



# Our Workflow

## CONTINUOUS DELIVERY

### From monoliths to cloud-based microservices

With switching to cloud-based microservices, the DevOps approach can easily solve many "old" problems such as scalability, traceability, transparency or efficiency. By automating the entire chain from the build to the productive operation of the infrastructure, not only the susceptibility to errors but also the costs are reduced. With efficient development considering the entire automation chain, rapid technical implementation is ensured.

#### Challenge:

- ⊖ Small changes cause a lot of effort
- ⊖ High employment of staff and long development cycles
- ⊖ Numerous IT resources required
- ⊖ High maintenance effort
- ⊖ No cross-team development possible
- ⊖ No comprehensive test of the applications possible

#### Solution:

Microservices encapsulate functionalities and give them the ability to be developed and operated independently, considering the entire automation chain. This approach conducts:

- ✓ scalability and fail-safety
- ✓ better agility
- ✓ continuous delivery
- ✓ higher availability of the entire application

exemplarily implemented at



### Get to know each other

- (free of charge)
- Rough definition of goals and framework conditions

### Requirements analysis and inventory

- Joint workshop to define goals
- Single point of contact
- Milestones
- Defining the framework conditions
- Distribution of tasks
- Analysis, documentation, sighting
- Concept development
- Presentation of the results in the form of a workshop
- Making architectural decisions
- Further roadmap for the implementation

### Implementation of the project

- Requirements engineering
- CI / CD
- Development technology evaluation
- Software development
- Testing
- Acceptance and go live

### Operation & support

- Managed Workplace
- Service level agreements
- Support
- Service desk
- ITIL
- Monitoring and alerting
- Backup / disaster recovery
- Security and access
- Takeover of software maintenance