

SOFTWARE DEVELOPMENT & CONSULTING



www.alitic.nl



alitic.info@alitic.nl



+31 6 14856171

Accomplishments

Most of our developers and consultants have extensive experience working with the most significant government and privately held institutions in the Netherlands, Belgium, Luxembourg, Germany, Croatia, and Slovenia.

The main idea and goal of Alitic as a company is to provide clients with top-of-the-line software solutions tailored to their business needs, including best practices and state-of-the-art principles and methodology from the software development segment.

Our Clients

We are available for both consulting and custom software development. With our extensive network of partners and highly skilled experts, Alitic can solve a wide range of enterprise-related problems. The following companies have given us their trust and have become our valued clients:



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Why choose Alitic?

Proven track record.

Our consultants have a track record of successfully delivering projects across various industries. We take pride in the stories of our shared success with clients.

Expertise across technologies.

From traditional development languages to the latest frameworks and technologies, our consultants have the skills and knowledge to tackle any project.

Agile and collaborative approach.

We believe in transparent communication and collaboration. Our agile methodologies ensure you are always in the loop and can adapt seamlessly to changes.

Client-centric focus.

Your success is our success. We are committed to understanding your business objectives and providing solutions that align with your long-term vision.

Our Services

Software Development

Consultancy Services

Project Management

Maintenance and Support



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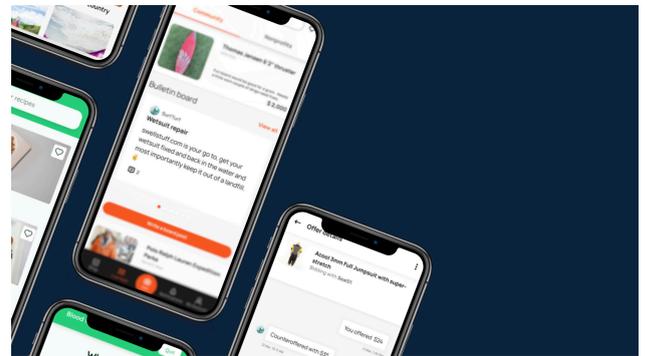
*Custom Software Development
Use Case*

Revolutionizing Insurance: Custom Portal Development

In a collaborative venture, Alitic has joined forces with an established European partner to deliver an innovative solution for a prestigious client within the insurance sector in Belgium. This partnership has seen an Alitic front-end engineer embark on developing a cutting-edge customer portal.

This portal is designed to offer users a seamless login experience, enabling them to view an overview of their contracted insurances effortlessly. Embracing the challenge, our Alitic team has acquired new skills and is mastering technologies such as the Liferay framework and Freemarker.

Together with the partner and the client, we are dedicated to expanding the portal's functionality and developing new features in alignment with the strategic vision and planning of the client's product owner.



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Consultancy Use Case

Energizing the Future: consulting and integrating advanced solutions for the European electricity market

For our Luxembourg-based client in the energy sector, we provided a team of developers to work alongside their existing team on applications for transmission system operators in the European electricity market.

Our European partner reviewed the client's initial solution at the start of our collaboration. We advised on technical improvements for their codebase, performance optimization, and setting up DevOps pipelines.

We also helped implement best practices like Scrum and merge requests and introduced technologies like Kubernetes, Docker, Spring Boot, and microservices architecture.

By adopting agile practices and modern technologies, the client is now better positioned to respond to market changes quickly and maintain a competitive edge in the energy sector.



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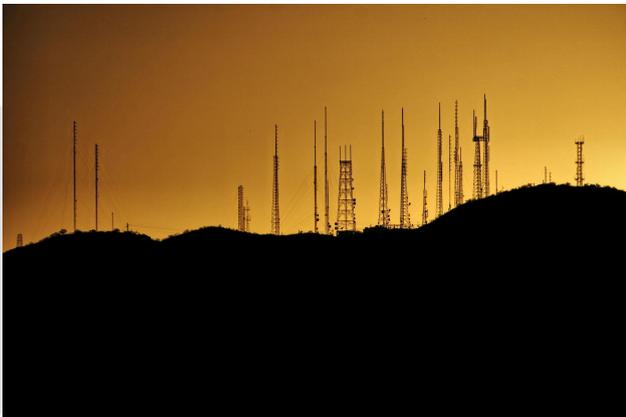
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Project Management Use Case

Enhancing Telecommunications: Project Management and Development Collaboration



Our combined team has seamlessly integrated with the existing client teams, contributing to maintaining legacy systems and developing new, cloud-native software solutions deployed on the client's internal cloud infrastructure.

In collaboration with our European partners, we are working on a project for one of the largest telecommunications companies in Germany.

Our efforts have included introducing development practices such as merge requests, DevOps pipelines, and streamlined release processes.

Benefits to the Client:

Seamless Team Integration.

Our team's ability to integrate seamlessly with the client's existing teams has facilitated smooth collaboration, ensuring that projects are advanced efficiently and effectively.

Legacy System Maintenance.

By maintaining and upgrading legacy systems, we ensured that critical older applications remained operational and efficient, supporting ongoing business operations without disruption.



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By developing new cloud-native software solutions we enhanced scalability, reliability, and performance, allowing the client to stay ahead in the highly competitive telecommunications market.

Best Practices Implementation.

Introducing industry-best practices like merge requests, DevOps pipelines, our team structured the release process and improved code quality, speed development time, and operational efficiency.

Technical Leadership.

Including a senior technical lead ensured that the project benefited from experienced oversight, guiding the project toward technical excellence and innovation. These contributions bolstered the client's operational capabilities. They also positioned themselves to achieve greater market competitiveness and customer satisfaction through enhanced service delivery.

Custom software development

We offer a complete range of processes and methodologies to provide tailored software solutions. These services are designed to address our client's specific needs and challenges.

Consultation and Strategy Planning.

We understand our client's business, challenges, and objectives and propose a strategic plan that aligns with their goals. Using tools such as Jira and

Tableau, we help organise the workload and define business objectives.

Requirement Analysis.

We provide a detailed analysis of our client's requirements to ensure the software solution addresses their needs. Through stakeholder identification, documentation, modelling, prioritisation, and baseline requirements, we provide an all-around suite of requirements analysis.

Design and Prototyping.

At Alitic, we create initial designs and prototypes to give our clients a tangible preview of the software, facilitating early feedback and iterative improvements. Our developers work with UX/UI design tools (e.g., Figma, Adobe XD), wireframing, and rapid prototyping tools to generate state-of-the-art, unique designs for each client's need.

Software Development.

Our teams offer coding and development of custom software using the latest technologies and methodologies to ensure high-quality, efficient, and scalable solutions. From React.js to Kotlin and Flutter, we work with several stacks and programming languages.

Integration and Systems Compatibility.

We ensure the new software integrates with existing systems and third-party services to enhance functionality and user experience. Our integration services include but are not limited to API design and management (e.g., RESTful API, GraphQL),



microservices architecture, service-oriented and event-driven architecture, and cloud integration (AWS Lambda, Azure, Google Cloud).

Quality Assurance and Testing (QA).

We commit to rigorous software testing to identify and rectify any bugs or issues, ensuring the product is reliable, secure, and user-friendly. Our QA involves a combination of processes (CI/CD), tools (e.g., Selenium, TestRail, LoadRunner), and methodologies to identify defects, prevent errors, and enhance The software product's overall performance and security (e.g., Jenkins).

Deployment and Implementation.

We have years of experience in version control, automated deployment, database migration, performance tuning, documentation, and security measures. Some of the most popular tools we provide expertise in are Jenkins, GitLab CI/CD, CircleCI, GitHub Actions, Docker, and Ansible.

Training and Support.

We provide customised user manuals and documentation and interactive training sessions. Our training and support offering includes a help desk and ticketing system, dedicated support personnel for your projects, remote support and diagnostics.

Maintenance and Updates.

We offer maintenance solutions such as scheduled updates, patch management, and feature roadmaps to address emerging issues and periodic updates to include new features or Improvements. Other services include beta testing, backward

compatibility, and regularly monitoring performance bottlenecks, security vulnerabilities, and bugs.

Scalability Solutions.

Some of our most on-demand scalability services include designing systems through stateless design, database scalability (e.g., sharding, partitioning, and replication), load balancing (i.e., distributing traffic across multiple servers), caching, and microservices architecture.



Consultancy services

Our software consultancy services are tailored to harness the latest digital transformation trends, ensuring your business adapts and thrives in the digital era.



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AI and Machine Learning Integration.

Alitic leverages these technologies to automate processes, analyse data, and predict trends, ensuring your business is reactive and proactive.

Cloud Computing Agility.

We help companies migrate to the cloud seamlessly, ensuring robust, scalable solutions that support remote work dynamics and collaboration, all while optimising costs.

Cybersecurity and Resilience.

Alitic strongly emphasises building cybersecurity resilience, ensuring your digital assets are protected through advanced security protocols, continuous monitoring, and proactive threat detection.

Blockchain for Trusted Transactions.

From supply chain management to financial services, our consultancy services explore blockchain's potential to transform operations.

IoT for Enhanced Connectivity.

Alitic taps into IoT to help businesses improve efficiency, enhance customer experiences, and open new revenue streams through connected ecosystems.

Digital Experience and Customer Engagement.

We employ cutting-edge digital experience platforms and strategies to enhance customer engagement, loyalty, and satisfaction through personalised, omnichannel experiences.

Project Management Services

Our project management services are designed to navigate the complexities of modern business environments, delivering results that drive growth, innovation, and value.

Holistic Strategy and Planning.

Leveraging the PMBOK® Guide's foundational principles, our project management begins with a thorough understanding of your strategic objectives. We tailor our planning process to align with your business goals, ensuring that every project milestone is a step toward achieving those goals.

Risk Management and Mitigation.

Drawing on PRINCE2's emphasis on risk management, we proactively identify potential risks at every project stage. We mitigate risks through meticulous analysis and strategic planning, ensuring your projects are resilient and secure against unforeseen challenges.

Technology Integration and Digital Transformation.

From AI and machine learning to cloud computing, we leverage technology to enhance efficiency, productivity, and innovation in every project.

Agile and Adaptive Execution.

Recognising the value of flexibility and responsiveness, our methodologies incorporate Agile practices. This approach allows us to navigate changes and pivot strategies as needed, ensuring



projects remain aligned with evolving business landscapes and stakeholder needs.

Quality Assurance and Continuous Improvement.

Focusing on quality, our projects undergo quality assurance checks rooted in Six Sigma principles.

End-to-end Project Lifecycle Management.

Our expertise ensures that your projects are delivered on time, within budget, and with the desired outcomes, transforming your strategic vision into reality.

Maintenance and Support Services

Alitic's Maintenance and Support Services are designed to ensure that your software continues to operate at peak efficiency and evolves with your business needs and the latest technological advancements.

Comprehensive Maintenance Solutions.

From resolving issues to modifying software for changing environments and enhancing features for performance improvement, we aim to ensure your software remains robust and relevant.

Customised Support Plans.

Whether you require 24/7 support for critical applications or periodic assistance for less critical systems, Alitic has a plan that fits your business.

Client Training and Assistance.

We aim to enhance user competency and confidence, enabling your team to effectively manage day-to-day operations and maximise software utility.

Support and Monitoring.

Through monitoring and regular health checks of your software systems, we can identify and address potential issues before they become problems, ensuring minimal downtime and uninterrupted business operations.

Communication and Reporting.

We provide regular, detailed reports on your software's status, maintenance activities undertaken, and insights into potential areas of improvement, ensuring you are always informed and in control.

Practices

RFID

Radio-frequency identification (RFID) enables the tracking and management of assets, automates processes and even strengthens system security. With RFID tags available in all shapes, sizes, materials, and price points, the implementation possibilities for this technology are expansive. With years of experience, we've seen various use cases spanning different industries. Our strength is not



just in the code that runs the systems. But we have actual on-site experience and hardware knowledge.

Internet of Things (IoT)

The power of the **Internet of Things (IoT)** lies in its ability to connect and empower a myriad of devices, creating an intricate web of communication and data exchange. Alitic is experienced in harnessing this power by developing applications that enable devices to seamlessly interact, share information, and respond intelligently to the data they generate. This interconnected ecosystem of devices can open up new realms of automation, efficiency, and innovation. Through programming, IoT enables smart homes to adjust lighting and temperature based on user preferences, industrial machines to optimize production processes, and healthcare devices to monitor and transmit vital signs in real-time.

Big Data

Through **Big Data** applications, one gains the capacity to process and derive meaningful insights from vast and complex datasets. Alitic will support your business by leveraging advanced algorithms and analytics tools to extract valuable information from large volumes of structured and unstructured data. This capability enables organizations to make

informed decisions, identify patterns, and predict trends.

Thank you for choosing Alitic!

Alitic has supported its clients in these pursuits using various technologies and practices.

Programming languages we work with

Java, C#/.NET, PHP (Laravel and Symfony), HTML/CSS, JavaScript, Angular, GoJS, ReactJS, and React Native (mobile development).

Technologies/tools we have experience with

Java Spring (Boot), FreeMarker Relational Databases, PostgreSQL, OracleDB Docker, Kubernetes, OpenShift, Liferay, IBM, Alfresco, Jenkins, Github, Gitlab CI, Bitbucket, AWS / Azure / GCP, IOS / Android.

Methodologies we've worked with

Agile, Scrum, Kanban, Rapid Application Development (RAD), and Test-Driven Development (TDD).

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HTTPS://ALITIC.NL

+31 61485617



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