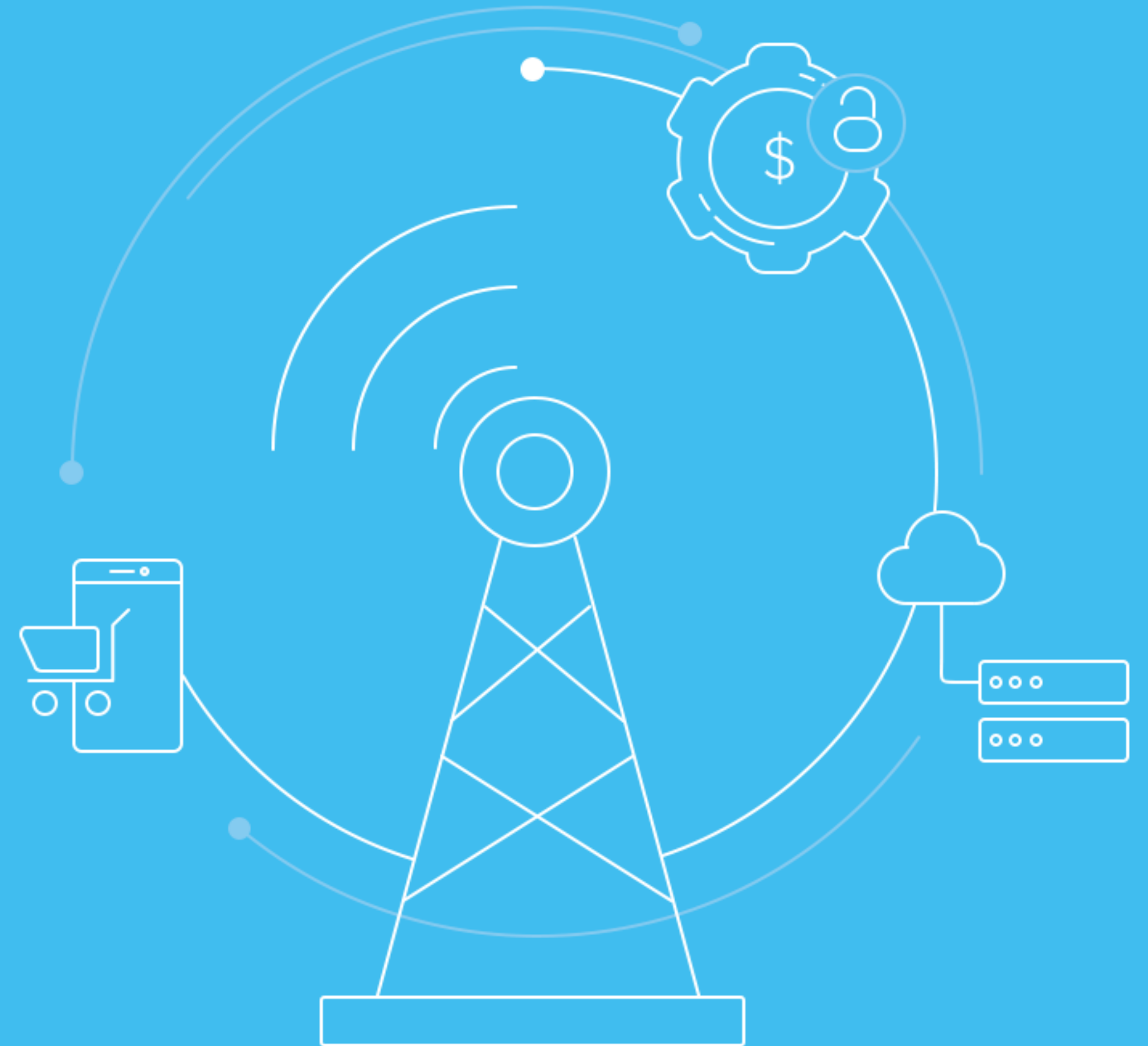**Software Service & Innovation**
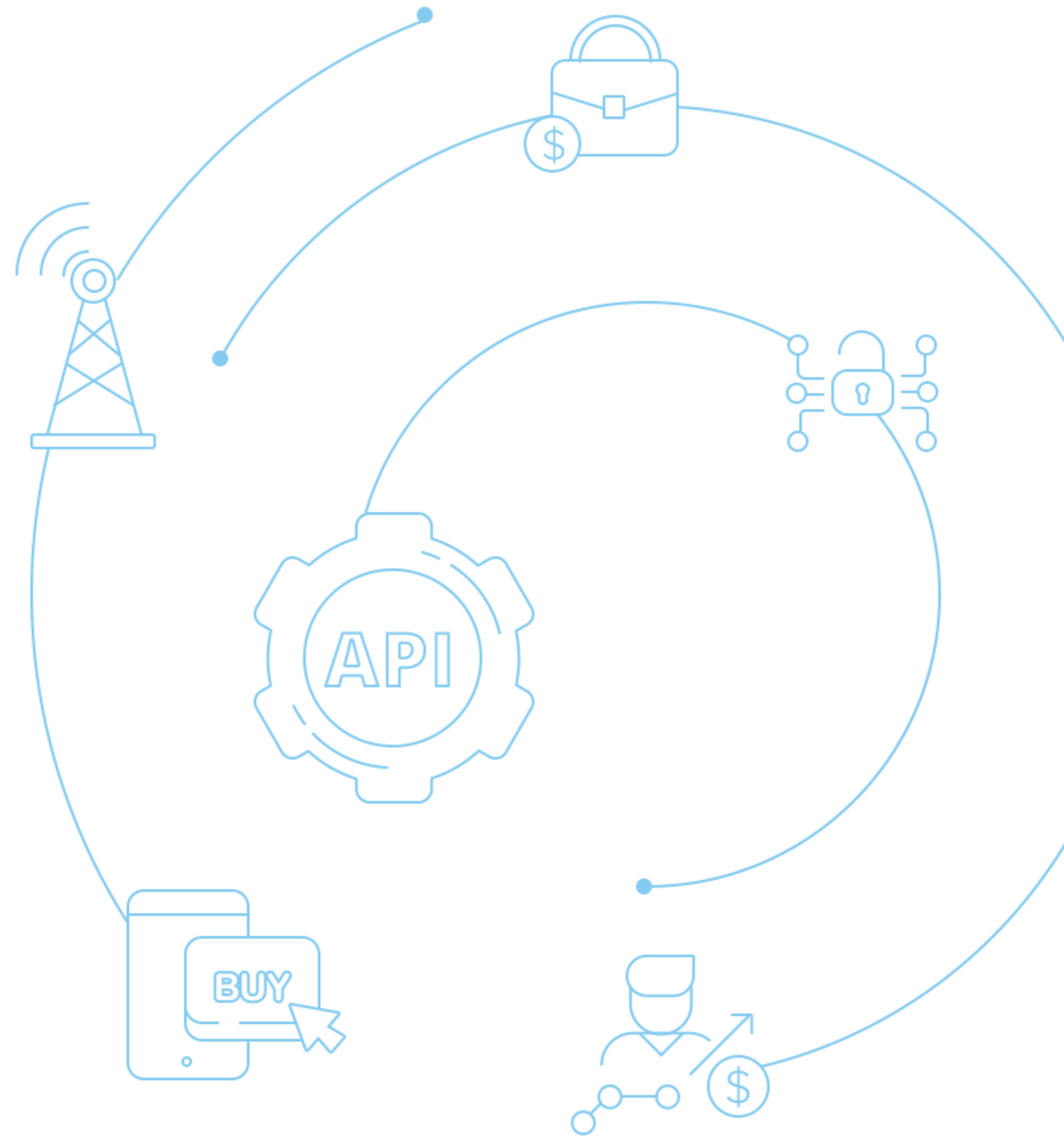
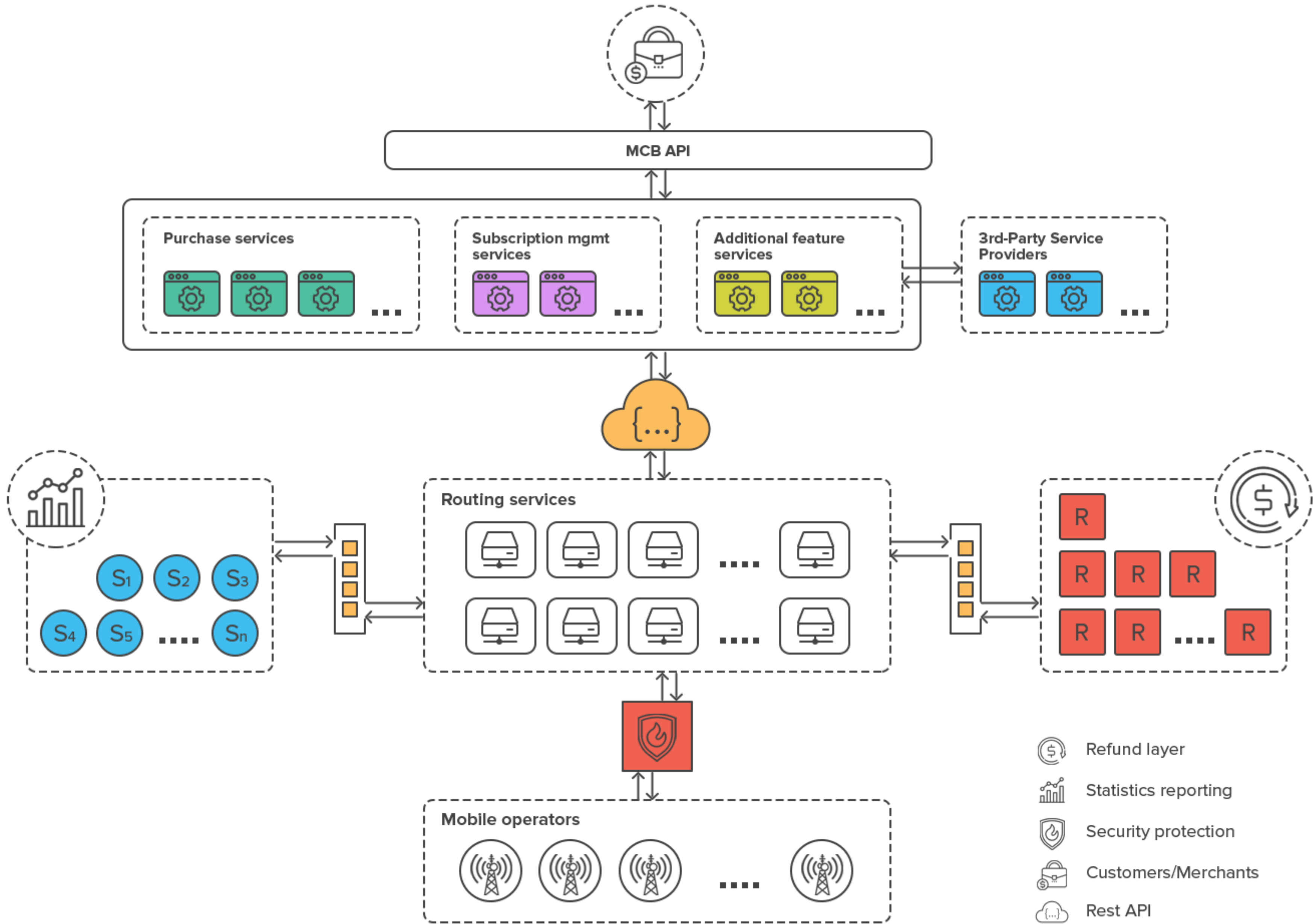Case study

MOBILE PAYMENT GATEWAY

Secure Integration:

• Fully integrated with mobile operators
  payment gateways

✔ Secured and direct API integration

• Fully integrated into merchants' checkout

✔ Secured and direct API integration

• Anti-fraud feature to secure the mobile
  billing industry from fraudulent traffic

✔ Rejecting non-authentic clicks, spoofing, etc...
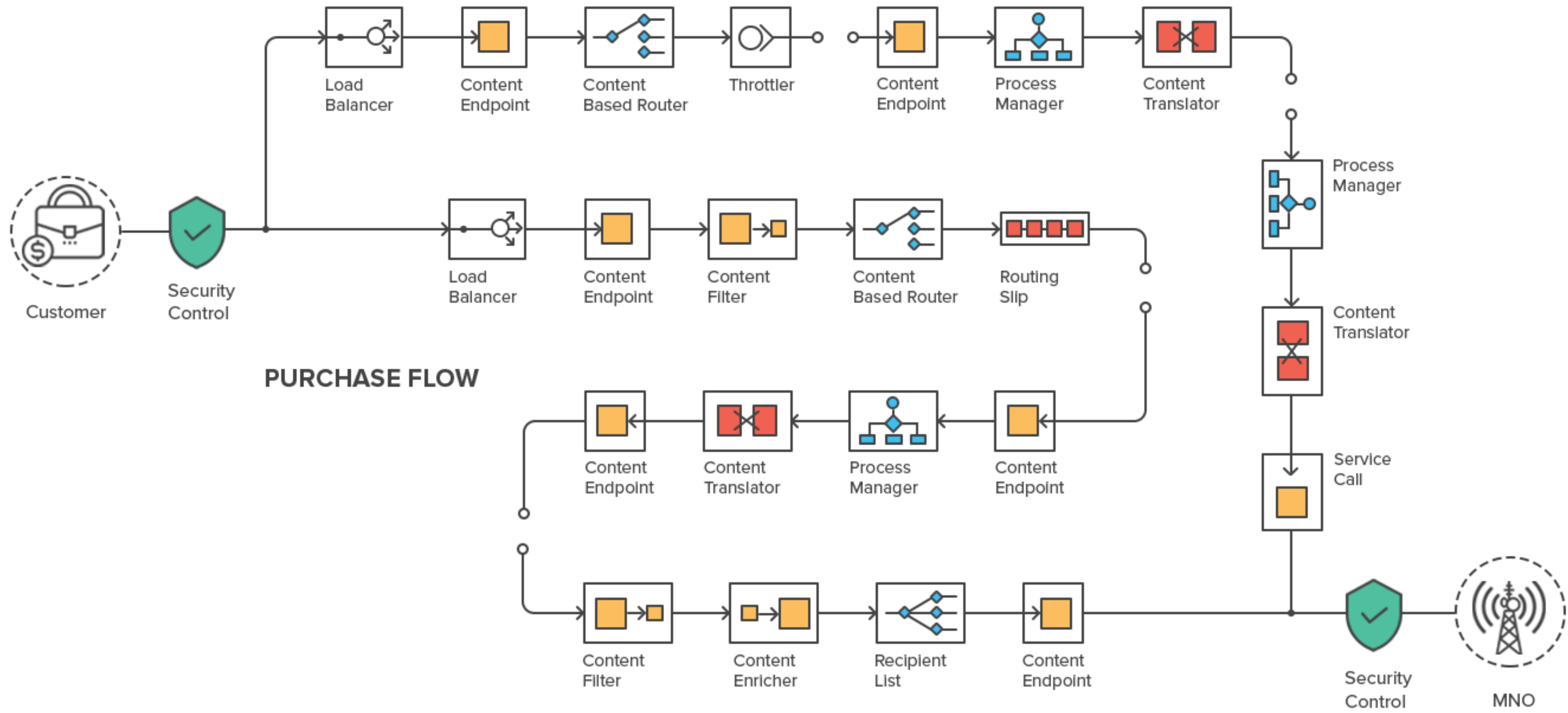
High performance system:

High performance system allowing a smooth
and fast payment journey without latency to
increase conversion rates.

PAYMENT SYSTEM GATEWAY
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IMPLEMENTATION

MCB API

Purchase services

Subscription mgmt services

Additional feature services

3rd-Party Service Providers

Routing services

S₁ S₂ S₃ S₄ S₅ .... Sₙ

R R R R R R R .... R

Mobile operators

Refund layer

Statistics reporting

Security protection

Customers/Merchants

Rest API

PAYMENT SYSTEM GATEWAY
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OUR SOLUTION

SUBSCRIPTION MGMT FLOW

Load Balancer — Content Endpoint — Content Based Router — Throttler — Content Endpoint — Process Manager — Content Translator

PURCHASE FLOW

Customer — Security Control — Load Balancer — Content Endpoint — Content Filter — Content Based Router — Routing Slip

Content Endpoint — Content Translator — Process Manager — Content Endpoint

Content Filter — Content Enricher — Recipient List — Content Endpoint

Process Manager — Content Translator — Service Call — Security Control — MNO

PAYMENT SYSTEM GATEWAY
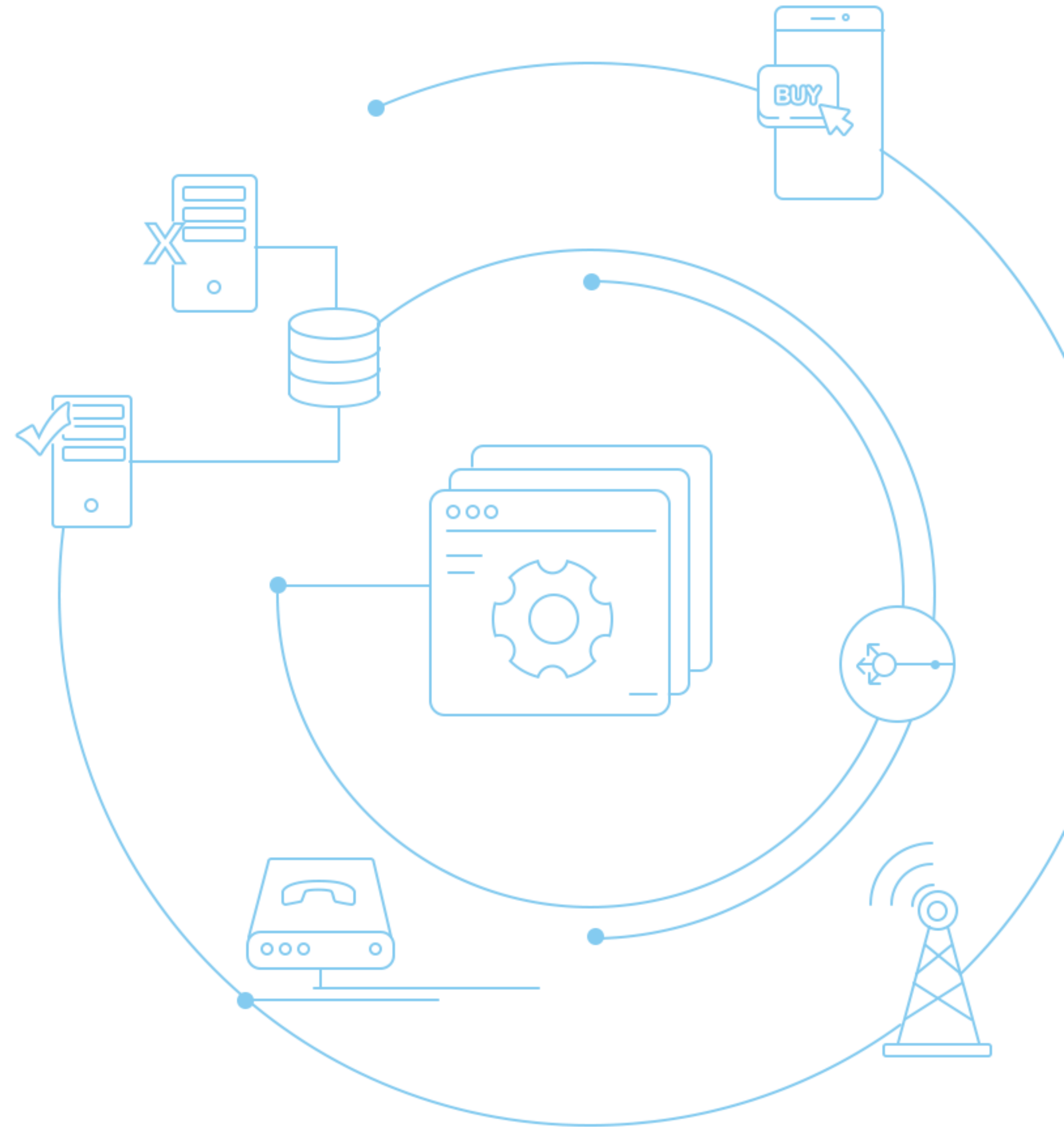© Software Service & Innovation

Secure implementation

between mobile payment system and merchants and between mobile payment system and mobile operators

Distributed architecture allowing the following features:

- Load balancing for high performances
- Fault tolerance
- Scalability

Software architecture developed as abstract layers

The Mobile Payment Gateway is connected through more than 30 mobile operators in Europe having their proprietary protocol

PAYMENT SYSTEM GATEWAY
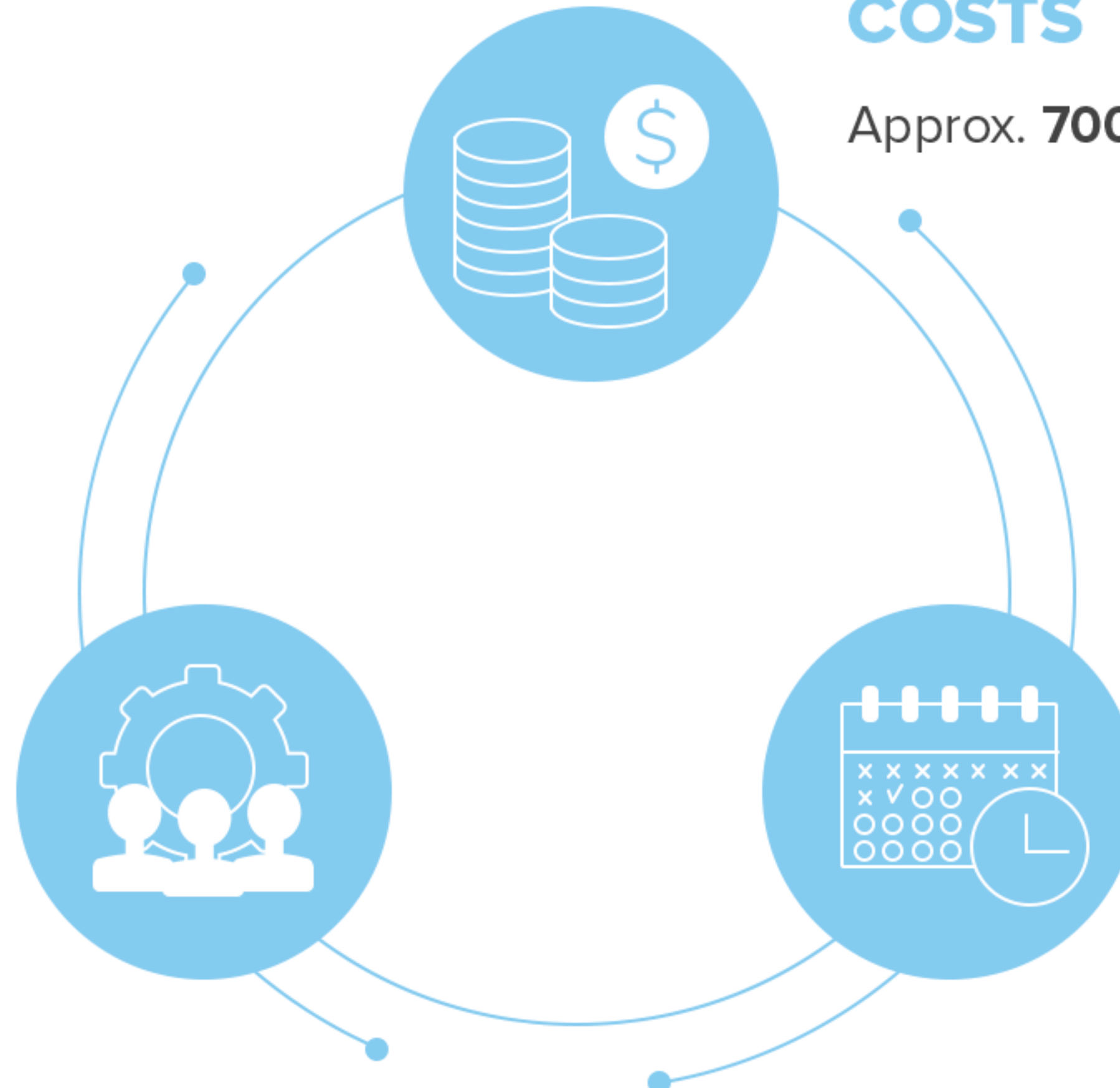© Software Service & Innovation

COSTS

Approx. **700 000 USD**

TIME TO ROLL OUT

20 months

TEAM

1 Project Manager
1 senior Developer
1 mid Developer
1 junior Developer
1 senior QA

PAYMENT SYSTEM GATEWAY
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Thank you!