



IntOps

# The reliable partner.

Optimal IT solutions for your needs.



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# 1 About IntOps

IntOps is a consulting company with specialists experienced in implementing advanced and demanding IT solutions.

The company has a highly skilled team of software developers, engineers, and designers who are experts in their fields. We are knowledgeable about the latest software development trends and technologies and aim to deliver software projects on time and within budget.

IntOps is experienced in comprehensive project management at every stage, from collecting system requirements, through architecture and infrastructure design, implementation, testing and production support. We strive to form strong, long-term relationships with business partners by providing the highest standards of services.

Excellent customer support, with a dedicated team that responds quickly and effectively to customer inquiries and issues is a key differentiator. Our customer service team is knowledgeable about the software and can provide helpful advice and guidance.

## 2 Specialization and experience

### Microservice architecture solutions

IntOps is a leading expert in designing and developing high-performance, high-availability, scalable, and fail-safe microservice applications. Our team of experienced developers and designers have a proven track record of creating custom microservice applications that meet the unique needs of our clients.

Our approach to microservice application development involves a comprehensive analysis of our clients' requirements and business goals. We work closely with our clients to identify their specific needs and challenges, and then design and develop a custom microservice architecture that meets their expectations.

We specialize in developing microservices that are highly performant, able to handle large amounts of traffic and transactions with ease. Our microservices are also designed to be highly available, with built-in failover mechanisms that ensure continuous operation even in the face of hardware or software failures.

Our designs are also highly scalable, capable of handling sudden increases in traffic or transaction volumes without impacting performance. We achieve this scalability through the use of containerization and other modern development techniques.

We pay attention to ensure solution fail-safe, meaning that applications are designed to minimize the impact of errors and prevent catastrophic failures. We use a combination of techniques such as automatic failover, redundancy, and data backups to ensure that our microservices are always up and running, even in the event of unexpected errors or issues.

IntOps is a trusted partner for businesses seeking high-performance, high-availability, scalable, and fail-safe microservice application development. Our team of experts is committed to providing customized solutions that meet the unique needs of our clients, while delivering exceptional value and reliability.

## Integration of IT systems

IntOps core team has over 10 years of experience in system integration with Enterprise Service Bus (ESB) and API Management technologies. We have a proven track record of delivering highly effective integration solutions that streamline business processes, improve efficiency, and enhance overall performance.

At IntOps, we understand that integrating multiple systems can be complex and challenging. That's why we work closely with our clients to understand their unique needs and requirements, and base on that design and develop a customized integration solution.

Our team is experienced in working with enterprise service buses (ESBs), which are middleware solutions that enable seamless communication and data exchange between different systems. With an ESB, our clients can easily integrate disparate systems and applications, both within their companies and also with external entities and service providers.

In addition to ESB integration, we also specialize in API Management, which involves the creation and management of APIs (application programming interfaces) that enable communication between different systems and applications. Our API Management solutions provide comprehensive security and monitoring features, ensuring that all data is transmitted securely and that system performance is optimized.

Our team of experts is also experienced in working with a wide range of integration technologies and platforms, including messaging systems, databases, web services, and more. This expertise allows us to provide customized integration solutions that meet the unique needs of our clients, no matter what technologies they are using.

We try to be a trusted partner for businesses seeking system integration solutions with ESB and API Management. Our team of experts is committed to delivering high-quality solutions that streamline business processes, improve efficiency, and enhance overall performance.

## Document management systems

IntOps understands the importance of efficient and effective document management in business operations. We are equipped with the knowledge and skills required to develop DMS solutions that meet the specific needs of their clients. We work closely with our clients to understand their document management requirements, design and implement DMS solutions that meet those requirements, and provide ongoing support and maintenance to ensure the smooth operation of the system.

A DMS solution developed by us includes features such as document indexing, storage, encryption, retrieval, versioning, security, and audit trails. These features are designed to

help businesses manage their documents more effectively and efficiently, reducing the risk of lost or misfiled documents, minimizing manual data entry, and improving overall productivity.

In addition, IntOps with experience in DMS may also offer integration services, allowing their clients to seamlessly integrate our DMS solutions with other enterprise applications, such as Customer Relationship Management (CRM), Enterprise Resource Planning (ERP) and Business Process Management (BPM) systems.

Our company with experience in Document Management Systems is well-positioned to help businesses manage their documents more effectively, improving operational efficiency, reducing costs, and enhancing overall productivity.

## Real-time trading systems

Real-time Forex and CFD market trading is a highly specialized area of expertise that requires a deep understanding of financial markets, trading strategies, risk management, and cutting-edge technology.

As a system developers we work together with highly skilled analysts and traders to identify profitable trading opportunities and execute trades quickly and efficiently.

In our projects we used advanced trading platforms that allow us to access real-time market data and use sophisticated trading algorithms to analyze market trends and make trading decisions in real-time. We also implement risk management tools to help mitigate potential losses and protect investments.

Our solutions are high-performance, high-availability, scalable, fail-safe, and geographical distributed to provide traders support and automation with the speed, accessibility, and reliability they need to succeed in the fast-paced world of financial markets.

## Embedded systems and IoT

Our specialists with experience in embedded systems and IoT based on STM32 and ESP32 microcontrollers are well-versed in the design and development of smart, connected devices. We have a deep understanding of the hardware and software components required to develop IoT solutions, as well as the ability to customize and extend those solutions to meet the specific requirements.

We are also experienced in developing custom firmware and software libraries, allowing us to tailor our solutions to characteristics of different applications. Applications which also involve the integration of sensors, actuators, and other components to enable a range of functionalities, such as remote monitoring and control, predictive maintenance, and data analytics.

## Performance tuning

In many areas of our activity, the key factor of success is the solution efficiency. That's why we have a lot of experience in this topic. Performance tuning is important for us for several reasons:

- **Improved Application Performance:** performance tuning helps to improve the speed and responsiveness of applications. By identifying and addressing performance bottlenecks, applications can respond faster and provide a better user experience.
- **Reduced Resource Usage:** performance tuning can help reduce the amount of system resources required to run an application. This can lead to cost savings and improved system stability.
- **Better Scalability:** As applications grow in size and complexity, it becomes increasingly important to ensure that they can scale to handle increased load. Performance tuning can help improve application scalability, allowing it to handle more users, more data, and more transactions.
- **Increased Reliability:** Poorly performing applications can lead to system crashes and downtime, which can be costly and disruptive. Performance tuning can help improve application reliability by identifying and addressing potential issues before they become critical.
- **Competitive Advantage:** In today's fast-paced business environment, organizations that can deliver high-performing applications quickly and efficiently have a competitive advantage. Performance tuning can help organizations deliver applications faster and more efficiently, giving them an edge over their competitors.

Aware of the importance of efficiency, the solutions we create take into account all of its related factors. We also have experience with improving the performance of customers' applications.

## Agile

IntOps works with Agile methodology following a flexible and iterative approach to software development, project management, and other business processes. Agile methodology focuses on delivering value to customers through continuous improvement, collaboration, and rapid feedback loops.

The key important for us characteristics are:

- **Iterative Development:** Agile methodology emphasizes iterative development, where software is developed in short, incremental cycles. This approach allows us to quickly respond to changing requirements and feedback from stakeholders.
- **Customer Collaboration:** Agile methodology emphasizes collaboration with customers throughout the development process. This helps ensure that the final product meets the needs of the customer and is delivered on time and within budget.

- **Self-Organizing Teams:** Agile methodology encourages self-organizing teams that have the autonomy to make decisions about how they work and how they deliver value to the customer.
- **Continuous Improvement:** Agile methodology emphasizes continuous improvement, where teams reflect on their performance and identify ways to improve their processes and practices.
- **Rapid Feedback Loops:** Agile methodology emphasizes rapid feedback loops, where teams receive feedback on their work early and often. This helps teams to quickly identify and address issues before they become major problems.

By following a flexible and iterative approach to software development and project management, IntOps can respond quickly to changing market conditions and customer needs, stay ahead of the competition, and deliver exceptional customer experiences.

### 3 Technical stack

Our team members have a deep understanding of a wide range of technologies and development tools, allowing us to tackle even the most complex projects with ease.

#### Programming languages and frameworks

- Java
- Spring
- SpringBoot
- Hibernate
- Javascript
- React
- Redux
- Angular
- C
- C++
- ARM Assembler
- Python
- Bash

#### Integration platforms

- Red Hat Fuse
- WSO2 API Management
- Apache Camel
- Apache Karaf
- Apache ActiveMQ
- Apache ActiveMQ Artemis
- Apache Kafka

#### Contenerization and containerized applications management

- Docker
- docker compose
- docker registry
- Kubernetes
- VMWare Tanzu

- Rancher by SUSE
- Helm packet manager
- Harbor Registry

## Cloud

- Amazon Web Services
- Google Cloud
- Red Hat OpenStack

## Databases, search engines and caches

- Oracle
- MongoDB
- MySQL
- PostgreSQL
- Elasticsearch
- Opensearch
- Hazelcast
- Memcached
- Redis
- Ehcache

## CI/CD

- AWS CloudFormation
- AWS CodePipeline
- HashiCorp Terraform
- HashiCorp Packer
- HashiCorp Consul
- HashiCorp Vault
- Atlassian Jira

- Atlassian BitBucket
- Atlassian Bamboo
- Gitlab
- Jenkins
- CloudBees CI/CD

## Monitoring and logging

- Grafana
- Prometheus
- Elastic Stack
- Zabbix

## OS and infrastructure management

- Red Hat Enterprise Linux
- CentOS
- Stream
- Ubuntu
- Debian
- Red Hat Satellite
- Spacewalk
- Uyuni

## Performance and profiling

- YourKit
- JProfiler
- Gatling
- JVM profiling
- Linux profiling



We don't just write code - we also bring creativity and innovation to every project we work on. Whether we're designing a simple application or developing a complex system, we always strive to create something that is both functional and high quality appealing.

We are meticulous in our work and pay close attention to every detail, from the smallest line of code to the overall user experience. This ensures that we deliver a product that is not only functional, but also easy to use and technically stunning.

We understand the importance of deadlines and always work hard to deliver projects on time and within budget. Our clients can trust us to be reliable, responsive, and professional at all times.

**We willingly participate in both large and small projects. Our qualified and experienced specialists such as Java Senior Developers and Architects, C/C++ Developers, Product Owners, System Analysts, DevOps and SRE specialists are eager for new challenges.**

## 4 Products

Are you looking for powerful, reliable, and scalable ESB (Enterprise Service Bus) and DMS (Document Management System) products? Look no further than our company!

Both HydraEAM and HydraDMS are designed to be easy to use, scalable, and customizable to meet your organization's unique needs. Whether you're a small business looking to streamline your processes or a large enterprise with complex integration and document management requirements, our products can help you achieve your goals.

### IntOps HydraEAM

HydraEAM is an open solution implementing internal microservice architecture of Enterprise Service Bus and API Management. Thus can be easily used to integrate any IT system using the most suitable protocol for any given use (SOAP, REST, JMS, HTTP, database or file based integration, FTP/SFTP, SMTP).

Our HydraEAM solution provides a flexible and robust platform for integrating disparate applications and systems across your organization. Whether you need to connect legacy systems with modern cloud-based applications, or integrate data from multiple sources into a single application, HydraEAM can help. With features like message routing, data transformation, and protocol translation, HydraEAM makes it easy to connect and manage your enterprise applications and services.

HydraEAM meets all security requirements. As security aspects are key requirements, our solution comes with encryption, authentication and authorization features already built in. HydraEAM can also manage internal and external APIs.

Scalability is also an important feature. Each system component is scalable resulting in both performance gains and failure resistance. With HydraEAM's advanced auditing and reporting features, integration flows are traceable and any unwanted events can easily be detected.

## IntOps HydraDMS

HydraDMS is a modern Document Management Software system with an open architecture developed using the latest technologies and solutions. Our product has a simple API that can easily integrate with any IT system environment. All its components have almost unlimited scalability allowing it to handle billions of documents. We have paid special attention to the user experience (UX), making HydraDMS simple and intuitive to use, and easy to configure.

HydraDMS provides a comprehensive solution for managing your organization's documents and content. From version control and access control to document workflows and records management, our DMS product offers a wide range of features to help you organize and manage your documents more effectively. With built-in security, audit features and support for compliance standards like HIPAA and GDPR, you can trust that your organization's sensitive information is safe and secure.

**Contact us today to learn more about our HydraEAM and HydraDMS products and how they can benefit your organization!**