

Custom Software Development Company



Your Trusted Software Development Partner

Tahion is an ITS company that provides turn-key software development services that add impactful value to your business. Our experts specialize in customized solutions, and we offer the comprehensive range of professional services needed to bring your ideas to life, transforming them into outstanding solutions!

Among our customers are



tahion.pro



info@tahion.pro



linkedin.com/company/tahion-pro



Executive Summary



tahion.pro



info@tahion.pro



Verticals

Tahion serves organizations and businesses of every sector and of every size - from large enterprises through mid-sized companies as well as startups – anyone in need of software solutions.



**Business and
Financial**



**Education
and Career**

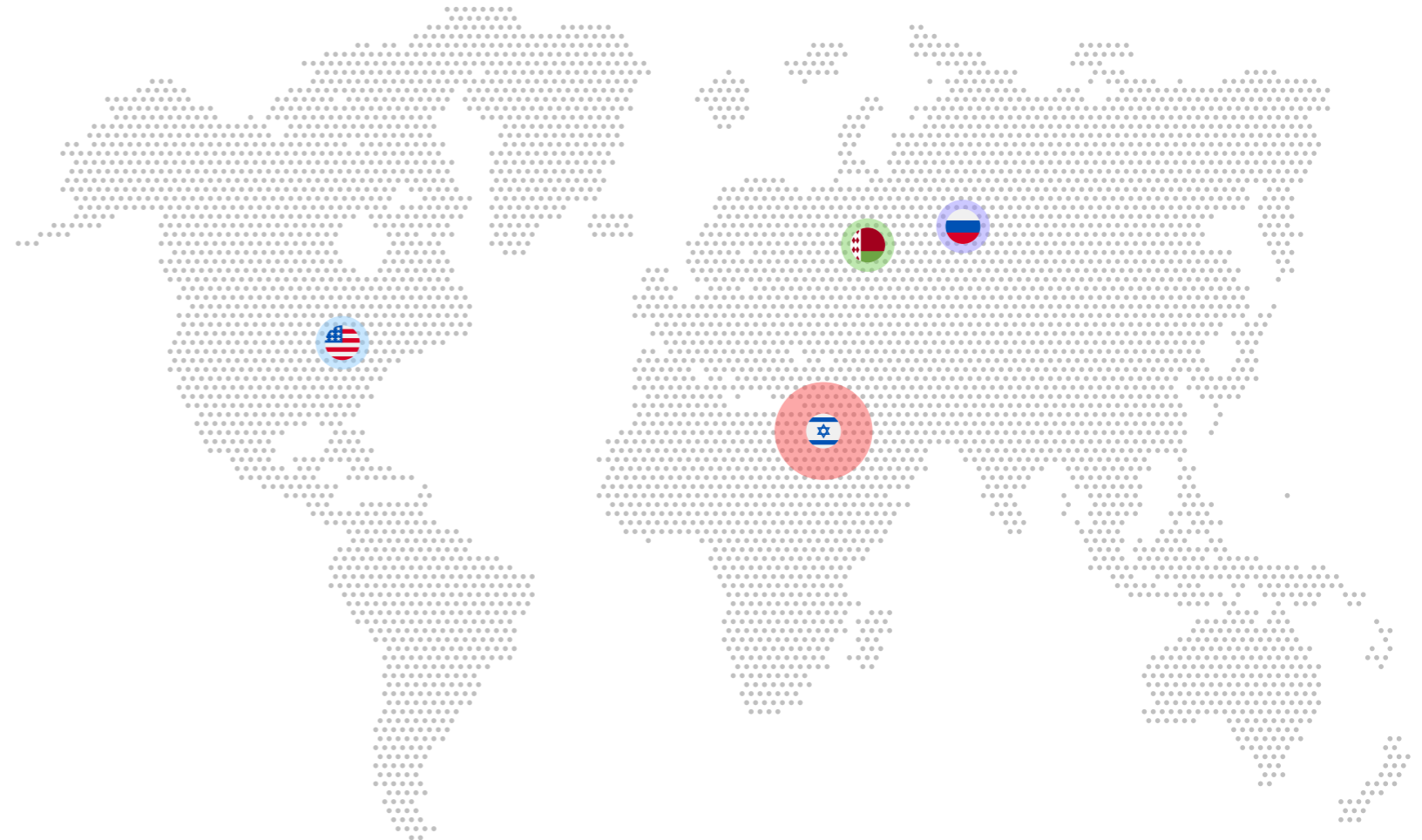


**Wholesale and
Retail**



Outstaffing

Customers' Geography



Our clients enjoy absolutely the best solutions because we have the most professional people to bring their ideas into reality!



Dan Smirnov
CEO - CoFounder

Executive Summary



We Do



We do Business Analysis

We are here to create the very best solution for your business, so before we start to design a product, we will talk to you and put in the work to understand your needs.



We do Product Design

We can handle product creation A-Z, with consideration given to every aspect and attention to detail. From functionality to reliability, maintainability, and design, as well as every other aspect, our team, working closely together, supports each other in the creation of cohesive, user-friendly, top-quality products.



We do Custom Software Development

We create custom software solutions from the ground up, designed especially to realize your ideas and serve the goals of your business.

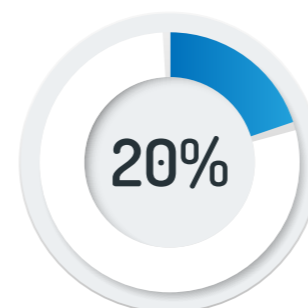
For us, technology is only the vehicle. Expertise, experience, and creativity are the keys to developing great software!



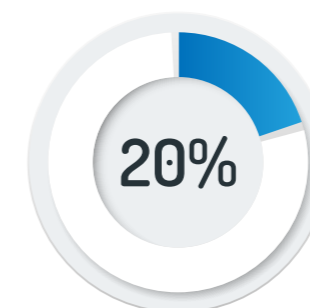
Vadim Ogarkov
VP R&D - Co-Founder

Our Team

The only way to achieve greatness daily is to work with great people who genuinely enjoy their work and take pride in it. What allows us to guarantee that we are the best choice for your projects is our team of diligent and dedicated top-notch professionals who are all about giving the best service and providing the best solutions for every one of our customers.



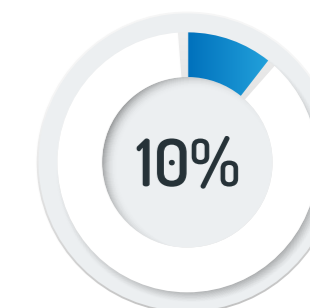
Business Analysis



Product Design



Development



Quality Assurance

Technologies Stack

- **Frontend**
Vue, Vuex, React, JavaScript, TypeScript, Redux, HTML5, CSS/CSS3, SASS (SCSS), Webpack, jQuery
- **Backend**
PHP (Laravel, Yii), C# (Windows Forms, .NET Core), NodeJS (ExpressJS), Java (Spring Boot), Go
- **Advanced AI Technologies**
Open AI, Chat GPT, D-ID, Symbl.ai
- **CMSs and Portals**
Opencart, Wordpress, Joomla, Magento
- **Cloud Computing Platforms**
AWS (EC2, S3, RDS)
- **CI/CD**
Gitlab CI
- **Databases**
MSSQL, PostgreSQL, MySQL, SQLite, Redis
- **Containers**
Docker

PROJECT DESCRIPTION

Emotion Logic HUB allows creating an account on the platform, select the type of application, and define the scope of a project. The client will be provided with an API key that can be used for both cloud and docker operations, giving the flexibility to run the analysis on the client's servers or in the cloud.

The technology allows detecting keywords and phrases. By truly understanding emotions, the Emotion Logic's client can create better customer facing solutions, more engaging chatbots, smarter responsive voice-controlled devices, and more personalized virtual reality experiences.

Delivered to the client:

- Custom Subscriptions Management System (SMS): system architecture design, UX/UI design, software development, integration.
- Emotion Logic HUB interface redesign and changes implementation.



FRONTEND

Vue.js, JavaScript, HTML5/CSS3, Pinia, Lodash, SVG, Axios, ESLint, Prettier, Webpack, Sass, Gitlab CI, GIT



BACKEND

SQL Server 2019, Node.js, RabbitMQ, Redis, Docker, AWS, MySQL, GitLab CI, Micro services, Websockets, Socket.IO, K8S, C++





PROJECT DESCRIPTION

Design and development of a highly personalized Psychometry Learning and Examination system within a tight timeline and budget.

Collaboration with Israeli colleagues and education specialists, and the ability to quickly understand the Israeli Ministry of Education's specific requirements as they apply to the Psychometry preparation and examination process were most critical to delivery of the HighQ LXP/LMS platform and its success!

Delivered to the client:

- Psychometric simulation and examination.
- Training and Practice.
- Online Group Work - Learning and Teaching Hub.
- Play2Learn - Gamified learning framework.
- Quiz - Personalized and interactive educational quizzes.



FRONTEND

React, TypeScript, HTML5/CSS3, MaterialUI, Redux, Lodash, MathJAX, Ant Design, Axios, ESLint, Prettier, Webpack, Sass, SonarQube, Jenkins, Git



BACKEND

Java 11, Spring (Boot 2, JPA, Security, Boot Admin, Mail, Batch, Actuator), Lombok, OAuth 2.0, Elasticsearch, Apache POI, iText, PostgreSQL, Flyway, Websockets, Swagger 2, TestNG, Amazon (EC2, S3, RDS), Prometheus, SonarQube, Jenkins, Gradle, Git





PROJECT DESCRIPTION

Early-stage realization of a startup idea based on the concept of "Crowd data sourcing as an investment".

Our specialists were involved in all phases of conceptualization, product design, branding, and product development.

Delivered to the client:

- PWA application
- Business analysis, competitive market research.
- Brand conceptualization
- Product conceptualization and design.
- Brand conceptualization
- Product MVP delivery



FRONTEND

Vue.js, HTML5/CSS3, Vuex, Lodash, SVG, Axios, ESLint, Prettier, Webpack, Sass, GitLab CI, Git



BACKEND

PHP 8, Laravel, OAuth 2.0, Apache2, MySQL, Redis, Cron, GitLab CI, Git



B2B/B2C
E-commerce
Platform



cd-log.co.il



PROJECT DESCRIPTION

B2B, PWA platform development for the largest importer/supplier in Israel of computer parts and peripherals.

The critical key to successful platform delivery was understanding client's warehouse management, sales and marketing.

Tahion.pro specialists' expertise, in-depth market understanding, and innovative ideas enabled us to establish a solid and long-term relationship with the client for many years.

Delivered to the client:

- B2B distribution portal.
- Stock management system including suppliers and customers management.
- Procurement strategy based predictive pricing mechanism.



FRONTEND

Blade, Vue.js, JavaScript, HTML5 / CSS3, Bootstrap, Vuex, Lodash, SVG, Axios, ESLint, Prettier, Webpack, Sass, Bitbucket Pipelines, GIT



BACKEND

Laravel, MySQL, OAuth 2.0, Swagger, Amazon (EC2, S3, RDS), Payment Gateways, REST, Cron, Bitbucket Pipelines, GIT





PROJECT DESCRIPTION

Design and development of a custom and flexible ERP SaaS platform, including process automation.

Business and competitive analysis led by our specialists help us offer the client a professional, business-oriented ERP software and deliver it within a tight timeline and minimal budget, meeting every single one of the organization's requirements.

Delivered to the client:

- Custom ERP SaaS platform.
- Procurement and Supply chain management.
- Predictive processes analysis and optimization.
- Documents flow automation, nomenclature management.



FRONTEND

Vue.js, JavaScript, HTML5/CSS3, Vuex, Lodash, SVG, Axios, ESLint, Websockets, Prettier, Webpack, Sass, Bitbucket Pipelines, GIT



BACKEND

Laravel, PostgreSQL, OAuth 2.0, Swagger, Amazon (EC2, S3, RDS), Payment Gateways, REST, Cron, Bitbucket Pipelines, GIT

PROJECT DESCRIPTION

Design and Development of the "Clickjacking" protection platform for Google Ads advertising organizations and campaign managers.

PPC Shield is an innovative service that protects advertisers from "erroneous" clicks in Google Ads campaigns.

Delivered to the client:

- Google Ads campaign real-time monitoring platform.
- "Clickjacking" detection and isolation component.
- "Clickjacking" attack prediction mechanism.
- BI and Data analytics cockpit.



FRONTEND

Vue.js, HTML5/CSS3, Vuex, Lodash, SVG, Material Design, Axios, ESLint, Prettier, Webpack, Sass, GitLab CI, Git



BACKEND

PHP 8, Laravel, OAuth 2.0, Apache2, MySQL, Prometheus, Redis, Cron, Google Ads SDK, GitLab CI, Git





PROJECT DESCRIPTION

Design and development of a custom Business Intelligence (BI) SaaS platform that enables the client to aggregate, analyze, simulate, and administer statistical and analytical data from various marketplaces, including data analysis, classification, and clustering.

Delivered to the client:

- Custom BI SaaS platform as per strict requirements.
- Data aggregation solution design.
- API interfaces design and development.
- Data extraction mechanism.
- Data analysis, extrapolation, and visualization components.
- Data classification and clustering for future usage by Data Scientists.



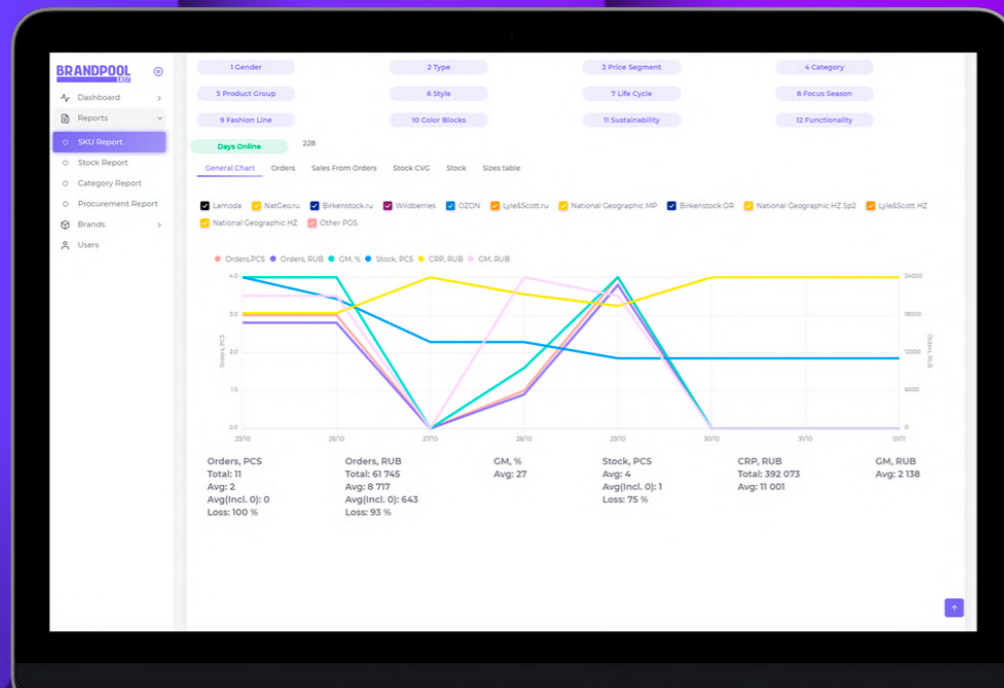
FRONTEND

Vue.js, JavaScript, HTML5/CSS3, Vuex, Lodash, SVG, Axios, ESLint, Websockets, Prettier, Webpack, Sass, Gitlab CI, GIT



BACKEND

Laravel, MySQL, OAuth 2.0, Swagger, Wildberries API, OZON API, Lamoda API, Amazon S3, REST, Cron, Gitlab CI, GIT





PROJECT DESCRIPTION

Design and development of a user centric, PWA E-commerce platform for one of the largest computer parts distributors helping the client boost users' experience, increase sales, and populate the organization's brand.

Delivered to the client:

- Product design.
- Customized E-commerce platform.
- Behavior-based items configurator component.
- Supply and Delivery management, tracking component.
- Automated clients support component.
- PCI/DSS billing solution.



FRONTEND

JavaScript, HTML5/CSS3, Bootstrap, Lodash, SVG, Axios, ESLint, Prettier, Webpack, Sass, Bitbucket Pipelines, GIT



BACKEND

OpenCart, MySQL, Cron, Payment Gateways, Bitbucket Pipelines, Amazon (EC2, S3, RDS), GIT

PROJECT DESCRIPTION

A user-centric E-commerce platform designed to feature the products of leading game brands and Microsoft software.

Thanks to its intuitive and engaging user-experience the platform enables the client to significantly increase sales and propagate "Gamers Culture" worldwide.

Delivered to the client:

- Market competitive analysis.
- Product design.
- Complete E-commerce platform.
- Procurement automation solution.
- CRM Component.
- Integration with 3rd party service providers.



FRONTEND

JavaScript, HTML5/CSS3, Bootstrap, Sass, Webpack, GIT



BACKEND

OpenCart, MySQL, Cron, Payment Gateways, GIT



PROJECT DESCRIPTION

Ofil Systems, a leading global provider of Ultra-violet Non-Destructive Testing (NDT) technology, providing innovative systems for accurate, reliable, and smart inspection solutions. The goal of the project is to develop a pilot version of Ofil's Oil Spill Cameras, and to deploy it on an oil rig. General system design comprises of a 2-senior system for detecting oil slicks on sea surface.

Delivered to the client:

- UV cameras integration. Oil rig slicks detection with maximum thin 0.1um.
- IR cameras integration. Oil rig slicks detection based on specific requirements. Thickness range criteria of 30um and higher.
- Cameras integration with a platform cockpit (Control room). Including on-site (oil rig) anomaly identification and recording mechanism.



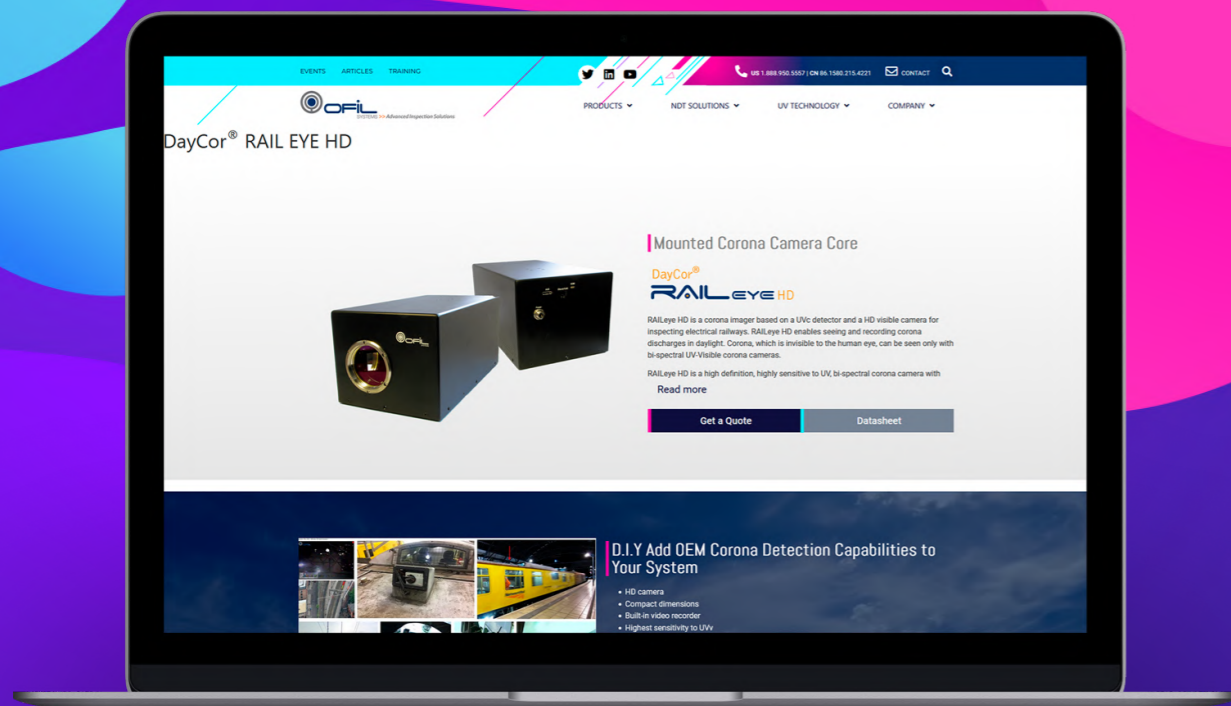
FRONTEND

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BACKEND

.NET Core 6, DevExpress WinForms



PROJECT DESCRIPTION

Digital Advertising agency providing High-End interactive solutions to markets in Israel and globally.

Delivered to the client:

- WEB 3.0 platform development, including prototyping, design, software development, and integration.



FRONTEND

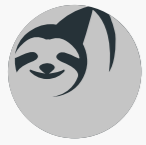
Vue.js, HTML5/CSS3, Vuex, Lodash, SVG, Material Design, Axios, ESLint, Prettier, Webpack, Sass, GitLab CI, Git



BACKEND

Laravel, MySQL, OAuth 2.0, Swagger, Wildberries API, OZON API, Lamoda API, Amazon S3, REST, Cron, Gitlab CI, GIT





sprkl

Personal
Observability
Platform



sprkl.dev

PROJECT DESCRIPTION

"Sprkl" is a Personal Observability platform that provides individual developers with telemetry data and actionable insights about their code changes. "Sprkl" leverage Open-Telemetry to instrument every code change and analyze it upon execution.

Immediate response is available directly in the IDE, including code-level traces, instrument-level traces (within an embedded Jagger instance), diff coverage insights, errors, hidden API calls, performance bottlenecks, memory usage anomalies detection, and much more!

Delivered to the client:

- Platform interface development
- Platform website advanced visualization
- Dynamic and interactive objects design and development
- FrontEnd <> BackEnd integration



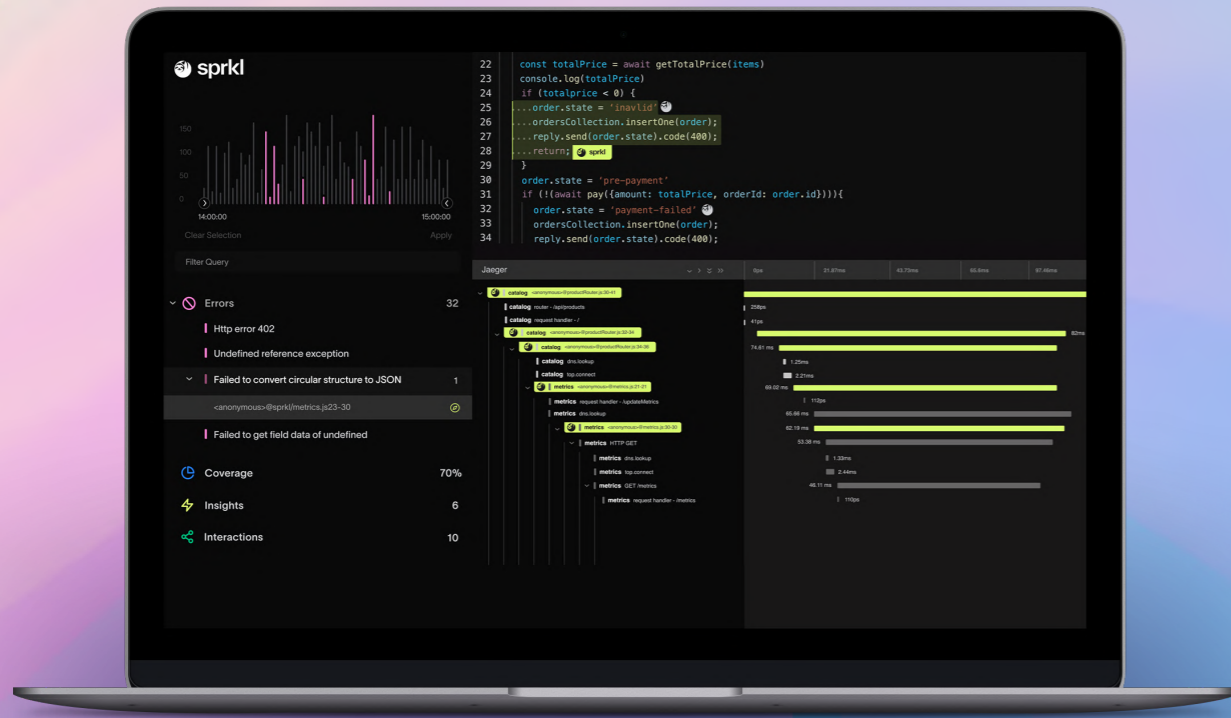
FRONTEND

React, HTML5/CSS3, Sass, Webpack, GIT, SVG, GreenSock



BACKEND

Node.js





Ofil
Reporting
Software



ofilsystems.com

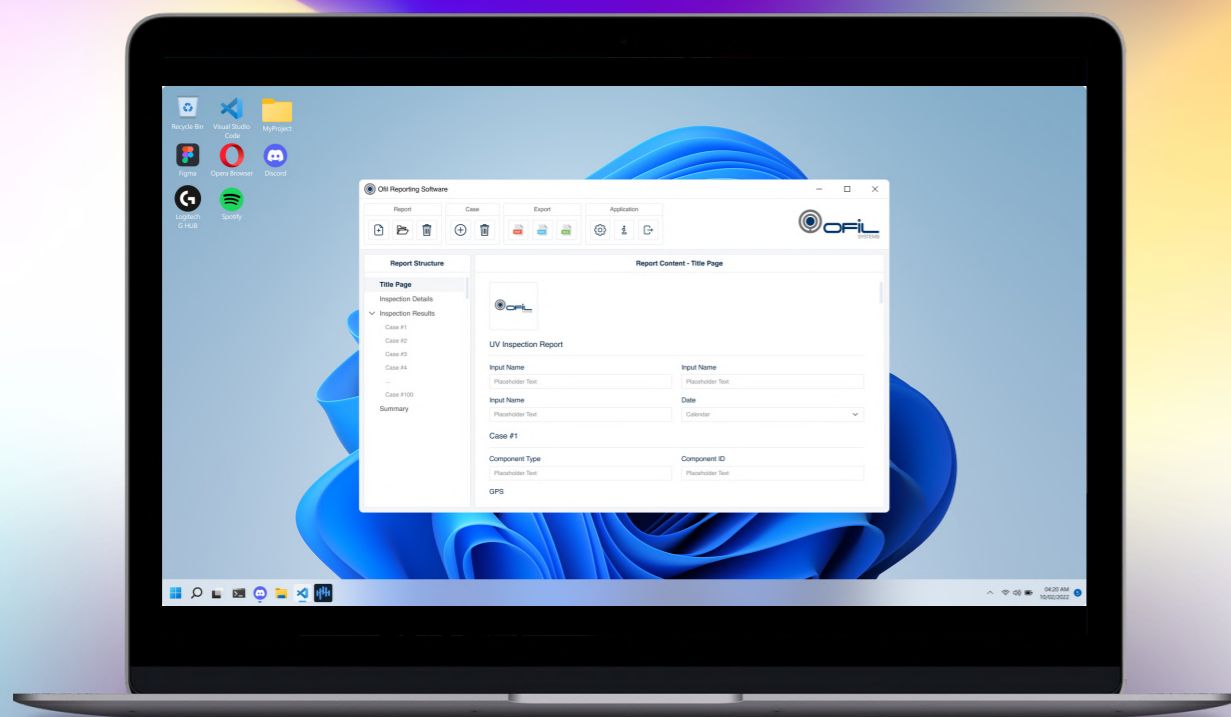
PROJECT DESCRIPTION

The reporting tool is a tool that is used by users to create reports after they perform an inspection with Ofil's cameras.

For each corona discharge event that is found by the user with the camera, the user creates a new "case" in the report.

Delivered to the client:

- UX/UI design, software development
- Creating a form that the user fills out with information and media
- Uploading the report in Word/Excel/PDF format



FRONTEND

Vue.js



BACKEND

Node.js, Electron



People, Process, Product. We focus on these three elements and as a final touch – great design. This is our winning formula and that's what our clients love about Tahion.pro!



Dan Smirnov
CEO - CoFounder

For us, technology is only a tool. Expertise, experience, and creativity are the keys to developing great software!



Andrey Grishman
CTO

Our clients are getting the best and most professional solutions because we have the best people who bring these solutions to reality!



Vadim Ogarkov
VP R&D - Co-Founder

Tahion.pro - is about a team of unique people able to hear what isn't said, feel what doesn't yet exist, and create what everyone loves!



Tatyana Ogarkova
CPO

We always remember that developing great software is not just about bits and bytes but eating pizza together and watching "Star Wars" at midnight because "This is the way"!



Viktoriya Efremova
COO

How about sharing your ideas and requirements with not "one more" software development company but with a group of professionals having bright minds and great hands?



Dmitriy Bordachev
Sr. Team Leader



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