QR SOLVE

Software development services

Agile approach

Business value oriented

Business value increments in each sprint

Following changing market demands

Backlog adjustments according changing market expectations and new opportunieties

No upfront commitment

Only scope included into sprint backlog

Proof of Concepts

The highest level of Agile maturity. Verification of new challenges. Smart effort, quick results

SCRUM & AgilePM

Agile methodologies for development process and project management

Our staff

Ninja team for demanding & difficult challenges

Experience

- 10-15 years of experience in many domains & industries.
- Software in SaaS, BaaS, PaaS & other models
- Estimations, Risks identification

Knowledge

- Experts level
- Know-how
- Certifications
- Cross-domain
- Self-sufficiency

Graduation

- Masters of engineering
- Masters of science
- Doctors of engineering

Flexibility

- Scalability
- Self-organising

Software development process

Analysis

- Business analysis
- Backlog refinement
- User stories

Designing

- Architecture
- Infrastructure
- UX

Development

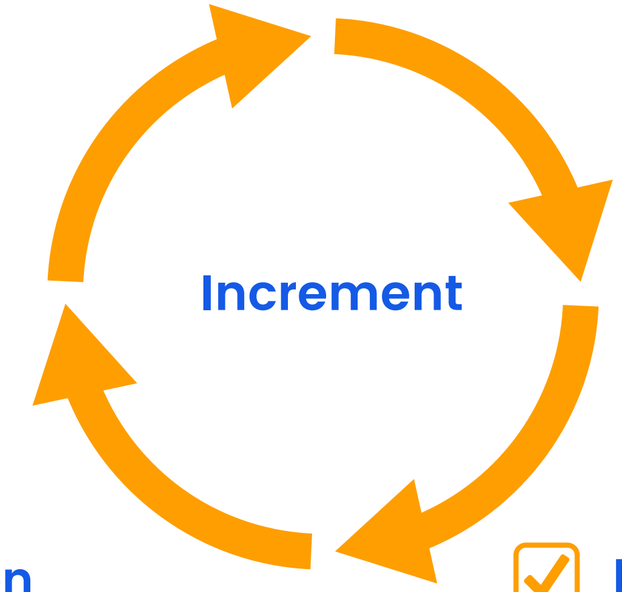
- Backlog items
- PoC
- MVP
- Rleases

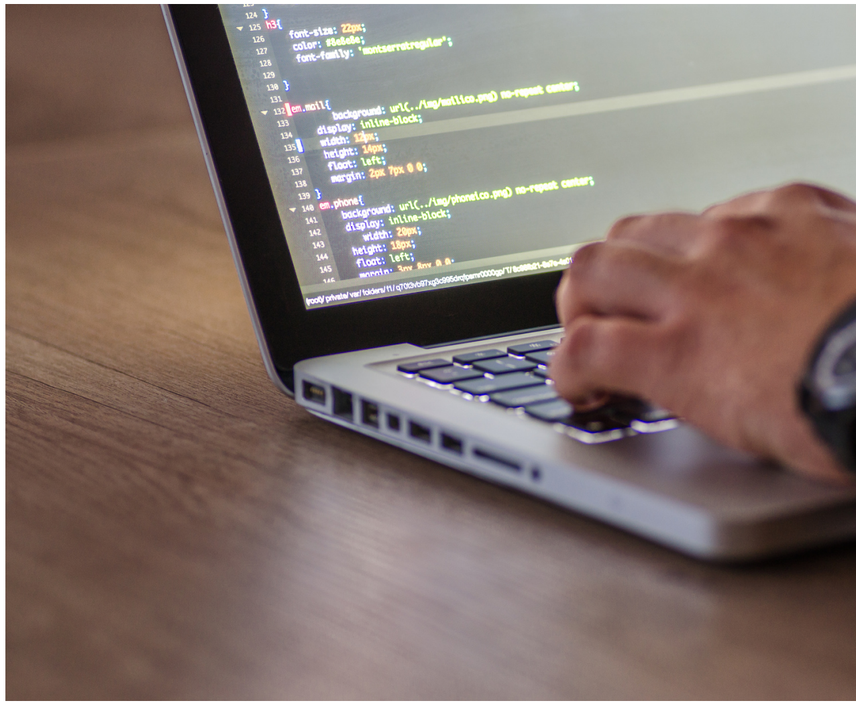
Implementation

- Deployment & technical configuration
- Business configuration (users, settings)

Maintenance

- Monitoring
- Audits
- Review





Competences

Software architects

- Preparing architecture vision
- Designing solution architecture (components)
- Designing solution infrastructure
- Designing security
- Designing data structure
- Designing communication interfaces between components and other systems
- Cerified by TOGAF

Cloud Engineers

- Preparing migration plans to the cloud
- Preparing migration existing software components to the cloud services
- Porting solutions to many Cloud Providers, i.e. AWS, Azure, GCP, OVH
- Preparing monitoring in the Cloud
- Configuring Cloud Account, Services, etc.
- Certified by AWS

Competences

UX / UI Designer

- Designing UI mockups
- Designing User Experience
- Designing style guide
- Conducting A/B tests
- Web-trackers monitoring (Google Analytics, Matomo, etc.)
- Improving functionalities based on gathered data

Frontend developer

- Implementing frontend (UI)
- RWD approach
- Mobile first approach
- Integration with backend API
- Implementing security mechanisms (oAuth2, JWT)
- Compliance with OWASP
- Technologies: Angular, Vue, React

Competences

Backend developer

- Implementing backend within API
- Implementing Security mechanisms
- Implementing RBAC mechanisms (HATEOAS lvl. 3)
- Implementing communication between components, and compliance with standards
- Implementing unit and integration tests
- Technologies: Java, Node.js, Spring Boot, Docker,

DevOps

- Preparing full automation of software building process and deployment
- CI/CD Pipelines
- Gitlab based automation
- Integration with static code analyse tools (Sonar Qube) and configuration (Quality Gates)
- Integration with external tools for processing autmated tests
- Terraform - automated infrastrucure creation

Competences

QA (Quality Assurance)

- Preparing test scenarios
- Implementing automated set of tests
- Quality gates verification
- Technologies: karma, test containers, cypress

Product and Project management

- Backlog management (PSPO)
- Project management (AgilePM, Prince2, PMI)
- Team management (PSM)

Cooperation models

Possible cooperation models

Estimated effort

- Price calculation based on backlog items work effort estimations
- Dividing scope into small elements
- Estimated dates of delivery

Sprint

- Constant price per sprint
- Constant team capacity
- Scope of work for sprint agreed before start

Time and Material

- Paid for done work
- No flexibility in resources management

Fix price

- Big operational risk especially in big projects
- No space for flexible adjusting backlog
- Many formalities

Backlog management

Backlog Item	Estimation	Phase	
User story 1	XL	Proof of Concept	• 2-4 weeks • Reduces project risks
User story 2 User story 3 User story 4	L M XL	Minimum Viable Product (MVP)	• 3-6 months • First production version • Business assumptions validation in the market • Contains next PoCs
User story 5 User story 6 User story 7	M L M	Release 2	• 3 months • Releasing new features • Contains next PoCs
User story 8 User story 9	XL L	Release 3	• 3 months • Releasing new features • Contains next PoCs

Benefits & advantages

The highest quality

Provided with the quality gates & automated tests

The best security

Compliance with standards and regulations. Assured by certified staff

State-of-the-art solutions

Focus on stable technologies, tools, platforms and services recommended by Technology Radar

Full automation

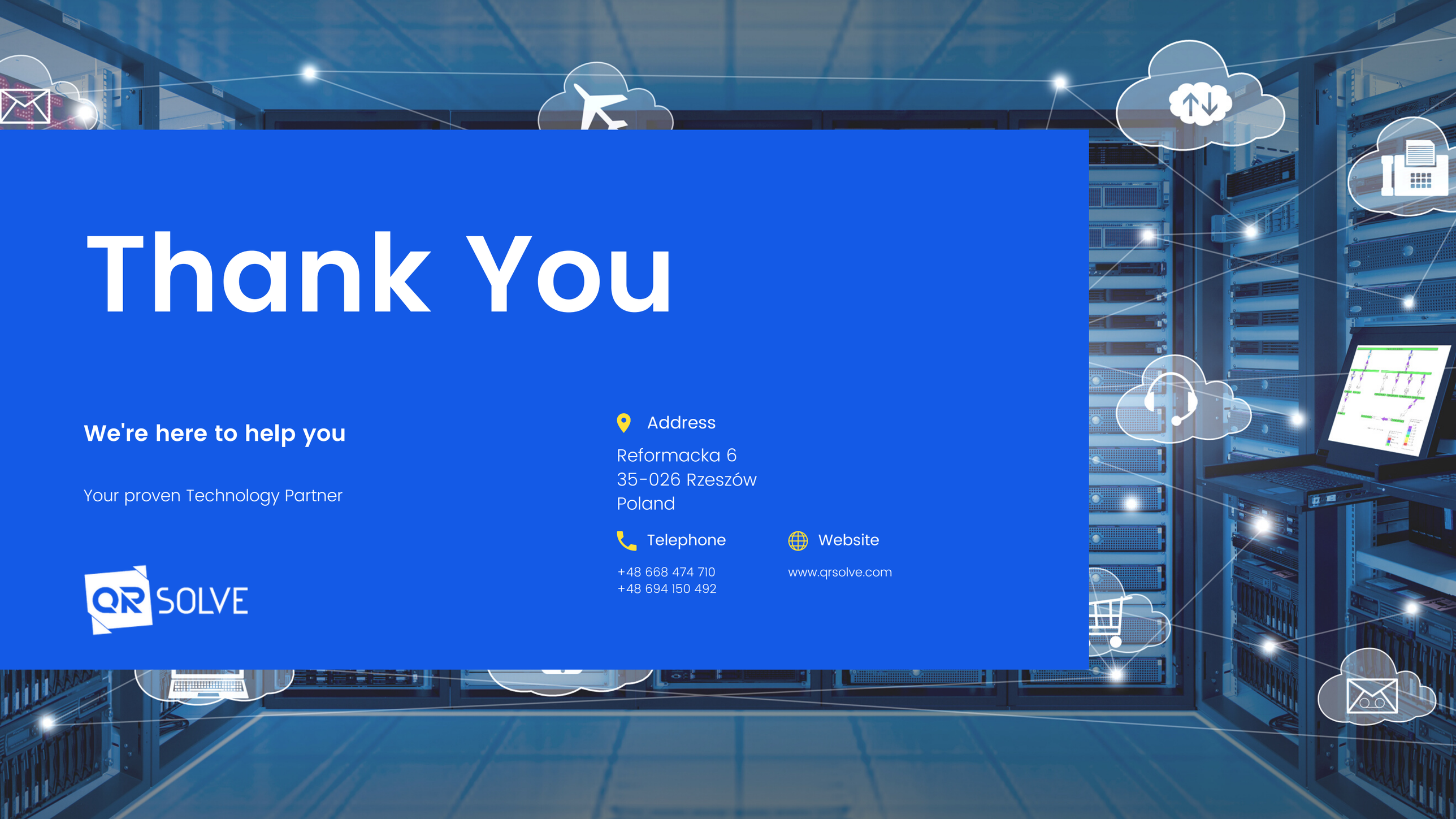
Infrastructure, deployment & tests. Go to production in less than 1 hour

Experienced team

10+ years of experience in Banking, IoT, Cloud ond other industries

Support in all phases of the project

Sharing experience, best practices and know-how



Thank You

We're here to help you

Your proven Technology Partner

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