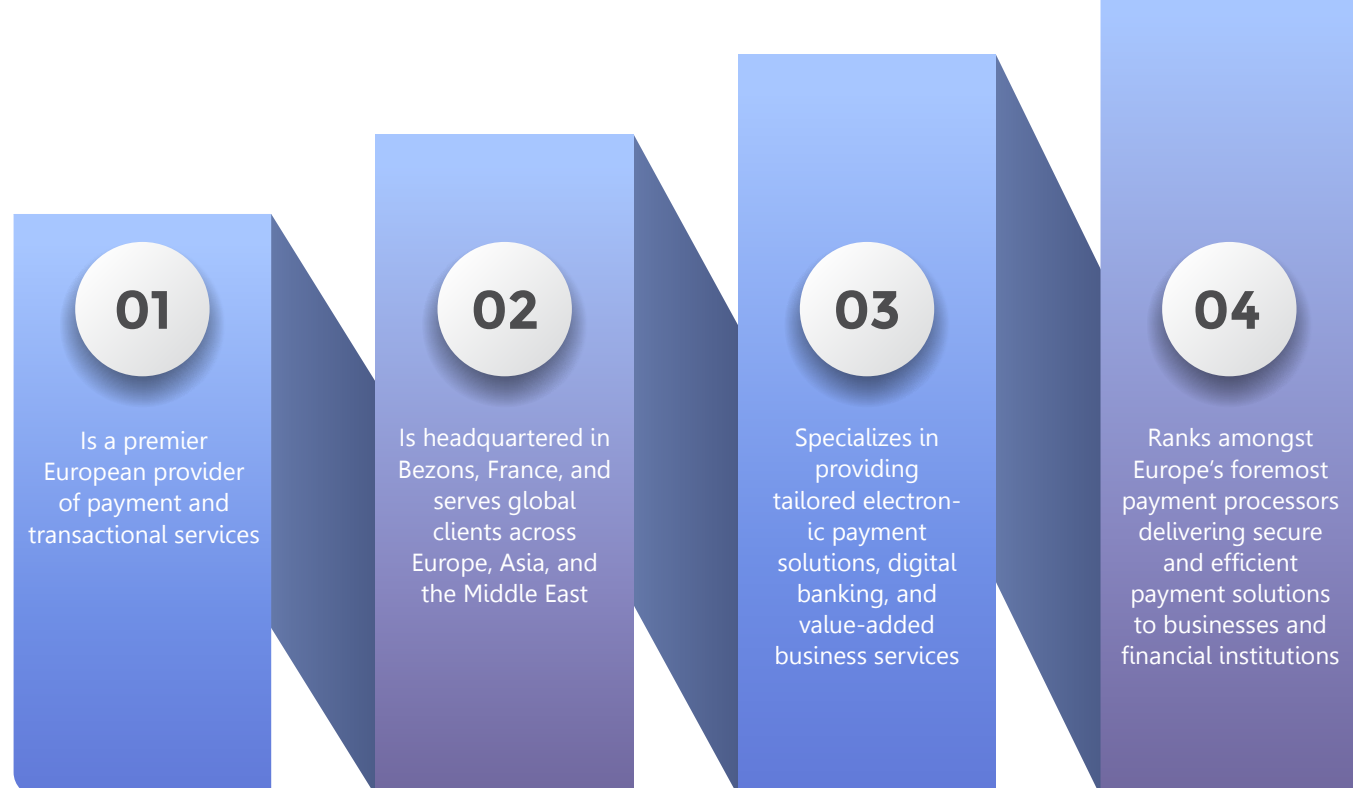




# FPaaS

Aided a premier payments and transactional services provider to optimize its processes to handle up to 2.5 million monthly transactions securely

## About the Client:



## Business Needs:

- Implement robust encryption protocols to eliminate unauthorized access and safeguard customers' trust and brand reputation
- Integrate diverse fraud prevention service providers to create a comprehensive defense system that mitigates fraudulent transactions and secures customer information
- Enhance fraud detection and prevention efforts to reduce chargebacks and associated penalties
- Implement measures to boost transaction legitimacy and financial stability



## Solutions:

- 1 Deployed an advanced defense system (FPaaS) to integrate multiple fraud prevention service providers against fraudulent activities seamlessly
- 2 Capitalized on the strength of various fraud detection services, including Microsoft DFP 365 and CyberSource to enhance the effectiveness of fraud detection
- 3 Automated the business workflow through Assessment API and minimized chargebacks by promptly routing transactions for fraud checks to Microsoft DFP 365
- 4 Integrated new fraud service providers for enhanced system functionality

## Technology Stack:

puppet	GitLab	FOREMAN	PagerDuty
PostgreSQL	Java	kibana	kafka
Microsoft 365	JMeter™	Terraform	POSTMAN
	cybersource A Visa Solution	sonarlint	

## Business Impact:

- Optimized the workflow to handle up to **2.5 million transactions monthly**
- Achieved rapid processing of **50-75 transactions in under 10 seconds** while maintaining a swift **average response time of 1.5 seconds**
- Ensured **uninterrupted round-the-clock assistance** for P1 and P2 incidents through a mission-critical business service with **99.99% availability**
- Secured the system against activities that risk financial and reputational integrity, ensuring **enhanced security and trust**

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