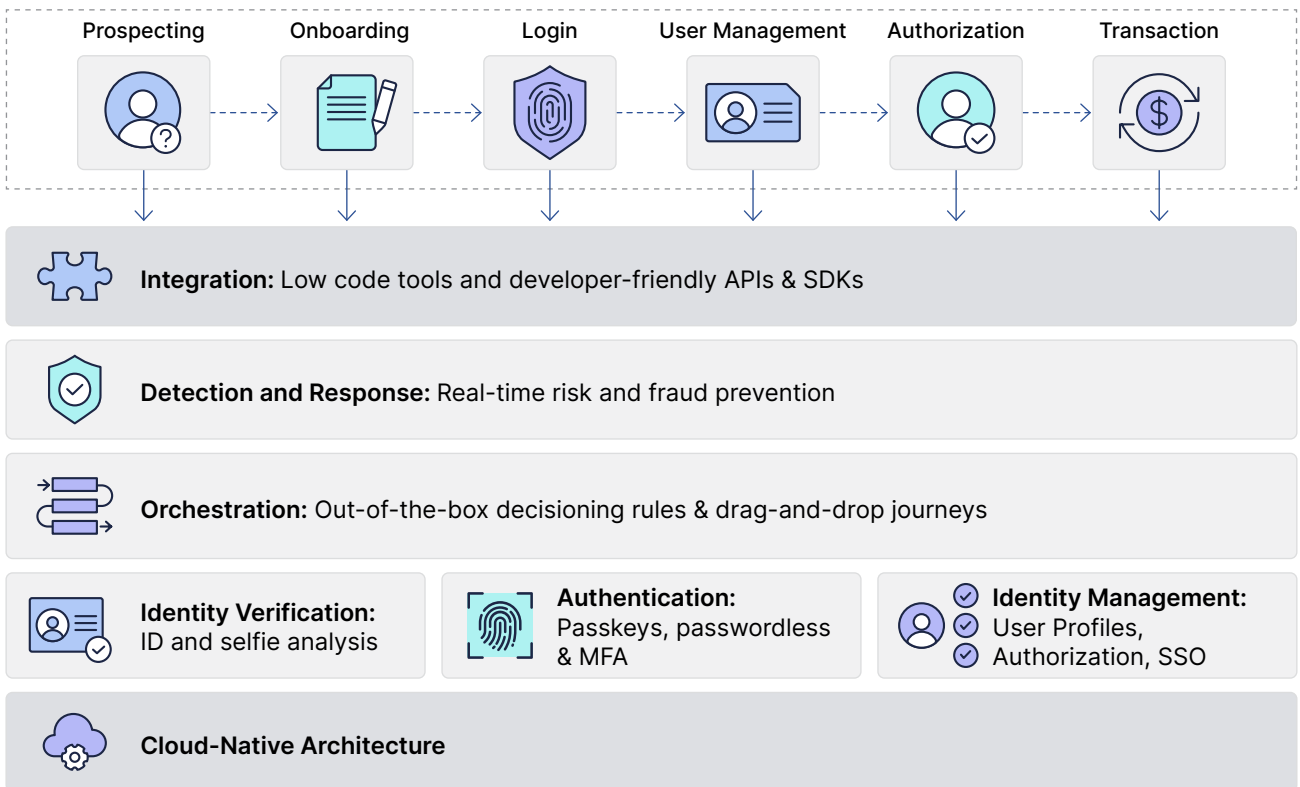- Cost-effective scaling with confidence.

## Enhance Visibility

**Centralized observability portal offers real-time insights**

- Sophisticated monitoring tools track performance and security.
- Proactively addresses potential issues.
- Optimizes customer interactions with data-driven decisions.
- Provides clarity and control for continuous improvement.

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# Mosaic by Transmit Security

The Mosaic platform fuses customer identity management, identity verification and fraud prevention into a single AI-powered, modular solution. With consumption-based pricing that ensures you only pay for what you use, Mosaic delivers enterprise-class identity security with resilience, agility and limitless scalability. Leveraging AI-driven, context-aware intelligence, a drag-and-drop journey builder and Identity Orchestration — an approach created by Transmit Security — it secures the entire customer journey, addressing challenges such as account opening, fraud detection and secure authentication for hundreds of millions of customers worldwide.



**Integration:** Low code tools and developer-friendly APIs & SDKs

**Detection and Response:** Real-time risk and fraud prevention

**Orchestration:** Out-of-the-box decisioning rules & drag-and-drop journeys

**Identity Verification:** ID and selfie analysis

**Authentication:** Passkeys, passwordless & MFA

**Identity Management:** User Profiles, Authorization, SSO

**Cloud-Native Architecture**

## About Transmit Security

Transmit Security is revolutionizing fraud prevention with AI-driven identity-security — a fusion of leading orchestration, fraud detection, identity verification, phishing-resistant authentication and identity management. To help companies minimize complexity and costs, the company delivers out-of-the-box use cases that solve the most difficult challenges. With cybersecurity in its DNA, Transmit Security is trusted by 7 'top 10' US banks and Fortune 500s. For more information, please visit  www.transmitsecurity.com