





## Weiterentwicklung des Risikous-Systems auf der Basis einer Service-orientierten Architektur

### MASTERARBEIT

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The goal of this thesis is the development of the Risikous legacy system on the basis of a service-oriented architecture. The starting position is the analysis of the former systems to show the existing deficits. Constructing on these weak points the solution possibilities (especially modularisation) are presented.

Afterwards the component based and service-oriented architectures are evaluated. The next step is the selection of a suitable technology for implementation and the verification of it in a proof of concept.

As the result of this thesis are pointed out the successful use of the service-oriented architecture and the modularisation of the application to eliminate the problems.

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