

xaıpıx

Xaipix is a full-service team of professionals including project managers, software developers, business analysts, QA testers and UI/UX designers.

We possess cutting-edge skills in bespoke software development for your digital transformation from the idea to delivery, implementing the following top-notch software development services:



xaipix

Business Areas

Service Providers

- Cloud-based video surveillance (VSaaS)
- Cloud-based Platform for Public WiFi Service
- Mobile Apps: iOS, Android
- Self-service portal
- Software for network traffic collection and analysis
- Parental Control Solution

Technical Support

- Service Desk online
- SLA based

Big Data

 Software for data collection, storage and analytics

Transportation

- Video surveillance and access control software
- License plate recognition
- Logistics Management Portal

Public

- Analytical software for trading operations
- Web portal for Fundraising
- Enterprise Service Bus

Full-stack software development

Financial

- Omni-channel communication platform for contact centers: chatbot, web-calls (audio, video)
- Infrastructure monitoring software with specialized connectors

Cloud Tech

- Cloud data storage software
- Cloud web-access software
- Multitenancy cloud access
- Data Synchronization Systems software





Management Department

01 02 03 04

Decision making Controlling Planning Organizing

Software Development Department

01 02 03

Analysis Design Programming

General Software

Web Applications

Mobile Applications

Quality Assurance

Service Department

O1
Supporting the roll-outs

02

Troubleshooting

03

Customer feedback

xalpix

Competencies

01

Python

(Raw, Django, Flask)

PHP

(Raw, Laravel, Symfony)

TypeScript

(Angular, React, Vue)

iOS

(Swift, Flutter)

Android

(Swift, Flutter)

02

MySQL\Percona\Postgre SQL\MongoDB\MariaDB

Clickhouse\Infobright\
Cassandra\Columnstore

Redis\Memcached

ElasticSearch\Solr\Sphinx\Vespa

RabbitMQ\Beanstalkd

03

AWS

GCP

DigitalOcean

Dedicated infrastructure

Up to 300 hours/week

- Jira Service Desk
- Jira Software
- Bitbucket
- Confluence
- # slack

aws

The Way We Work

Selected programs and systems for better results

Scrum

Our preferred choice for the most projects. Separate teams for each project work in two-week sprints. Every sprint ends with a release and report.

Kanban

We use Kanban for continuous projects with no strict deadline. Up to five tasks are carried out simultaneously.

xalpix

Pricing



Time and material





Fix Price

Choose Your Team

We make a special offer

Qualification	Price per hour, USD
- vincer	40
Middle Software Engineer	60
Senior Software Engineer	35
Middle UX/UI Designer	55
Senior UX/UI Designer	40
Middle QA/QC	55
Senior QA/QC	100
DevOps	40
Project Manager	65
Business Analyst	180
Architect	

Team 1

Middle Software Engineer Middle QA/QC **Project Manager**

7% Discount

Hours/month

Team 2

Project Manager Business Analyst Senior Software Engineer Senior UX/UI Designer Senior QA/QC

14% Discount



Cloud Video Surveillance Service

Telecommunications

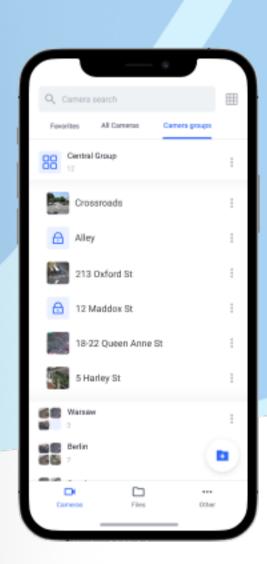
Internet Services Provider

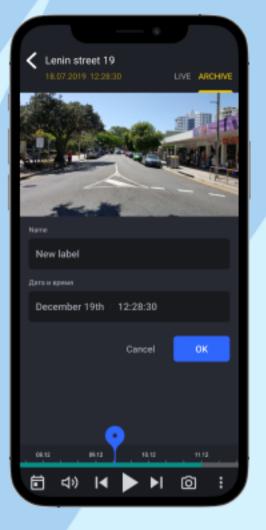
Customer's Business Area

Cloud video surveillance service to provide customers with 24×7 monitoring of events at public and private facilities including geographically remote locations. Remote access for private and corporate clients to video by means of user-friendly applications. Workplaces for video monitoring operators in private segments of the network

Solution

In order to launch the cloud video surveillance service, a completely new software platform was developed. The Platform allow the operator to use the widest range of connected video cameras that exist on the market and among the customers, which is especially important while working with B2B sector. Seamless integration of software with the Customer's OSS/BSS ensured easy provisioning and billing of the service. The subscribers can access the cameras remotely with desktop, mobile and web applications. The platform provides reach feature set of video operations: real-time video, work with the archive, set user access privileges, in-house developed video analytics and more.





Communa Perents Analytics Map Devices Management **Layout #1 ** Layout #2 ** + **Save layout Anathers search **Save layout Anathers search **Giect a cames or drag at from the list **Synchronous Asynchronous A

DB	Mobile app	Frontend
Maxscale	iOS (Swift)	Angular
Clickhouse	Android (Kotlin)	React
Percona cluster		
Backend	MQ	Cache
Laravel	Beanstalkd	Redis Cluster
OS	ML	Core
Ubuntu	C++	C++
Linux	Python	



Self-Service Portal & Mobile Apps

Telecommunications

Internet Services Provider

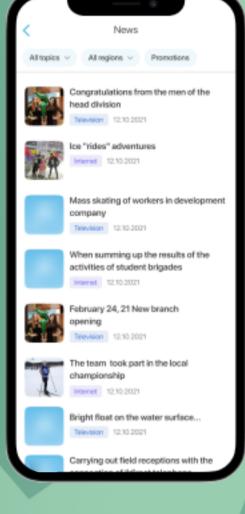
Customer's Business Area

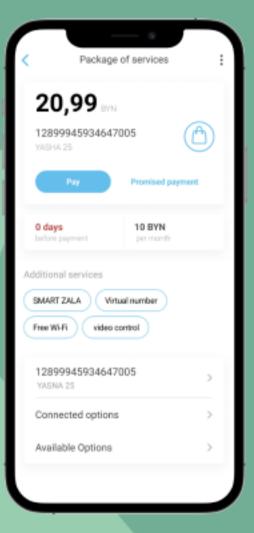
Customer had needs to integrate the billing system, automatic marketing information collection and analysis system, terminal equipment issuance system, applications collection and processing system with customer self-service portal in the form of Web application and mobile applications for Android and iOS

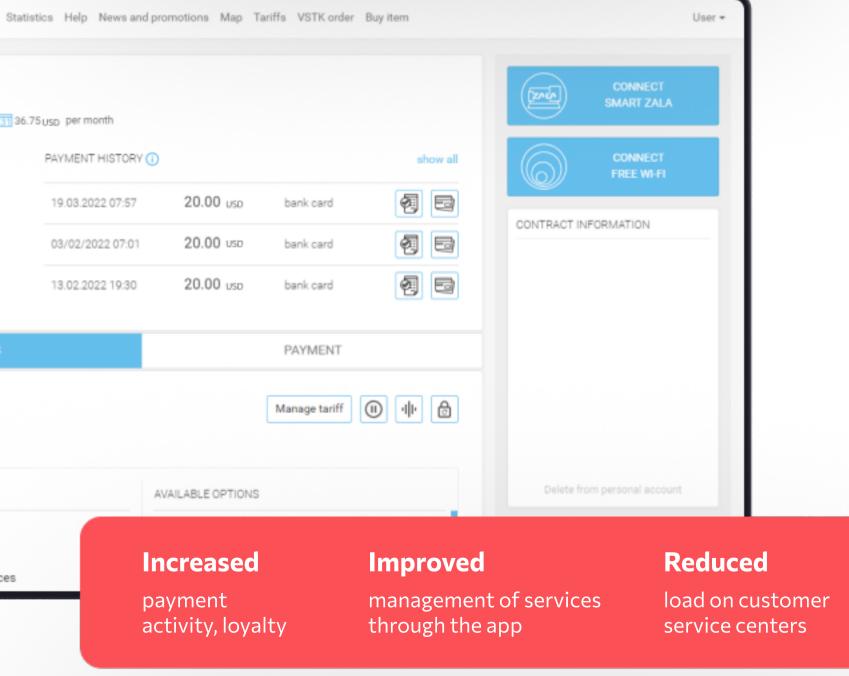
Solution

A new self-service platform was developed in the form of Web and mobile applications with the following features:

- Addition of services;
- Balance refill;
- Current balance information;
- Notifications on insufficient balance;
- One-click payments;
- Change subscription;
- Expense control;
- Promo and ad compaigns;
- Company news;
- Online technical support 24/7.







DB Maxscale Clickhouse Percona cluster	Mobile app iOS (Swift) Android (Kotlin)	Frontend Angular
OS Ubuntu Linux	Backend Laravel	MQ Rabbit MQ
		Cache Redis Cluster



Public WI-FI Service

Telecommunications

Internet Services Provider

Customer's Business Area

Cloud Platform for "Public Wi-Fi" services

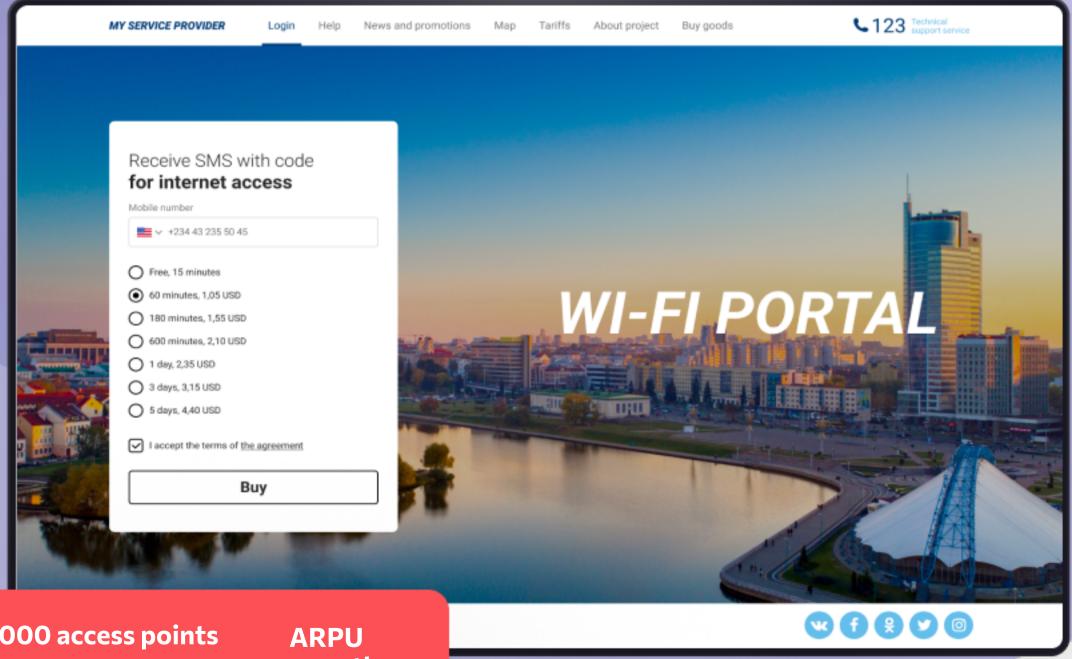
Solution

New platform for WiFi Internet access service was developed with the following features:

- Authorization portal;
- One-time PIN based authorization;
- Multitenancy (separate space for every business customer: shops, restaurants, etc.);
- Adaptable and branded home page;
- Redirect to the selected resource after successful authorization
- Extensive user statistics and behavior analytics;
- Banners, news and ads campaigns;
- Geo Targeted advertising, analytics, marketing, voucher production and sales, subscription management;
- Multi-language;
- API and integration with the ISPs OSS/BSS.

Tech Stack

DB	Mobile app	Frontend
Maxscale	iOS (Swift)	Angular
Clickhouse	Android (Kotlin)	
Percona cluster		
OS	Backend	MQ
Ubuntu	Laravel	Rabbit MQ
Linux		



Over 27 million

authorizations per month

700,000 access points

access points under unified management growth

Network Traffic Analysis

Telecommunications

Internet Services Provider

Customer's Business Area

The customer needed to collect, transform, aggregate and enrich the data from a variety of sources for statistical and other analytical purposes

Solution

Developed a software solution with a unique compression mechanism and high-speed processing and enrichment of the data in real-time with the following features:

- 5-petabyte database for analytics;
- Up to 100Gbits/s of traffic per collector;
- Flexible reporting;
- Multi-threaded read/write operations with proprietary databases;
- No impact on data transmission;
- Easily scalable and modular architecture;
- Export of generated CDRs;
- Role based user access model with extensive logging;
- API for integration with third-party systems.

Tech Stack

Percona cluster

DBMobile appFrontendMaxscaleiOS (Swift)AngularClickhouseAndroid (Kotlin)

OS Backend MQ
Ubuntu Laravel Rabbit MQ
Linux





Mediation, Storage and Analysis of Statical Data

Public (Ministry)

Customer's Business Area

Necessity to implement a system for consolidation of information from different sources to monitor the price indicators of goods and services, their comparison and intelligent data analysis (trends, correlations, dependencies, etc.)

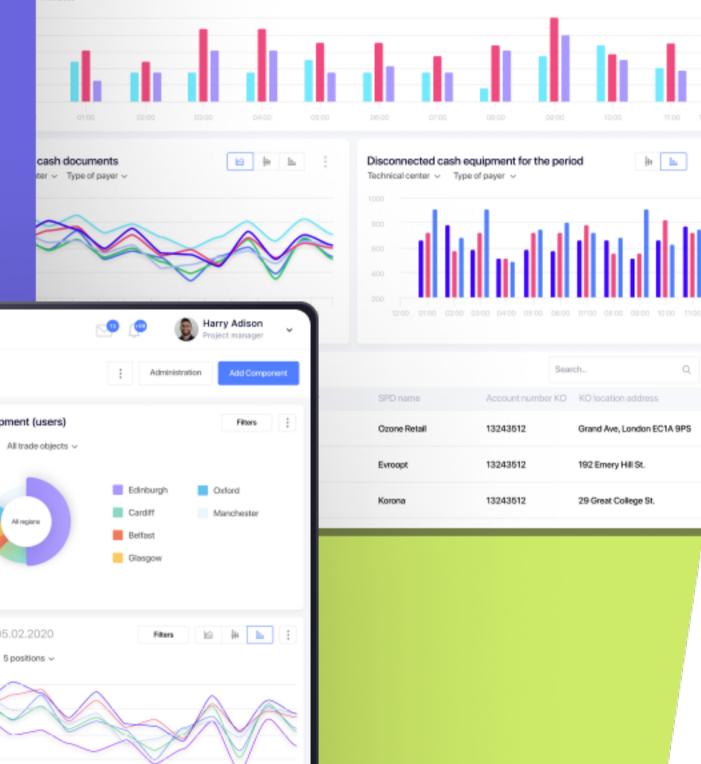
Solution

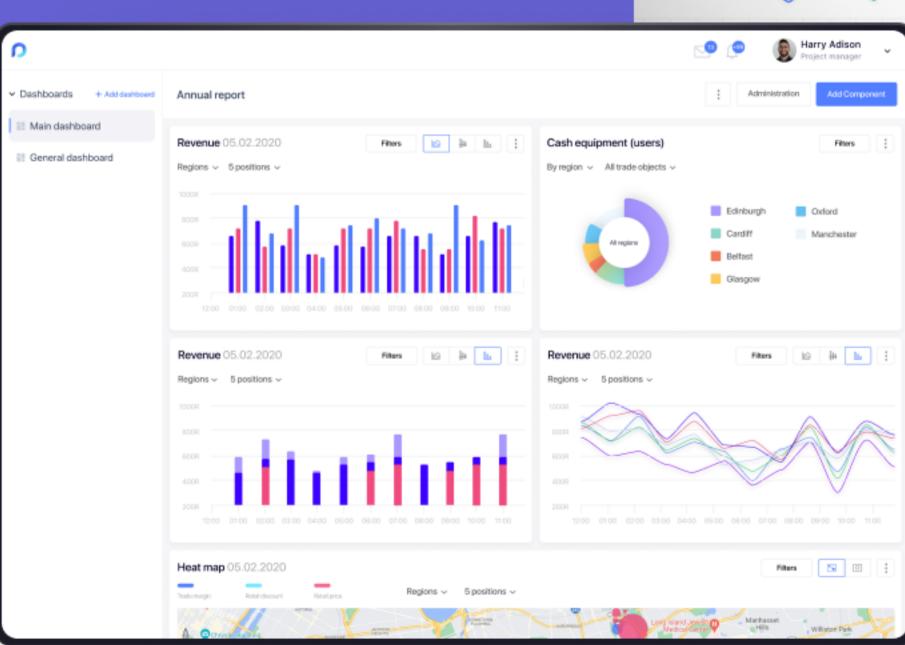
The developed software provided the customer with the following capabilities:

- Efficient storage of raw data (high compression rate, fast access to data);
- High performance on large data volumes (write/read);
- Cascaded multilevel data processing;
- Rich data visualization interface (table views, graphs, diagrams, dashboards);
- Export of data into popular formats (MS Word/Excel, PDF, CSV/TSV, PNG images, etc.);
- Custom Query builder;
- Integration with third-party data-analytics tools (Tableau etc.);
- Automatic data validation for completeness and correctness, anomaly detection;
- Granular access control (external users supported);
- EDS for user authorization;
- Role-based access model;
- API for integration with third-party systems.

Tech Stack

DB	Mobile app	Frontend
Maxscale Clickhouse	iOS (Swift) Android (Kotlin)	Angular
Percona cluster	7 mar ora (nochri)	
os	Backend	MQ
Ubuntu	Laravel	Rabbit MQ
Linux		





ter report



Omnichannel Customer Interaction *Platform*



Customer's Business Area

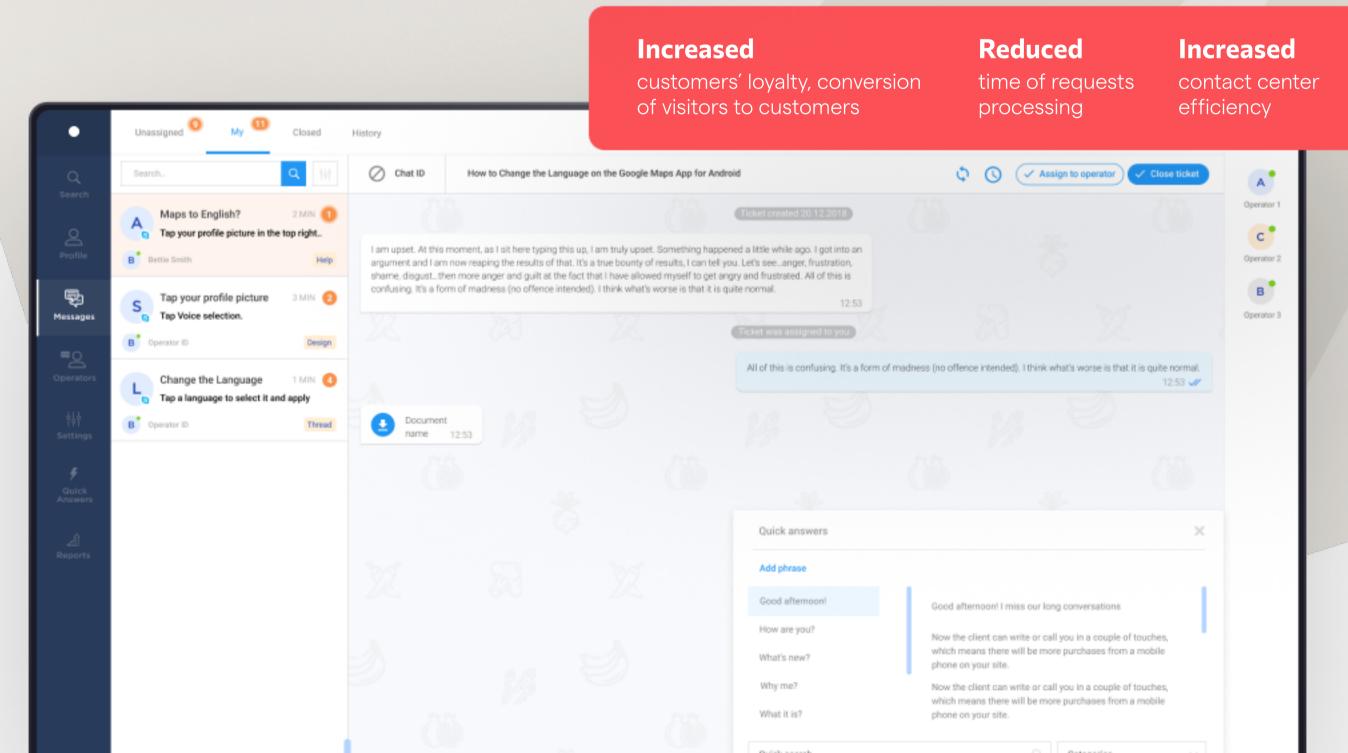
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Fundraising Portal

Financial

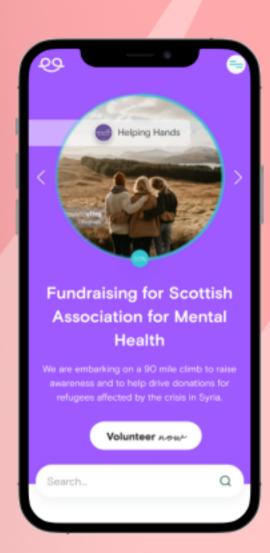
Customer's Business Area

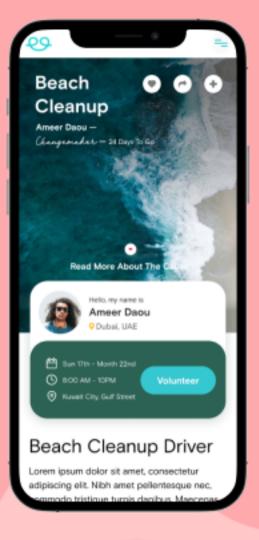
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Hello, my name is Ameer Daou O buts, UKE I are metabora part 100 rind dark to star sourcesses and to help dive sources by refugeed which only the raw is flow. Relied to far: \$150,000 \$100,000 235 binys 75% Left Support this cause \$10 \$50 \$100 Other Amount: \$ Denote Avour Donate A

Tech Stack

DB	Mobile app	Frontend
Maxscale	iOS (Swift)	Angular
Clickhouse	Android (Kotlin)	
Percona cluster		
OS	Backend	MQ
Ubuntu	Laravel	Rabbit MQ
Linux		
		Cache
		Redis Cluster

Increased

Solve the C
children the
activity, loyalty

Improved

management of services through the app

Reducedload on customer service centers



New Web-Portal And Mobile Apps

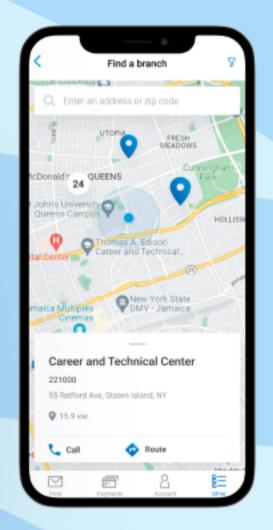
Customer's Business Area

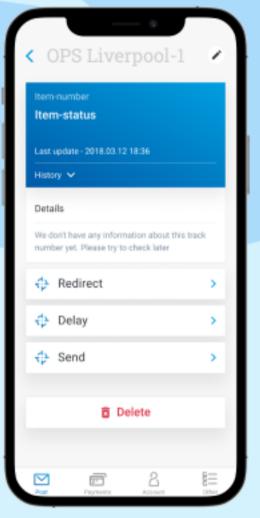
Public Postal Service

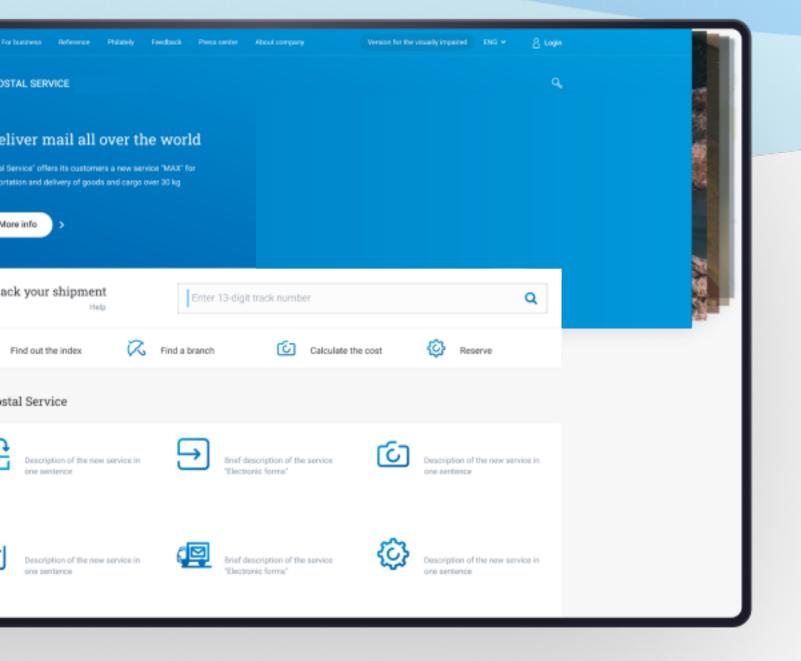
New web and mobile application which combines the functions of corporate portal, self-service portal, a personal user account and a reference portal

Solution

New Web portal and mobile application were developed. Custom Enterprise Service Bus integrates all new and existing applications and IT services. The speed of launching new features and services significantly increased.







DB	Mobile app	Frontend
Percona Cluster Clickhouse Maxscale	iOS (Swift) Android (Kotlin)	Angular
Backend	MQ	Cache
Laravel	Beanstalkd	Redis Cluster
OS	Search	Logs
Ubuntu	Elasticsearch	Elasticsearch
Linux		Logstash Kibana



Opensource Project Pushist

Customer's Business Area

Public Postal Service

Opensource to the world

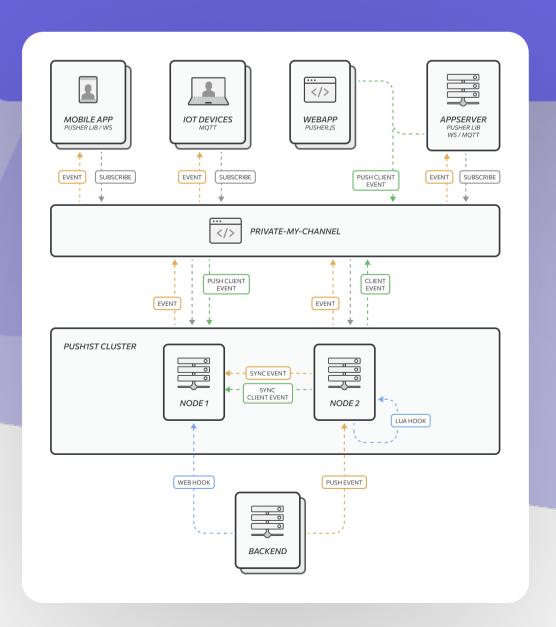
Solution

Push1st is an open-source multi-protocol message broker service that helps users manage notification flows between various devices and applications.

We were not able to find a suitable event broker that would meet all our requirements, so we just created it. And it turned out to be so cool that we decided to share it with everyone whose products also need a free, reliable, fast and fault-tolerant messaging service.

Push1st key features that distinguish it from its analogues:

- Cross type channel messaging provides auto casting message between channel protocol formats (Pusher, MQTT, RAW-WebSocket);
- Improved hooks system (Web, Lua) allows you to intercept triggers of any kind and while processing them notify the third-party service (back-end) about the event. As well as through defining logic and enriching the event it allows you to direct the event as intended (put in DB, send to back-end, etc.);
- Cluster functionality allows you to combine and synchronize multiple servers (nodes), distributing the load between them and providing full coverage of client connections;
- Multi-applications support provides the ability to create multiple Applications with individual credentials for each App. https://github.com/navek-soft/push1st





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Percona cluster		
os	Backend	MQ
Ubuntu	Laravel	Rabbit MQ
Linux		
Cache		
Redis Cluster		



Getto know us Better!

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