



WISLACODE SOLUTIONS



PushMaster

Enterprise-Grade Push Notification Server

www.wislacode.com



WISLACODE SOLUTIONS

is a fintech-centric software development partner with **10+ years of experience** building engaging mobile and web apps

Our agile teams specialize in helping banks, leasing companies, and other financial services organizations digitize processes and improve customer interactions – without the heavy burden of legacy infrastructure overhauls.

200+

Experts

Warsaw, Poland

In-house solution

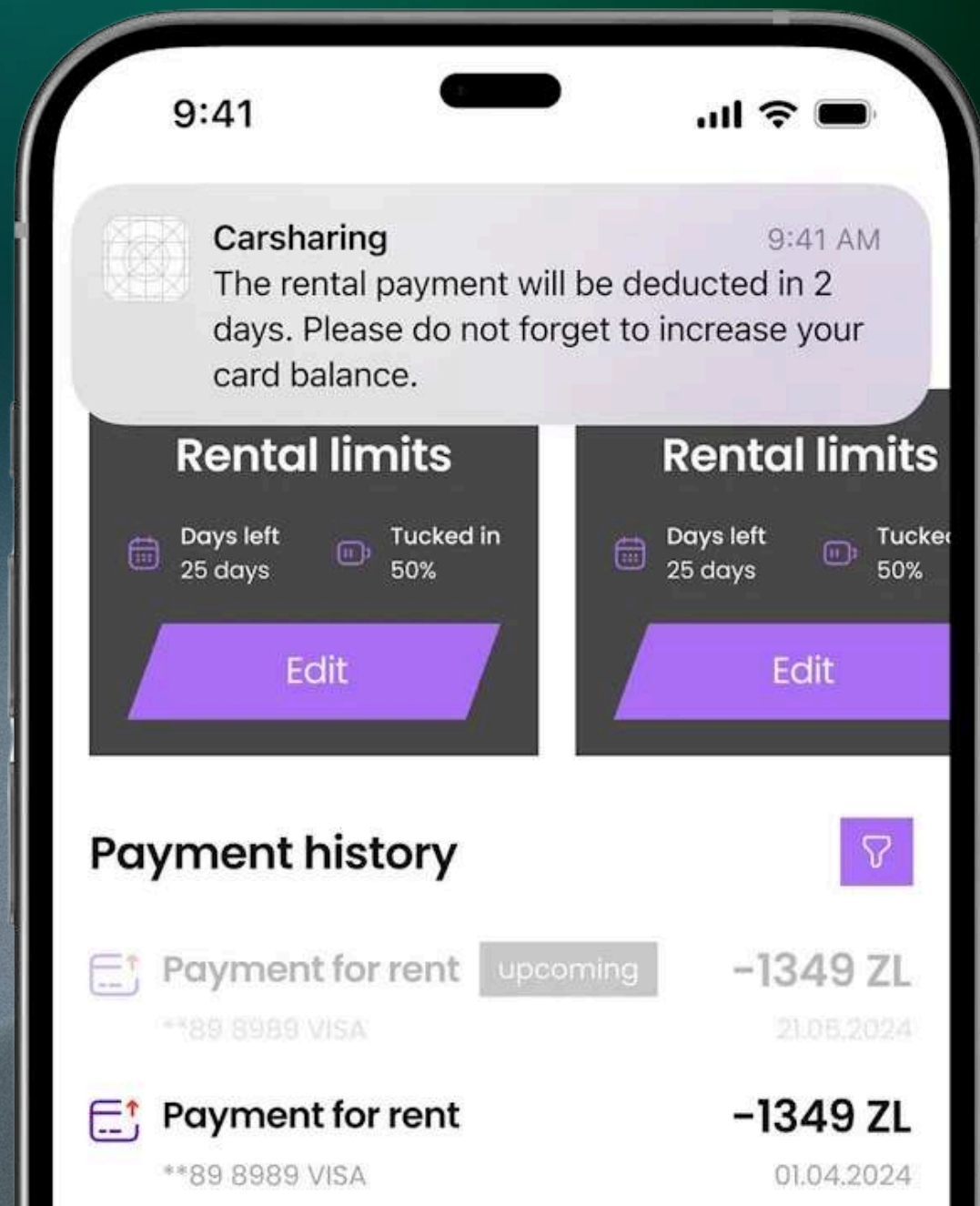
PushMaster: Push Notification Platform

**A ready-to-use tool
for reliable and scalable
user communication**

for Corporate Clients: Banks, fintech companies,
and organizations that require direct and reliable
customer communication.



PushMaster is an enterprise-grade push notification server for critical, multi-channel message delivery across web and mobile platforms



Reliable & Accurate Delivery

Advanced tracking ensures every message reaches the customer on time.

Seamless Multi-Platform Support

Covers all major mobile platforms for consistent user engagement.

Precision & Control

Real-time monitoring guarantees notifications are delivered at the right moment.

Push instead of SMS

A free method to stay connected for communication and promotion, regardless of the number of customers.



Microservice-Based Communication Backbone

Tech Foundation

- Built on a microservice Java stack
- Horizontally scalable on Kubernetes
- Lightweight infrastructure footprint

Multi-Channel, Multi-Device

- Native integration: APNs, FCM, Web Push API, Huawei Push Kit
- Multiple devices per user
- Live/inactive device tracking
- Real-time delivery confirmation via app callback

Flexible Integration

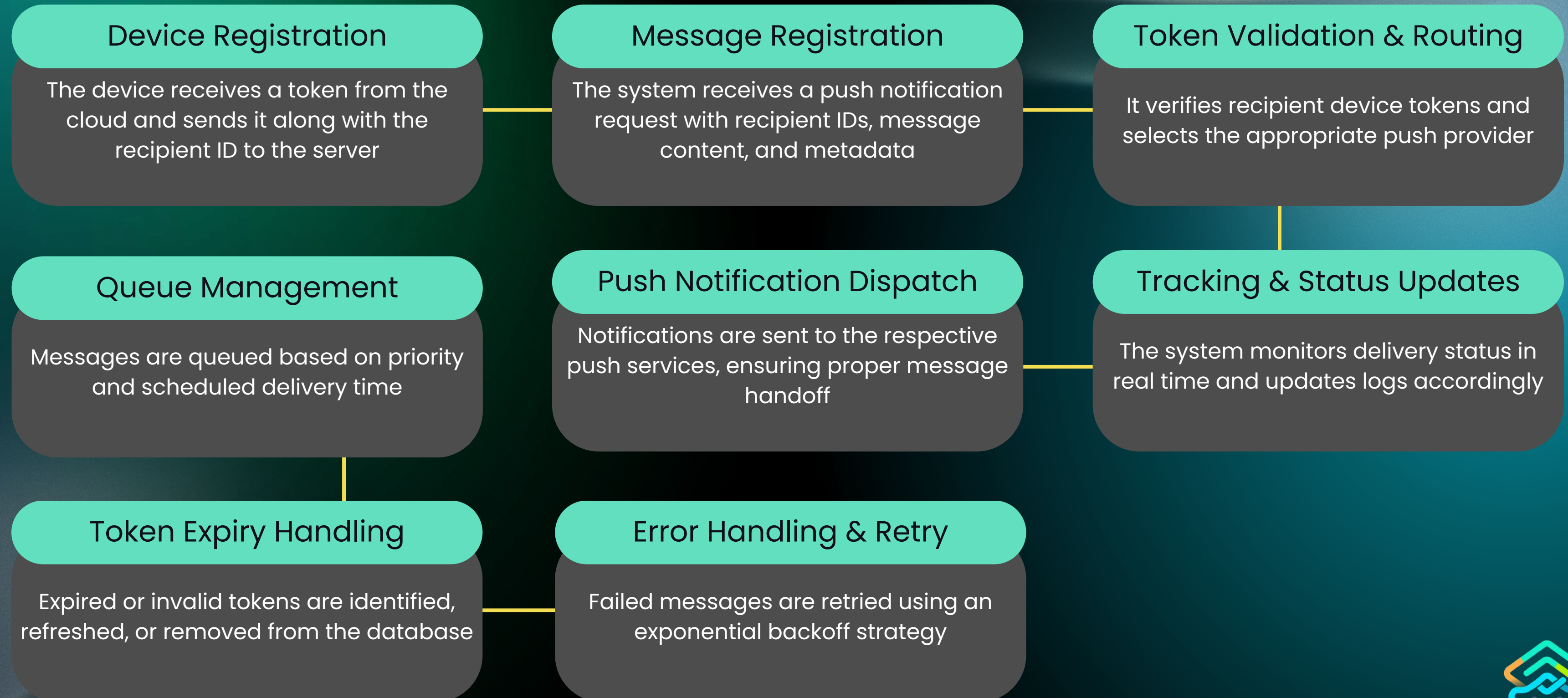
- REST API
- Async messaging: Kafka / RabbitMQ
- Compatible with BI/workflow systems

Smart Load Management

- Async interface = high throughput
- Parallel outbound request processing
- Auto-detection of device/platform
- Server handles message routing & formatting



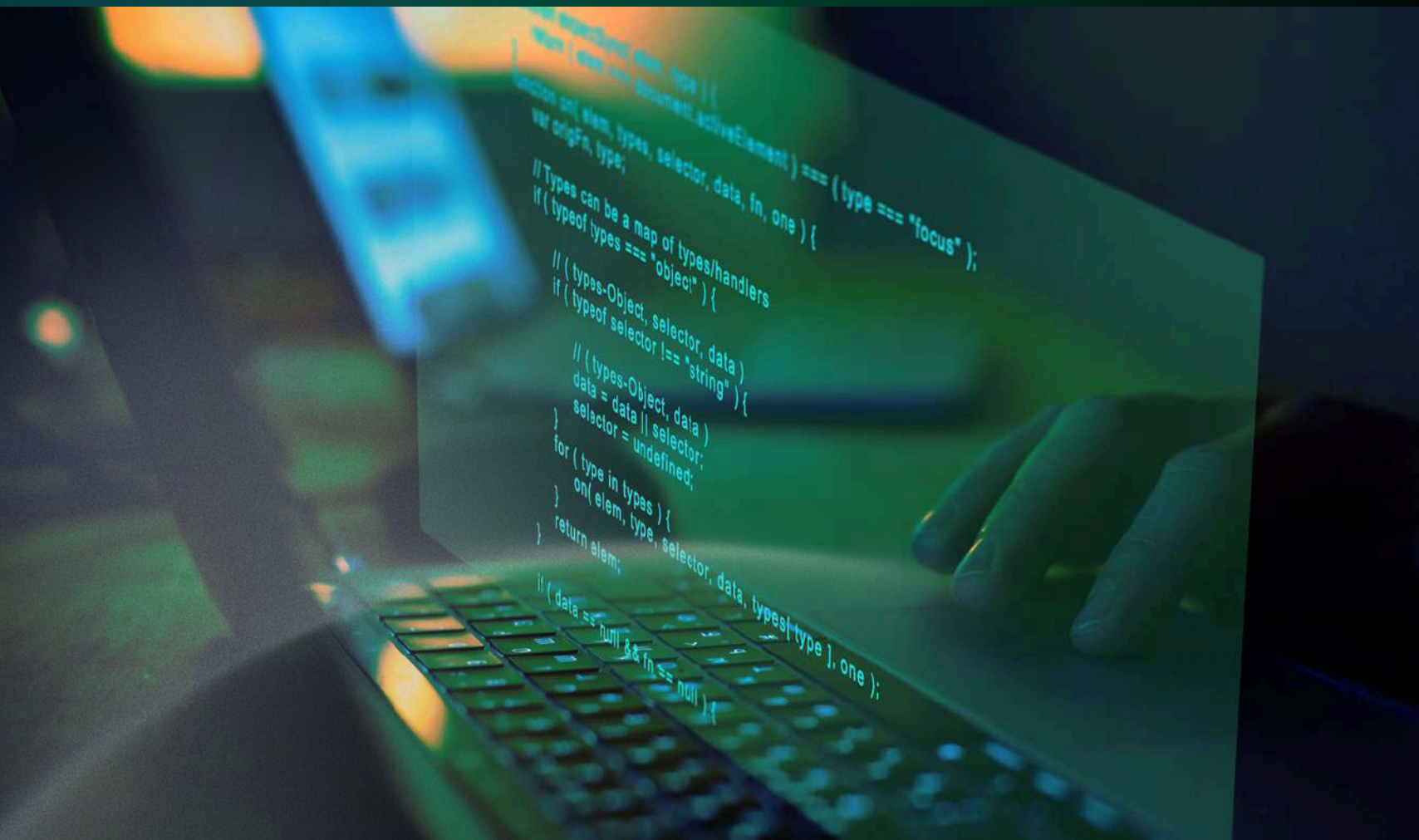
Push Server Workflow



Designed to embed into the client's infrastructure:

No vendor lock on hosting or infrastructure.

Fits into existing reporting systems without forcing new dashboards.



Key benefits:

- Reduces time-to-market.
- Mitigates risks – proven delivery mechanics and error handling are baked in.
- Reduces TCO as no extra costs for unused infrastructure or SaaS overhead.



Inhouse Competence Centers

Top-skill experts in mobile development, cross-platform/PWA, frontend, backend, analytics, testing and design

Flexibility in Everything

Need a quick launch or rapid team reassembly to meet new business demands? We're experts at it.

Post-delivery Support

Ensure the team's participation in the finalization of the solution and elimination of critical bugs





Challenges we solve

01. Migration from legacy systems to a modern solution
02. Complex payment integrations
03. Lengthy manual processes
04. Developing a strategic and technical roadmap
05. Optimizing the team to reduce development costs
06. Building a scalable architecture for future growth
07. Expanding the team and replacing outdated vendors
08. Avoiding insecure vendor and developer lock-in





Development Resources

CORPORATE DATA WAREHOUSES

- Storage: Oracle, Hadoop
- ETL: Informatica
- BI: Cognos, Tableau
- CDC: Oracle GoldenGate

MOBILE

- Android: Java, Kotlin
- iOS: Swift

CROSSPLATFORM | PWA

- JavaScript, TypeScript
- React, Redux
- WebAPIs

BACKEND

- Development: Java, SpringBoot, SpringCloud, SpringData, Hibernate, .NET Framework, .NET Core, ASP.NET MVC
- SQL stores: PostgreSQL, MySQL,
- NoSQL stores: MongoDB, ElasticSearch, Cassandra
- ODS: Hazelcast, Redis
- Message Brokers: Kafka, RabbitMQ

FRONTEND

- Development: Typescript, ReactJS, Redux (toolkit, saga), NextJS
- Library: RTQ, axios, cypress, jest

INFRASTRUCTURE, CI/CD

- Docker
- Mesos/Marathon, Kubernetes
- Jenkins
- Ansible

TESTING

- Zephyr, TestLink, Allure, Quase
- JUnit, Kotest, Mohito
- XCTest, Sourcery
- Selenium (Selenoid, Grid), Cucumber

ANALYTICS

- UML, BPMN
- REST, SOAP
- Axure



WislaCode customers confirm



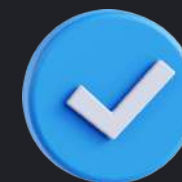
Loucas Charalambous
payabl

*We needed an Android SDK developed under **a tight timeline**, and their team delivered a flexible, user-friendly solution that integrated seamlessly into our ecosystem.*



Mikhail Krasnov
Executive Chairman at Verysell Group

*The WislaCode team delivered on time and with outstanding quality. I want to mention the team's transparency while running the project – everything was **trackable, visible and manageable**.*



Aleksei Malenkin
\$lana (Monetech)

*WislaCode specialists quickly synchronised and worked with the second team involved in developing our solution. As a result, having started development from scratch, we came to the expected result quickly. The first users went to the application after **5 months**.*



Yurii Lozinskyi
Head of Applied AI Lab

*This was a very task-heavy project. However, by the end of WislaCode, we were left with a detailed roadmap consisting of clear milestones – able to be converted into tangible KPIs. Integrating this structured result ensured that the more complex and uncertain goals were converted into **30% ROI**.*



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