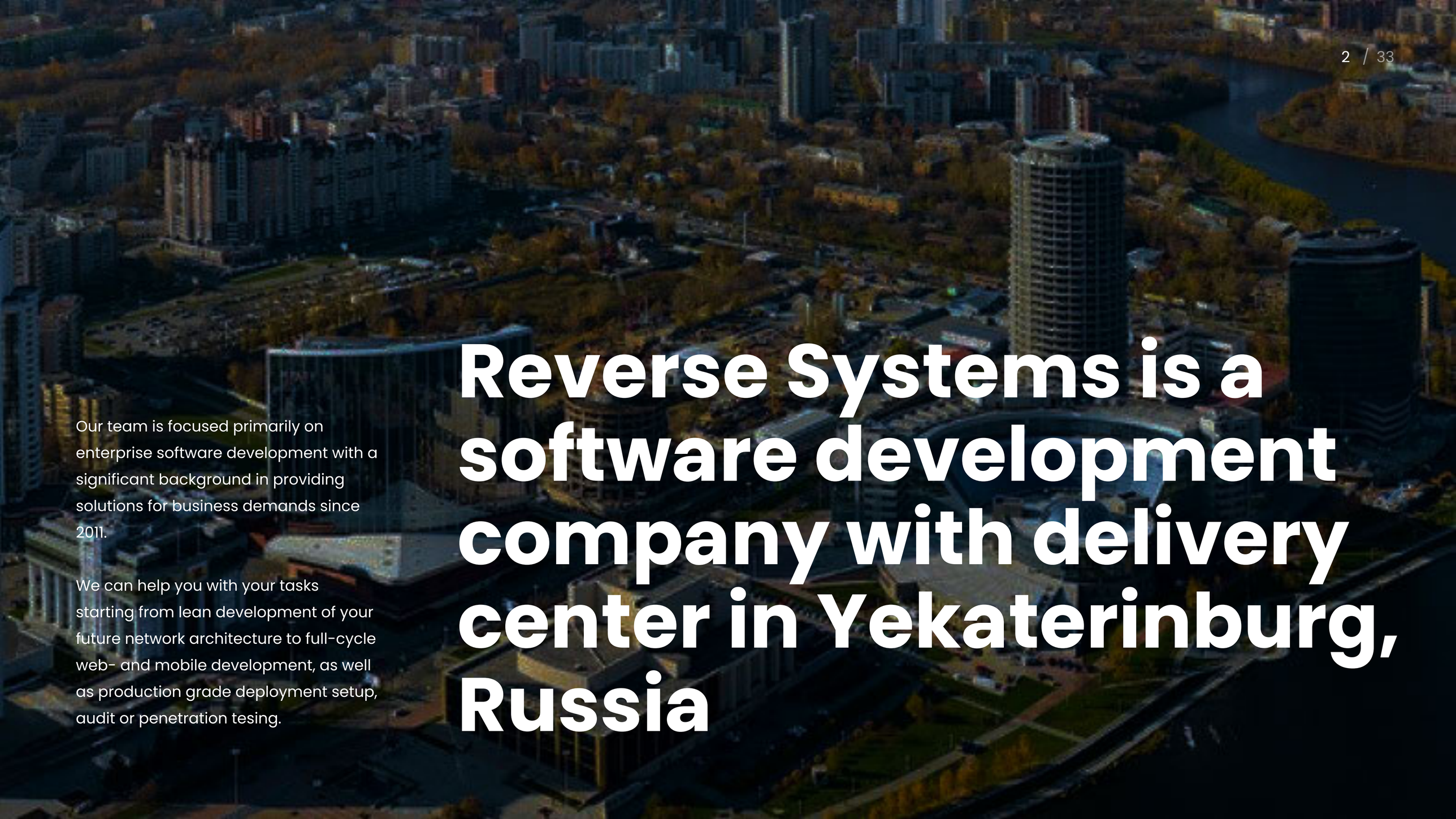
# We build software that helps you accelerate and evolve

Architect your vision.
We'll do the rest

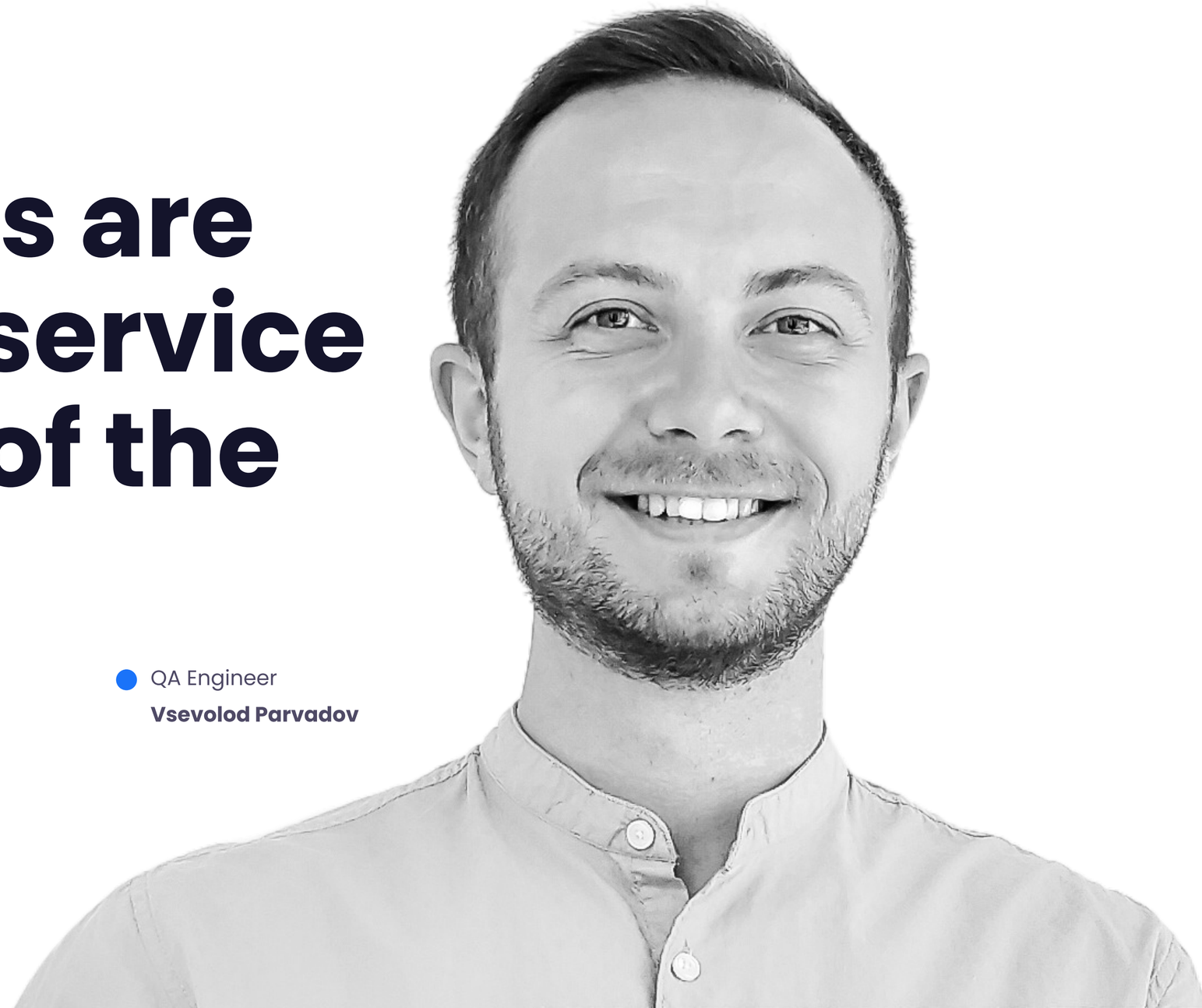


# Reverse Systems is a software development company with delivery center in Yekaterinburg, Russia

Our team is focused primarily on enterprise software development with a significant background in providing solutions for business demands since 2011.

We can help you with your tasks starting from lean development of your future network architecture to full-cycle web- and mobile development, as well as production grade deployment setup, audit or penetration tesing.

# Our engineers are glad to be of service at any stage of the product



QA Engineer

**Vsevolod Parvadov**

From R&D and building MVP from scratch,
to scaling, UX analyzing and improving

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http://reverse.systems

# Our expertise

# Optimize. Advance. Evlolve.

For business leaders looking to create better user experiences or improve operations through custom software

ENTERPRISE SOFTWARE DEVELOPMENT

DEDICATED DEVELOPMENT TEAM

UI/UX AND MVP FROM SCRATCH

HYBRID MOBILE DEVELOPMENT

QUALITY ASSURANCE AND TESTING

PENETRATION TESTING

TECHNICAL CONSULTING, SUPPORT AND IT AUDIT

# We know how to build software that helps you accelerate and evolve. From startups to the leading

Even though enterprises have similar challenges and opportunities, they all define and arrive at value differently. Our approach focuses on where you are today and where you want to go. From there, we chart a path to success — one based on your vision and our experience in getting enterprises there.

## How quickly we can scale your team

Up to one week if we have a requested talent available internally and up to 2 months if we have to recruit engineers from outside the company.

# Get your agile and fully competent dedicated development team*



*That fits all your needs

# UI/UX and MVP from scratch

We are here to collaborate with you to create modern interfaces that align with your brand, follow current leading e-commerce practices, and adhere to web accessibility and ADA compliance requirements. And MVP-related practices help us to deliver the very essence of your product in its most basic form.

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Some years back, the cross-platform app development was constrained to make simple mobile apps and games. Over time, emerging technologies have made cross-platform development more adaptable, powerful, and flexible than before.

We make hybrid apps that will impress your audience, all while complementing your marketing strategy. Our hybrid apps are built in a way that makes them almost indistinguishable from native ones, as they work perfectly on all major platforms, including iOS, Windows Mobile and Android.

# Hybrid Mobile app development – a profitable venture for the people

# We guarantee product consistency and seamless operation

Our team has solid  experience in requirements analysis, test planning, test case development, environment setup, test execution, and test cycle closure.
By taking on the complete software testing life cycle, we guarantee product consistency and seamless operation across multiple platforms, browsers, devices, and carrier networks.

With threats constantly evolving, it’s recommended that every organisation commissions penetration testing at least once a year, but more frequently if growing.

We are ready to offer competent staff with great experience related to web-security and penetration testing. Even in case the task seems to be impracticable, we know who to bother for advice to do with a favor.

# OWASP Top 10, ISO/IEC 27001:2005 etc

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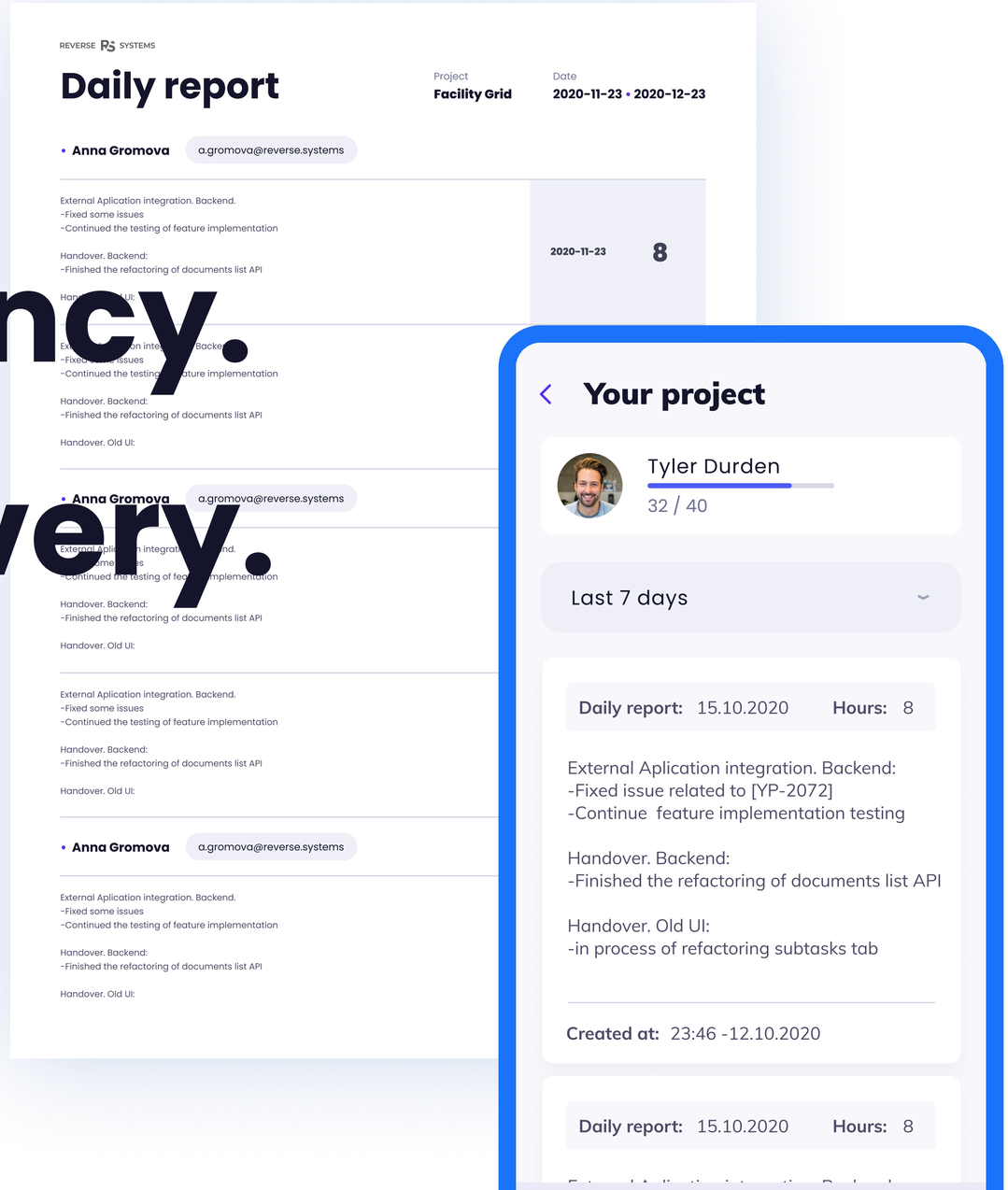
# We are focused on technologies we are good at and improving our knowledge constantly

CI / CD
NodeJS
Angular
TypeScript /JS
RxJS
NestJS
Ionic
Capacitor
React
VueJS
PHP
Laravel
API Integrations
REST/SOAP
PostgreSQL
MongoDB
Redis
Elastic Stack

# Agile. Transparency. Continuous Delivery.




According to the continuous paradigm, quality products are released frequently and predictably to customers. We are ready provide all the necessary tools you need to control each stage of development process.

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# And many, many more. Let’s get in touch!

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# Our work

# Comissioning & Operational Readiness Software

## in Construction Management

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## Complexity:

## Timeline: 2015 - present days

CI/CD | Node.js | Angular | REST | Ionic/Cordova | Selenium | SQL/NoSQL Databases

### Custom Development Team with the following responsibilities:

- Business Analytics and Project Management
- UI/UX and Prototyping
- System Architecture, Feature Planning, Tech Writing
- API Integrations with Construction Management Software
- Continuous Integradion/Continuous Delivery
- DevOps (Server Setup and Maintaining)
- Quality Assurance
- Penetration Testing

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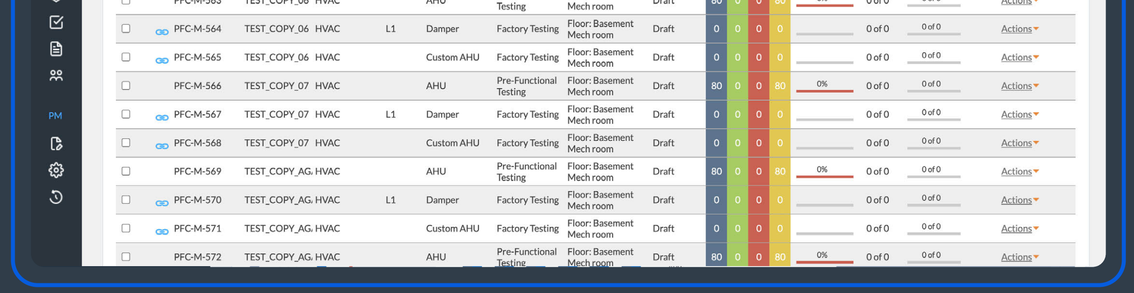
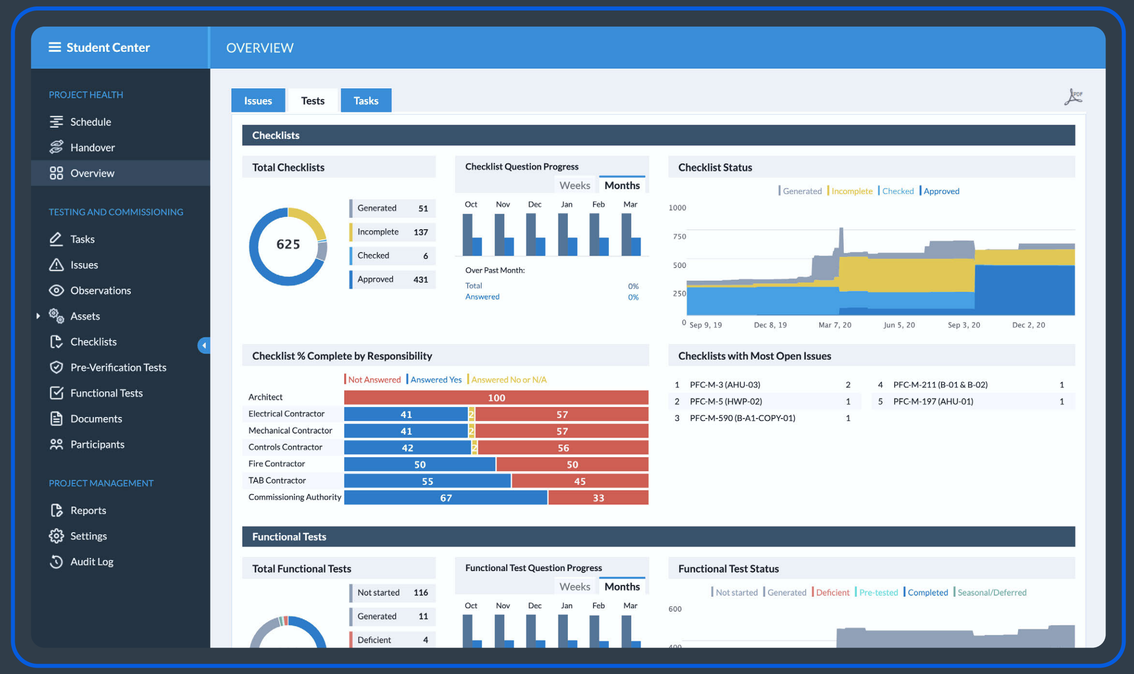
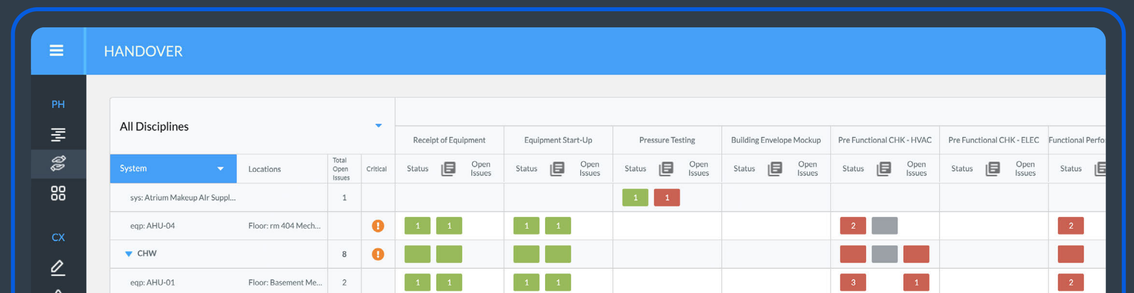


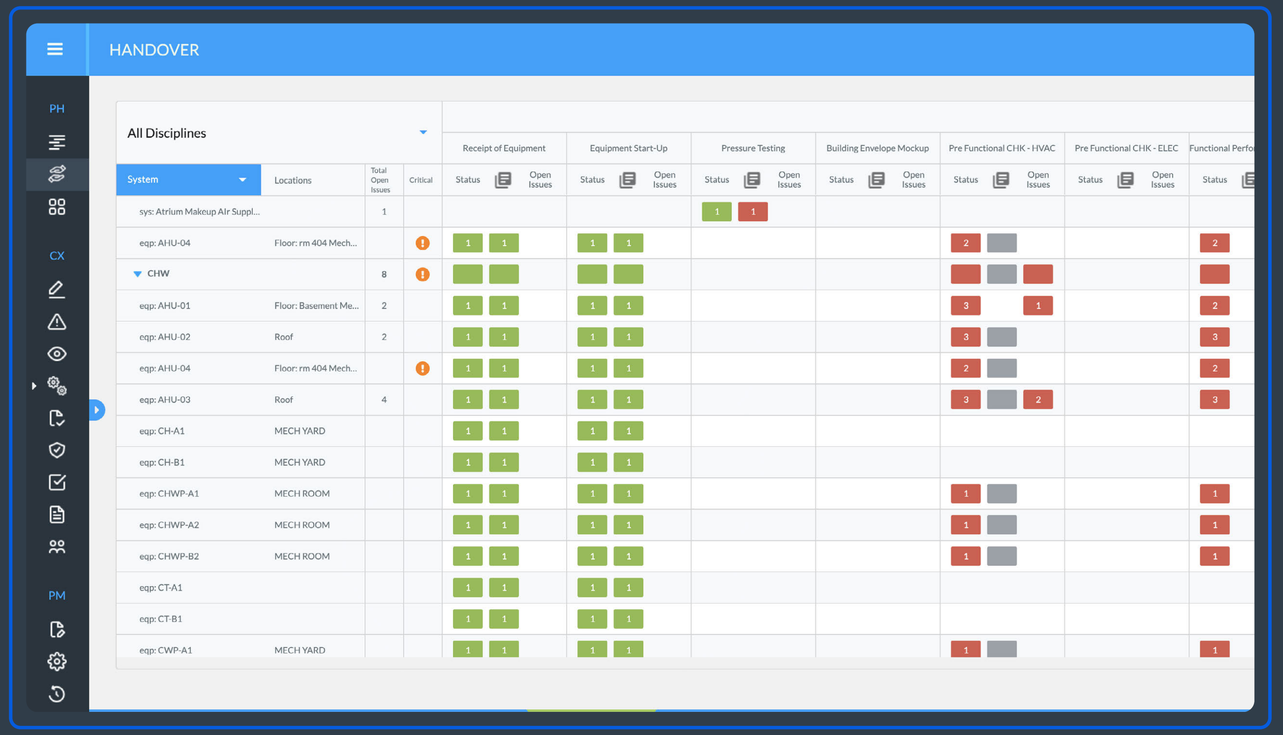


# Web-application:

Node.js | Angular 12 | Typescript | RxJs | NestJs | PostgreSQL | MongoDB | Redis | Elasticsearch

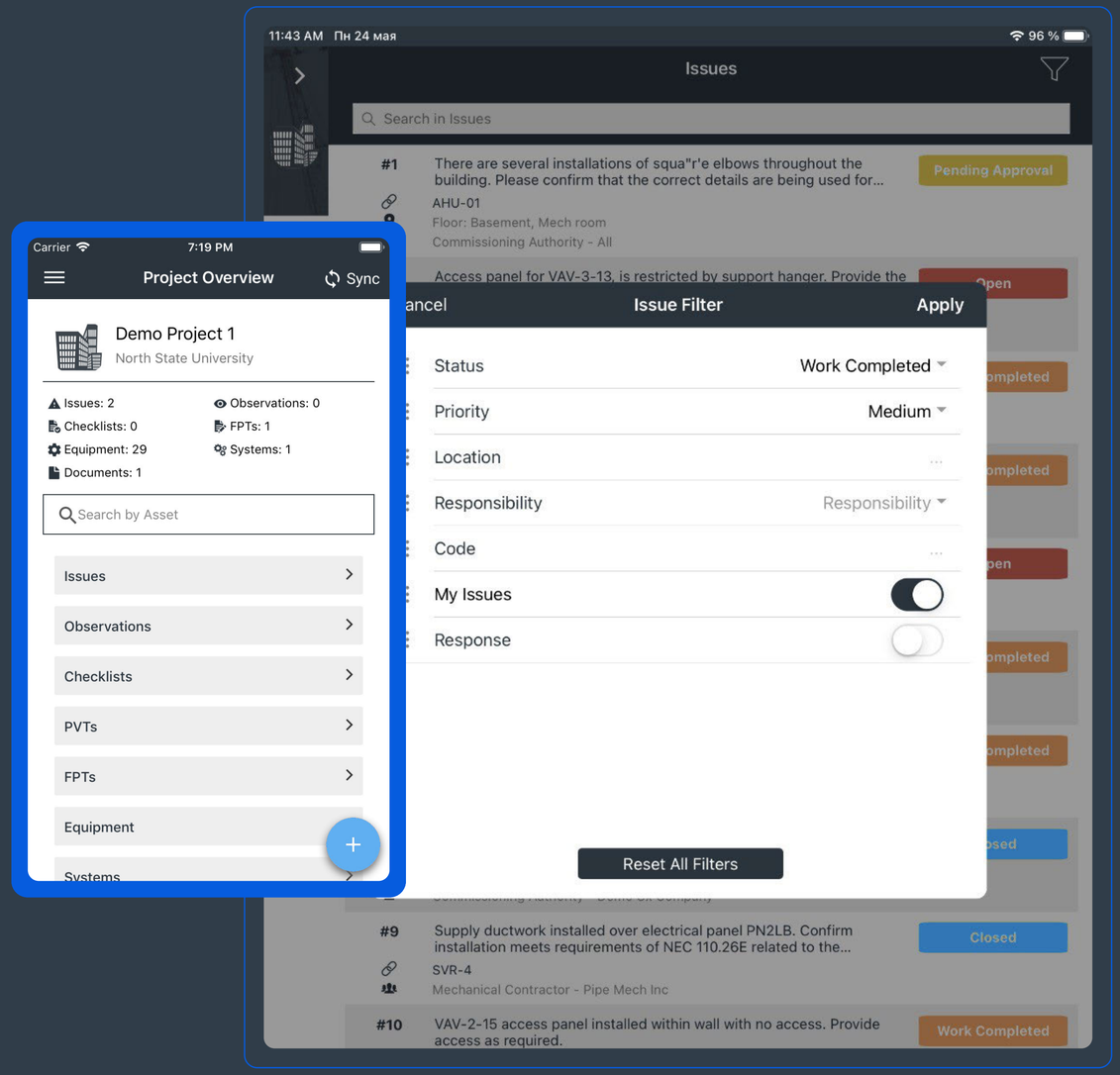
- Continuous Integration/Delivery
- Cloud-based software (SaaS)
- Variety of API integrations
- Reporting and PDF-editing services
- Distributed and optimized load
- High level of Unit Tests coverage
- Security and Testing standards compliance



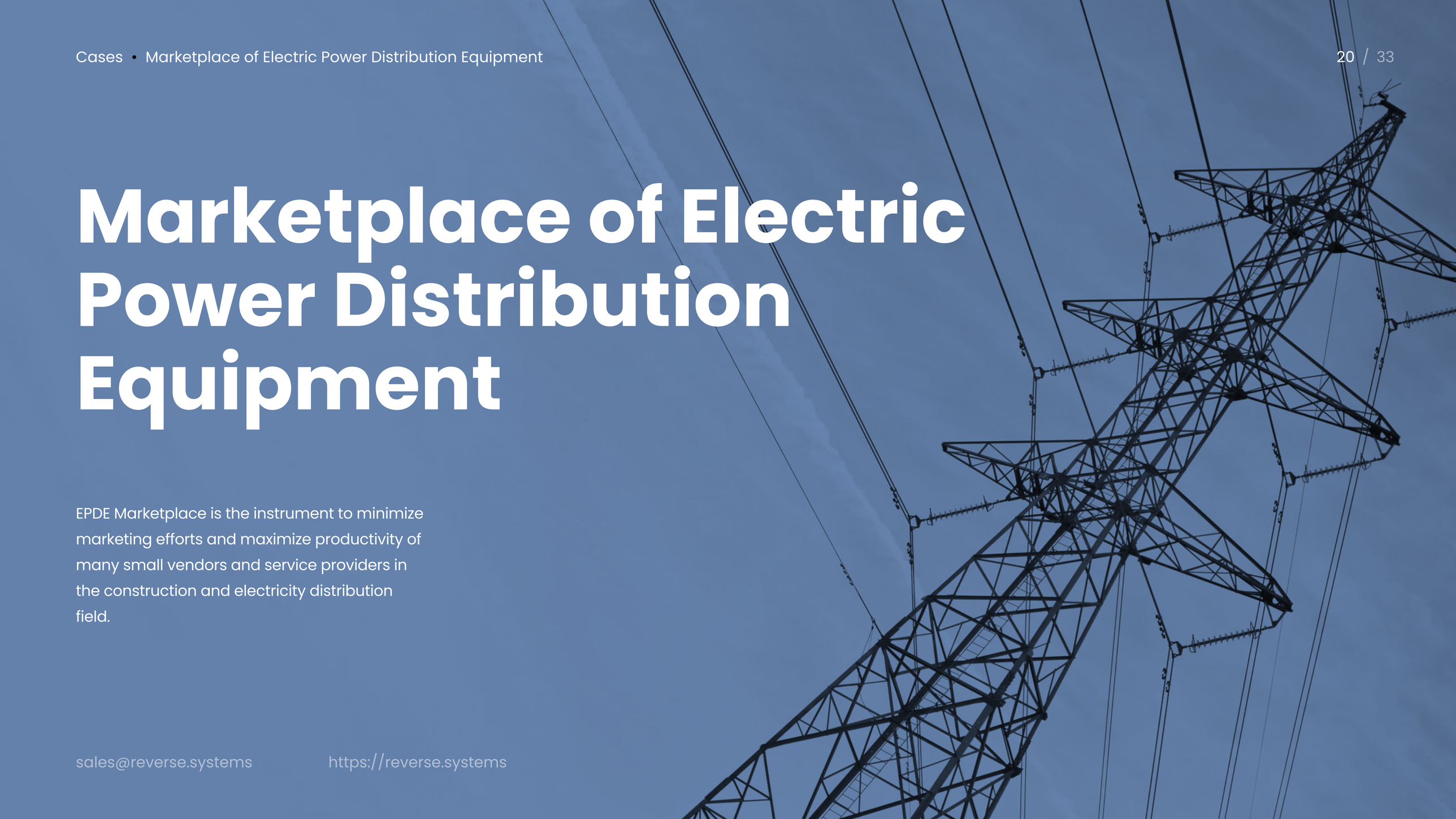
# Hybrid mobile application:

Ionic | Capacitor | Typescript | TypeORM | SQLite

- Shared codebase for Android, iOS and UWP
- Web UI elements conforming to the native look & feel
- Abstracted Single-codebase native access through plugins (with ability to write custom plugins (camera, notifications, external apps)
- Integrated SQLite database - simple and fast enough
- Suitable for offline use whenever you need. Just sync it



# Marketplace of Electric Power Distribution Equipment



EPDE Marketplace is the instrument to minimize marketing efforts and maximize productivity of many small vendors and service providers in the construction and electricity distribution field.

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# Complexity: ▬▬▬▬

# Timeline: 2019 - 2020

CI/CD | Node.js | Angular | Typescript/JS | RxJS | NestJS | API Integrations | REST | PostgreSQL

## Custom Development Team with the following responsibilities:

- Business Analytics and Project Management
- UI/UX and Prototyping
- System Architecture and Feature Planning,
- Quality Assurance

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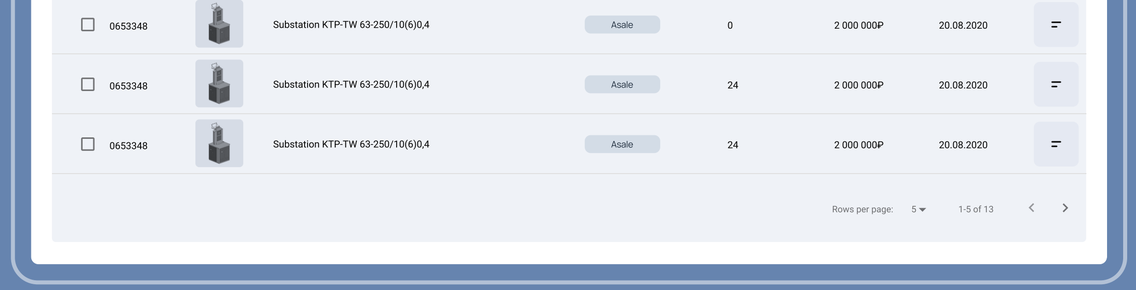
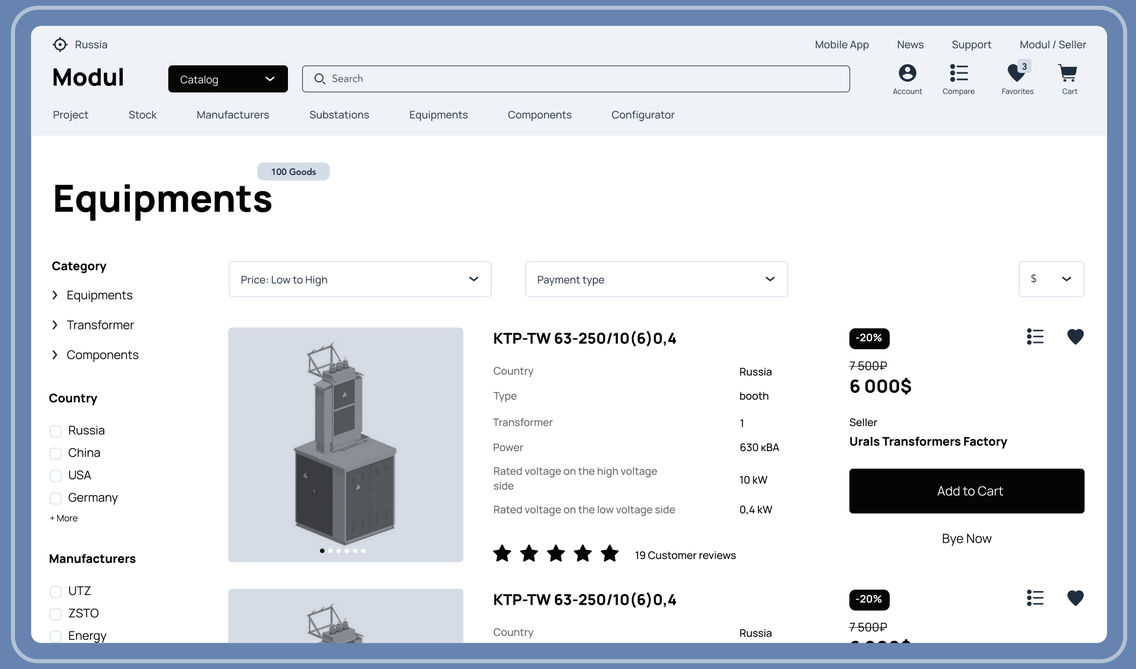
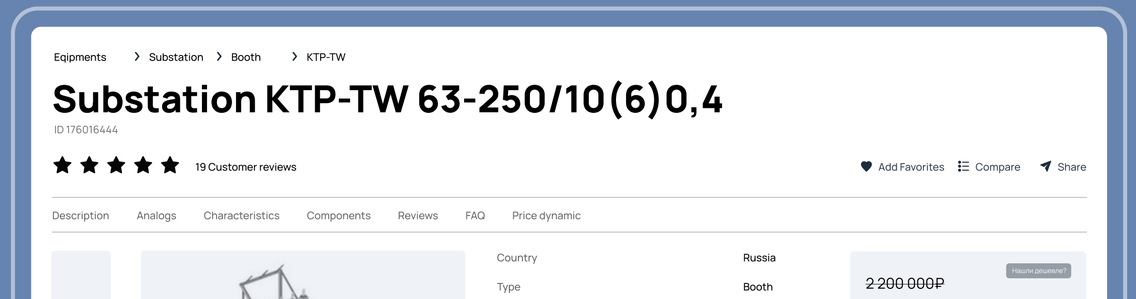
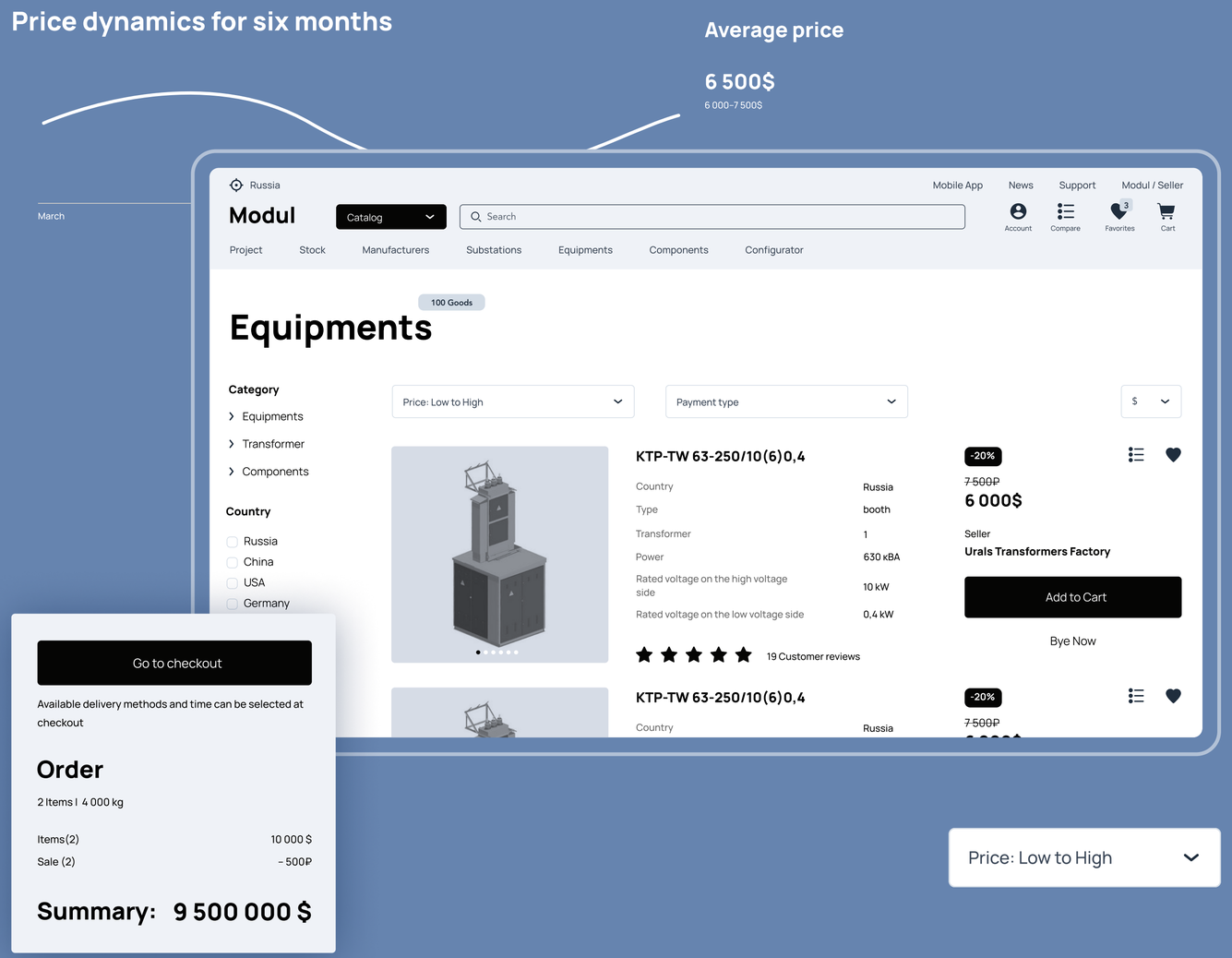


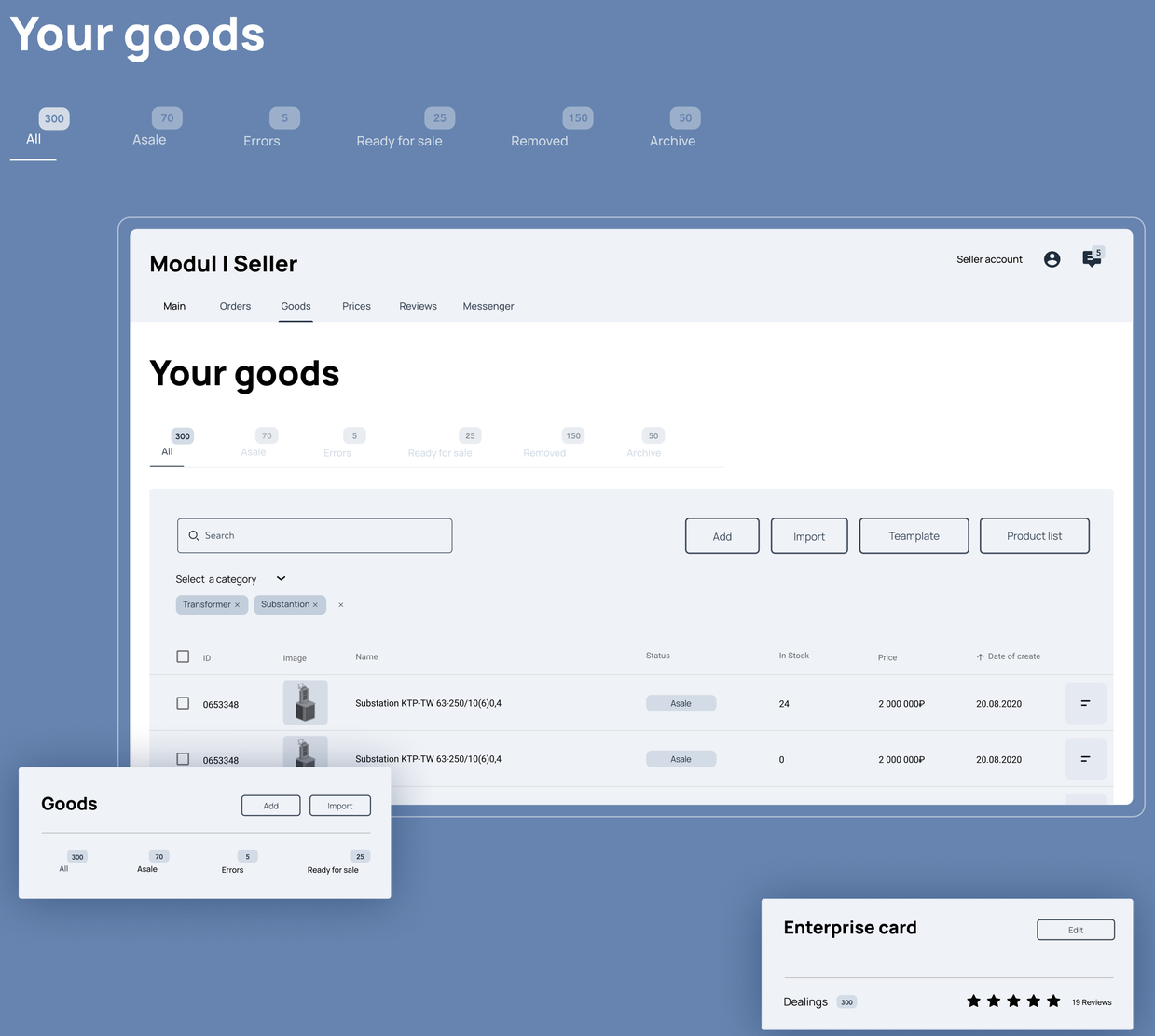



- Multi-vendor order management
- Custom catalog segmentations
- Custom payment solutions
- Convenient search and filters
- Guest checkout option
- Login/Sign in via social networks



# Complex conditions. Easy management

Main goal of EPDE Marketplace is to simplify the complexities of B2B selling. You will have the flexibility to configure and manage buyer and vendor accounts with multiple permission levels. Buyers and sellers will love the convenience of a marketplace built specifically for B2B transactions on the field of Electric Power Distribution.



# BroJect Manager

Make your teams working lives simpler, more productive and more pleasant. BroJect Manager is the easiest way for teams to track their work - and get results. Everybody knows the goals and works with the team to get there. BroJect manager - it's your Bro!

# Complexity:

# Timeline: 2017 - present days

CI/CD | Node.JS | NestJS | Angular 12 | Ionic/Cordova | JIRA API Integration | REST | MariaDB | Elastic Stack

BroJect Manager - our domestic project with main goal to deal with daily routines and make the things easier: organize work during the day, post reports, schedule meetups and vacations.

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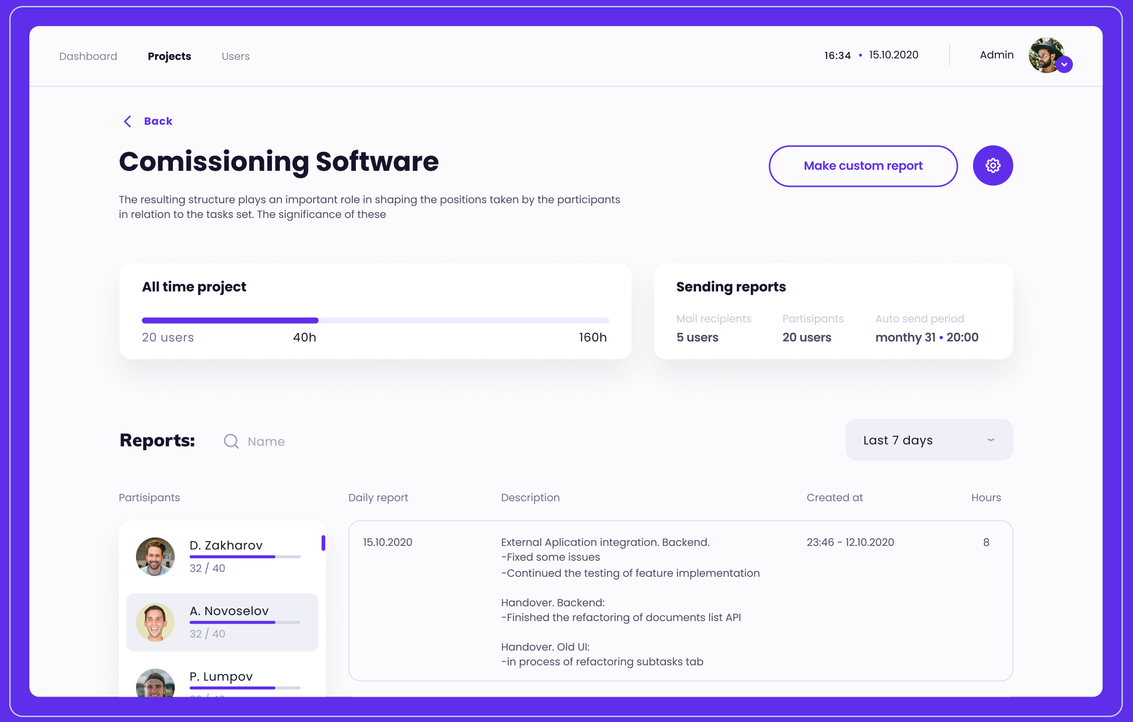
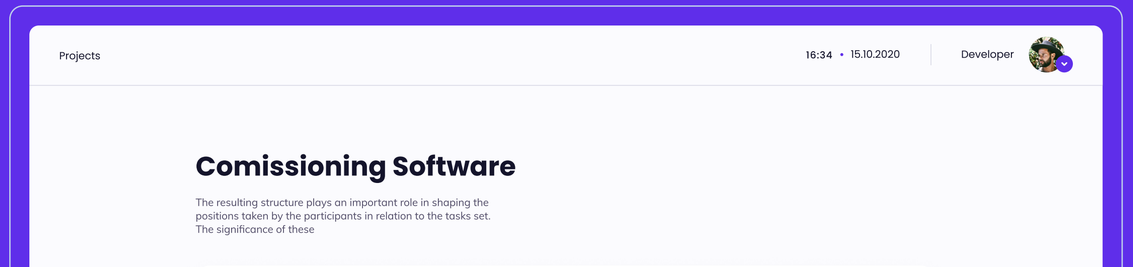
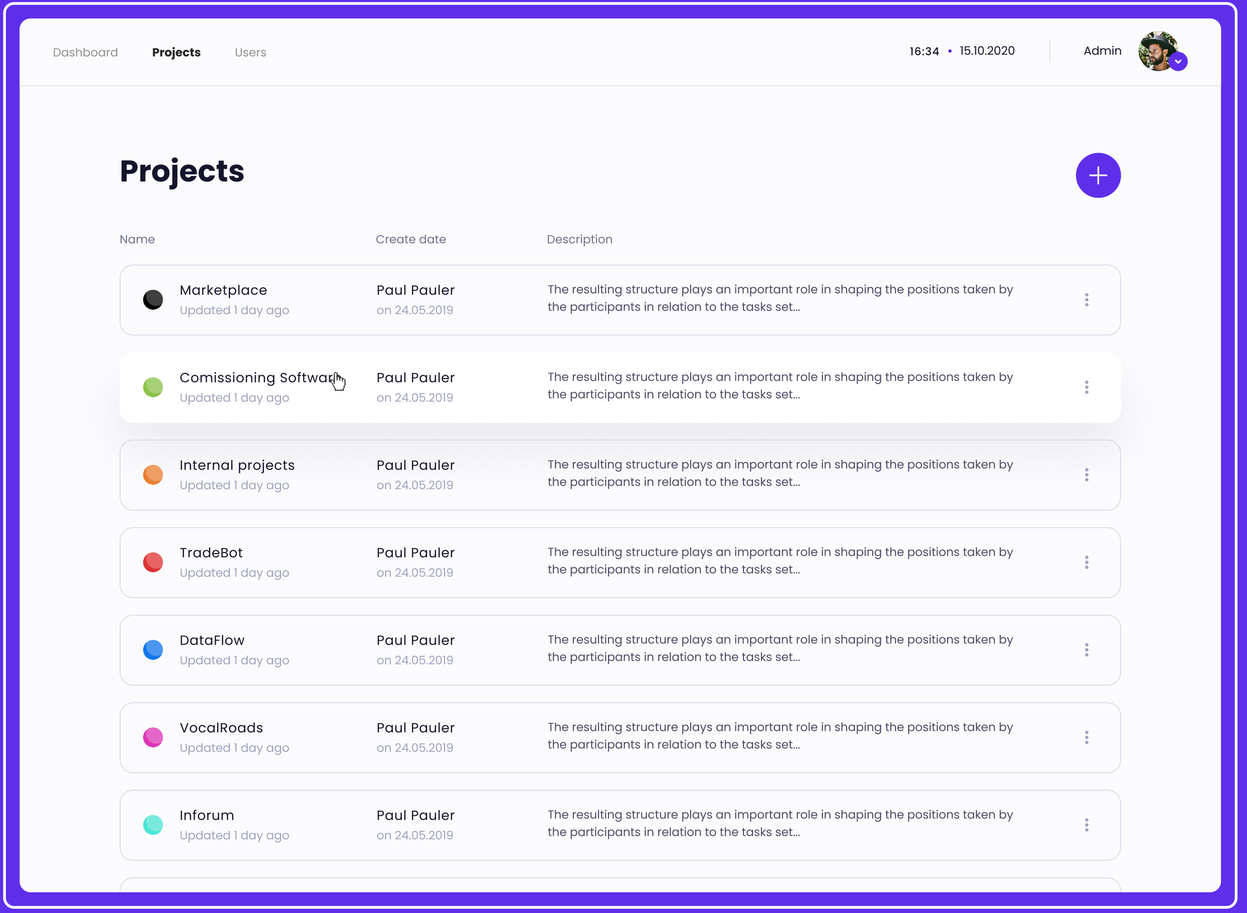
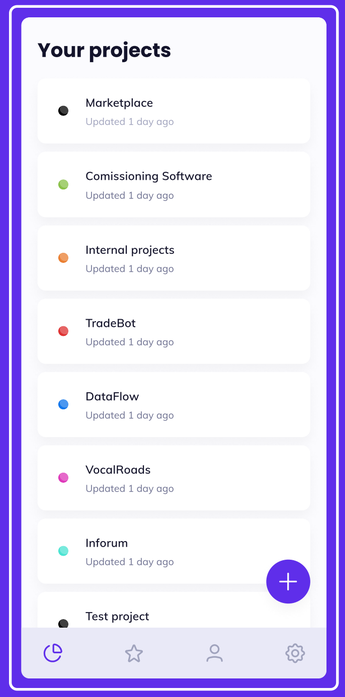


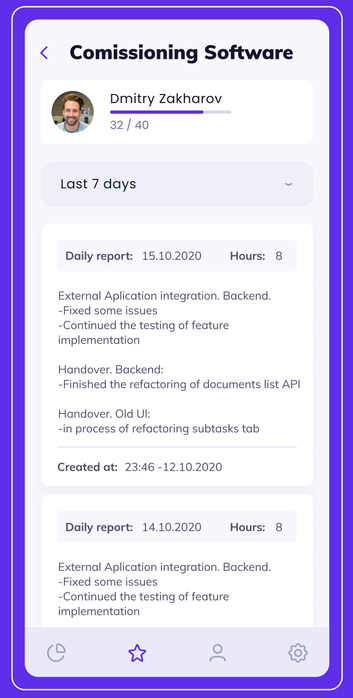



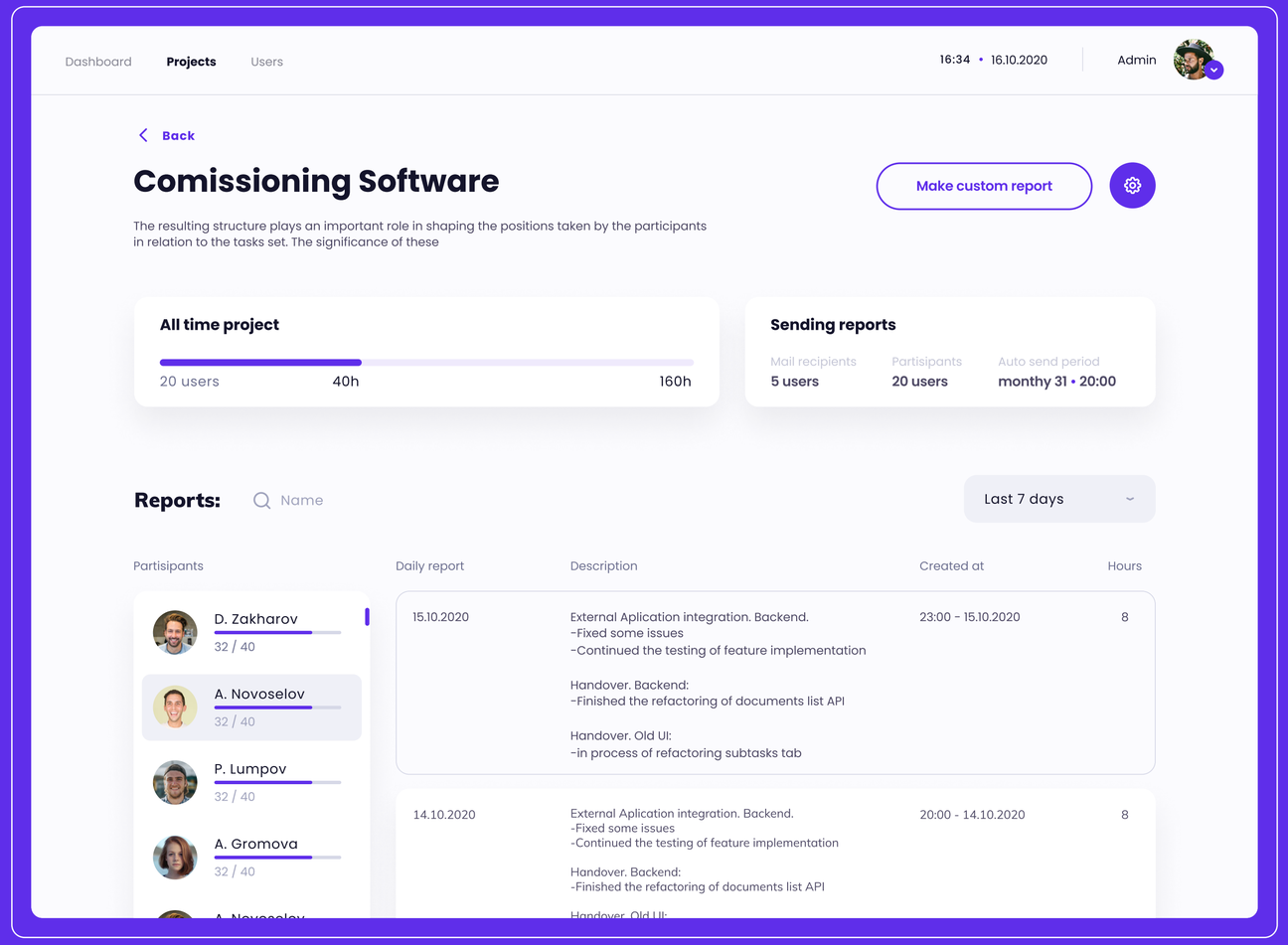


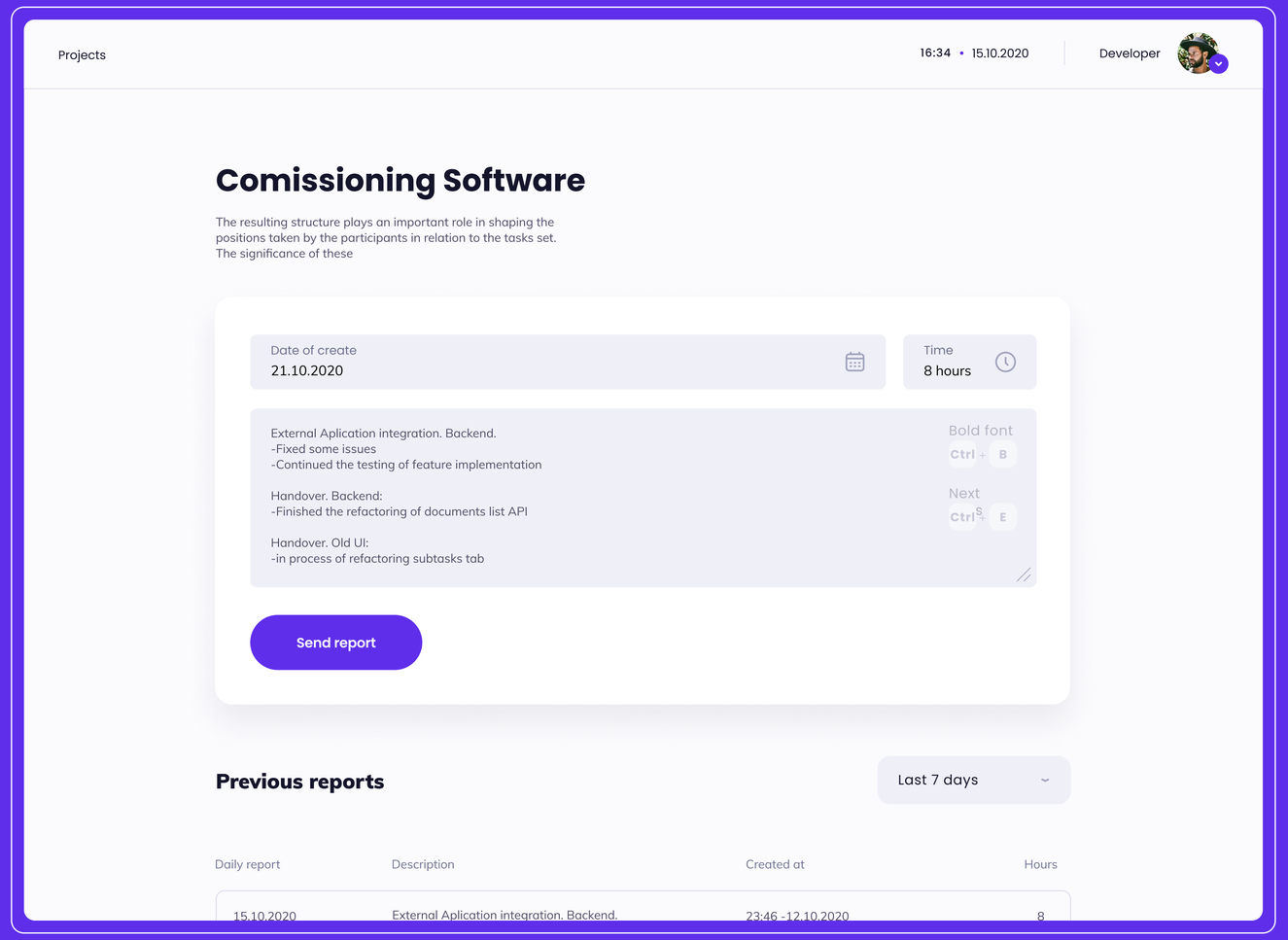



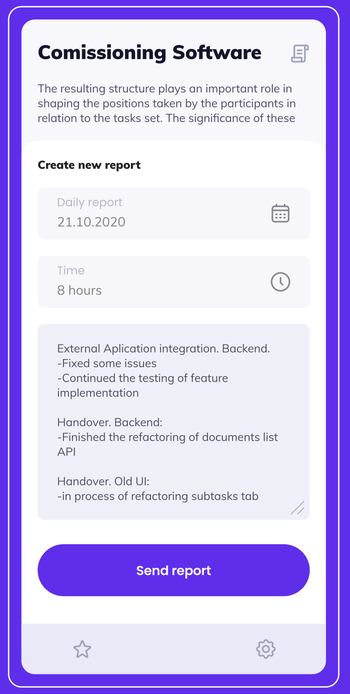

Opposite to a comprehensive project management software, startups and small businesses need a simple project management solution with fewer features that cover basic functionality. Task management, team collaboration, document management, and email integrations are the common features in simple project management software.

Post daily reports, organize your own tasks and assign tasks to one of your teammates. With BroJect Manager you have all tasks and communication in one place.





"I can easily check what happened the day before and get the clear picture of what is happening in the company. What's more, BroJect Manager helps me each day and keeps me regularly updated, in real time."

**- Danila, Project Manager**

# Blockchain Trading Bot

Create your strategy using UI and Rules
Build your bot without a single line of code.
Adjust and tweak it with the help of backtesting and practice trading. Deploy your bot on the market and watch your rules work their magic with 24/7 live-trading!

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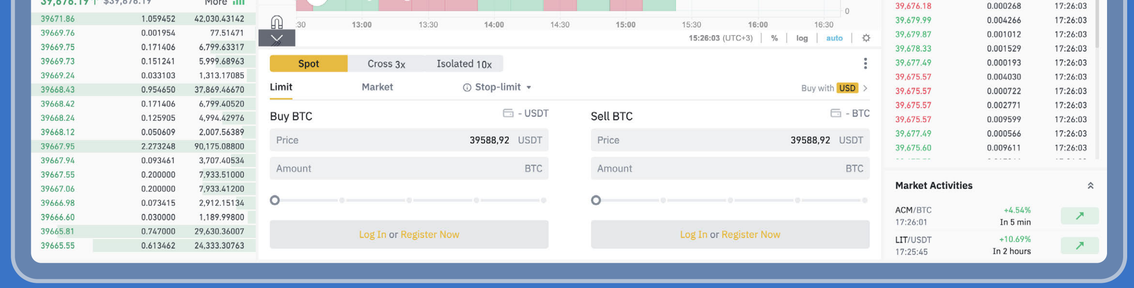
# Complexity: ▬▬▬▬

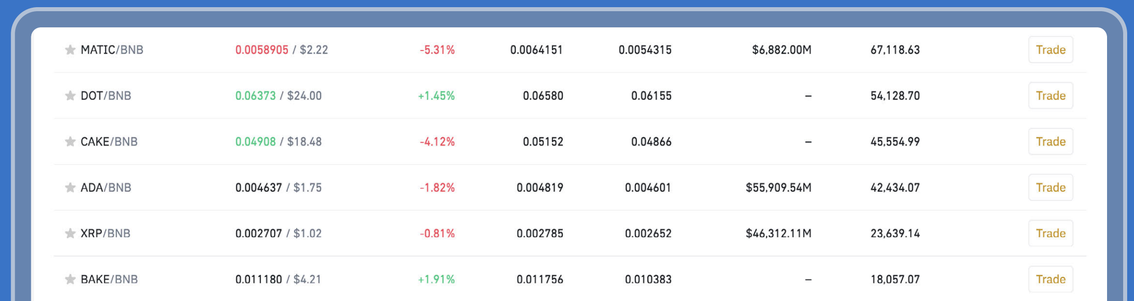
# Timeline: 2018 - Present days

CI/CD | Node.js | Angular | Typescript/JS | RxJS | NestJS | API Integrations | REST | PostgreSQL

## Custom Development Team with the following responsibilities:

- Business Analytics and Project Management
- UI/UX and Prototyping
- System Architecture, Feature Planning, Tech Writing
- API Integrations with various Crypto Stocks
- Continuous Integration/Continuous Delivery
- Quality Assurance
- Penetration Testing



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## Secure

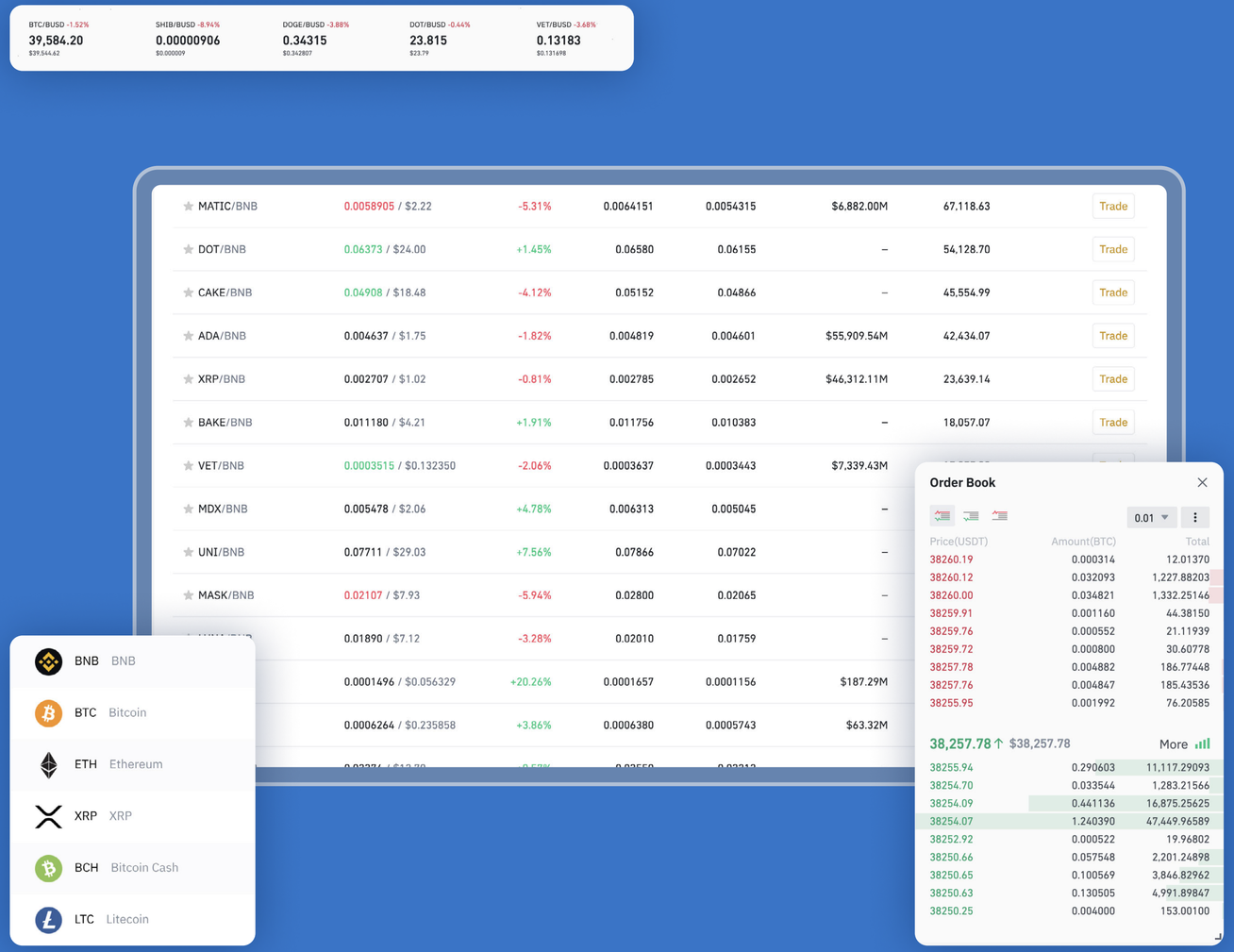
Your funds lie safely on your exchange. Trality will never touch them directly and only use official exchange APIs.

## Cloud-based

Your algorithms run reliably 24/7 and never miss a trade. Trality eliminates the need to setup your own trading servers!

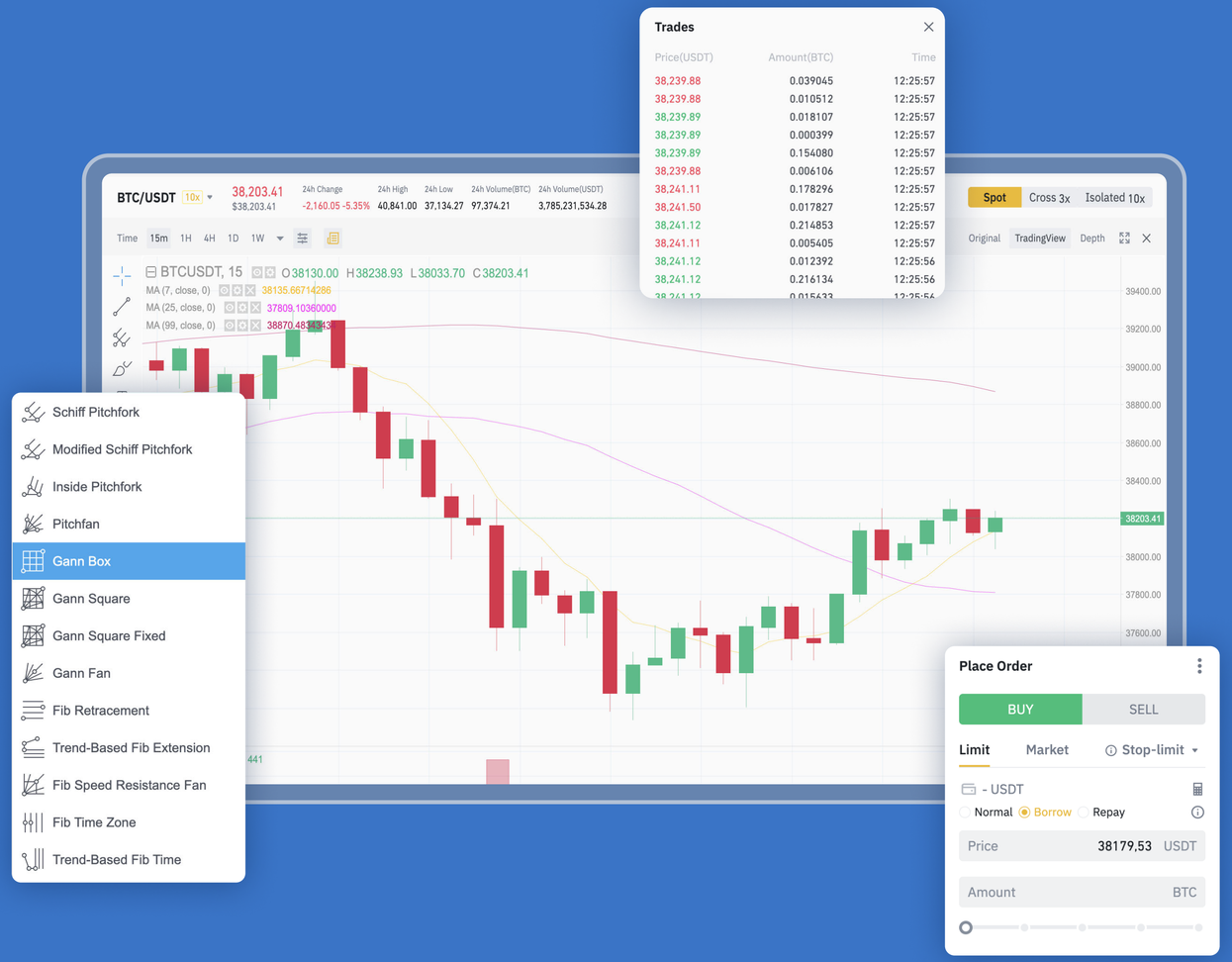
## Encrypted

Your trading strategies are end-to-end encrypted. We can't see your strategies as they are in-browser encrypted.



# Flexible customization

Configure your market maker like never before. Cancel orders automatically with different configurations per market trend, set stop-losses on filled orders and revert orders automatically.



# Contacts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+7 (922) 22 81 81 8

sales@reverse.systems


Contact us to learn how we can help with your software application development project today. Let’s meet together!