



Solutions That **Move** **Your Business**

Microsoft Division



Seavus As An Outsourcing Partner

What drives our success In outsourcing projects:

- Relationship management
- Clear mutual goals
- Operational processes
- Clear responsibility
- Proactivity
- Passion for excellence

Applied business models:

- Staffing and resourcing
- Dedicated team
- Project based – fixed price project
- Project based – time & material
- Complete outsourcing
- Managed service

Development services:

- Small-medium-large applications
- Support already built applications
- Full enterprise environment
- Various integration services
- Data analytics



Our Solutions And Services



Industries/sectors

- Pricing
- Audit and licencing
- Healthcare solutions
- Internet of things
- Governmental/public sector
- Hybrid mobile development
- Betting & gaming
- Ecommerce

Seavus solutions

- Custom software development
- Business intelligence
- Business process management
- Customer experience management
- Customer relationship management
- Process management
- Marketing
- Search engine optimization
- System integration
- Data transformation

Development Methodologies

- Agile
- Adaptive
- Waterfall
- Scrum
- Kanban



SW Development Process

Business analysis

- Functional scope definition
- Non-functional requirements definition
- High level (conceptual) domain model design

Solution architecture design

- Detailed domain model design
- Components and modules identification
- In-house and 3rd party systems integration
- Technologies selection
- Experience in various architectural styles

UI/UX expertise

- Corporate identity/brand
- User interface design prototype
- Usability analysis and recommendation

Development

- Defined development structure promoting quality
- Optimized processes favoring productivity
- High quality personnel

Code review

- Various code review practices expertise
- Peer review
- Team review

Dev and end2end testing

- Unit and integration testing
- Automated UI testing

Quality assurance

- Functional testing
- Automated tests
- Performance testing
- Security testing

Deployment

- Release notes
- Implementation specification
- Documentation and manuals
- After deployment analyze

Support and maintenance

- 1st, 2nd and 3rd line of support

Automated build (CI)

- Azure devops
- On-premises integration (jenkins, bamboo)
- Code analysis tools integration



Handpick The Right Experts For Your Better Results

🕒 Project manager

Conducting project management activities required for successful ongoing development and its completion, according to the applied software development methodologies.

🕒 Business analyst

Working with project sponsors in order to understand and document business requirements across all affected business areas.

🕒 Solution architect

Developing and/or improving application technical design and application architecture, reducing implementation risks by providing guidance to the implementation/development team and providing solutions to critical architectural and design conflicts.

🕒 Quality assurance engineers

Participating in the software development process from its beginning. Ensuring high-quality standards are met and working on defect prevention and defect detection as early as possible.

🕒 Support resources

Working on the resolving of the technical issues and bug fixing.

🕒 Technical lead

In order to assure quality in processes and productivity in development, technical lead structure is in place for close monitoring, guiding and mentoring of development team.

🕒 Developers

Participating in software development according to the international software development standards, resolving technical issues and preparing the required technical documentation.

🕒 DB developers/administrators

Designing, developing and implementing dbs, along with their optimizing and maintaining.

🕒 User interface (UI/UX) designers

Defining user interface, producing and implementing the confirmed mockups and ensuring high user experience for the application.



Seavus As An Outsourcing Partner

Key achieved benefits

- TCO reduction 30-70%
- Improved development and QA cycle
- Systems transformation
- Guaranteed team members quality
- SLA, KPI, success-based models
- Location and proximity
- EU culture
- 100% english speaking and writing
- Expandability/scalability
- Fast project ramp-up
- High quality standards of working conditions
- Highly educated, responsible and productive resources
- Sedc



Competency



Custom Development - Microsoft

Our development teams possess great knowledge in the following technologies:

- Asp.Net\ .NET core MVC
- Asp.Net\ .NET core WEB API
- ADO.NET
- Entity framework + core
- Hibernate (ORM)
- Xamarin, MAUI as cross platform solution
- Windows communication foundation (SOAP, REST) windows services
- Ms sql
- MS analysis services
- Ssis
- Ssrs
- Azure cosmos DB
- Azure data lake
- Azure synapse analytics
- Azure app services
- Azure functions
- Azure hub
- Azure cognitive services
- Azure logic app/event grid

Alternatives and Other technologies:

- Messaging tools (rabbitmq, MSMQ, kafka)
- Frontend development (angular, reactjs, aurelia)
- Nosql variants
- Elasticsearch
- Caching tools (memcache, redis)
- Docker containers
- Kubernetes



Enterprise Application Integration And SOA

Integrate the systems and application across your enterprise. Link your CRM with your business intelligence applications and your HR system and deploy workflows that span across all of them. We offer both commercial, custom and open source platforms.

Custom EAI tools

- Created several EAI application to solve client's specific needs and requests. Implementation of worldwide practices for EAI application easy integration to messaging frameworks (rabbitmq, MSMQ)

Service bus implementations

- Masstransit: offers serialization, routing, in memory transit, connects with rabbitmq and azure web services, scheduling with quartz
- Microsoft service bus: offers reliable messaging, possibility for cloud usage
- Azure service bus, azure hosted bus used for reliability as maas

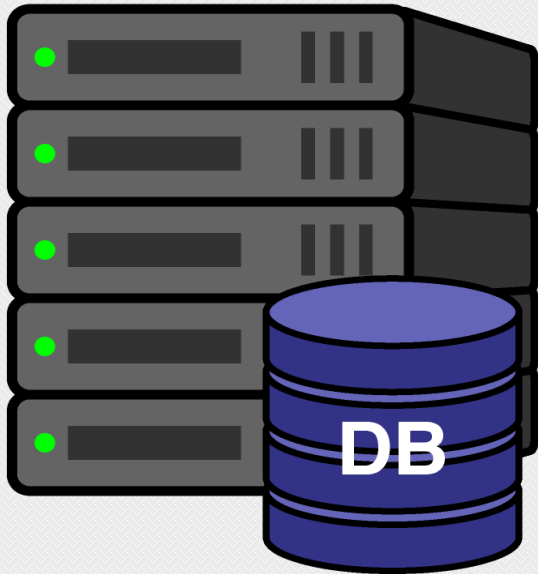
Ssis

- Microsoft SSIS packages are used in many projects where integration of data from\to various systems with ETL is required



Databases

Various relational and non-relational databases and related services based on project needs:



01

Relational databases

02

Non-relational databases

03

Data integration

04

Cloud data services



Analytics & Data Science

Inspecting, processing and transforming data in order relevant data to be visualized
Process large amount of data that can't be processed using traditional tools in reasonable time.

Business intelligence

- Delivering business intelligence with SSAS
- Implementation of data marts, data warehouse
- Implementation of OLAP cubes for structuring data in most suitable way for reporting
- Fast and reliable reporting

Predictive analytics

- Data mining, turn raw information into valuable competitive information
- Implementation of machine learning algorithms
- Prediction of sales, competitive prices, plan stock production

Visual analytics

- Visualizations with power bi
- Self service BI
- Enterprise data analytics
- Visual-based data discovery
- Interactive dashboards
- Augmented analytics
- Focus on productivity
- On-premises and azure-based deployments



Microservices-Based Architecture



01

Strong module boundaries

- ✓ Microservices reinforce modular structure, which is particularly important for larger teams.

02

Independent deployment

- ✓ Simple services are easier to deploy, and since they are autonomous, are less likely to cause system failures when they go wrong.

03

Technology diversity

- ✓ With microservices you can mix multiple languages, development frameworks and data-storage technologies.



CQRS-Based Implementations

CQRS (command and query responsibility segregation) implementations lets your implementation to be easily scalable tailored for your needs. If the environment is heaving necessity for segregation of read data from update operations, one way forward can be CQRS implementation in order to satisfy the needs and build scalable and maintainable applications.

01

Segregations

- ✓ Distinct modules for read and write operations.

02

Independent scalability

- ✓ Easily scale read or write module in order to bring focus on the need.

03

Eventual consistency

- ✓ Have fast read\write with compromise of eventual consistency between read and write data.

04

Event sourcing

- ✓ Implement event sourcing pattern for easy test, replay and track changes into your application.



Cloud Computing

Pay for what you use rather than investing in expensive hardware that will be underutilized for most of the time. Our experts are comfortable with cloud solutions for data storage and dynamic, virtual processing clusters.

01

Azure

- ✓ Providing PAAS and SAAS solutions
- ✓ Highly scalable and highly flexible solution
- ✓ Native with Microsoft technologies
- ✓ High security implementation availability
- ✓ Enterprise ready/friendly solution



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Thank You!

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