









## 4. Conclusion

In the automotive industry manufacturers and their suppliers are permanently faced with the reduction of faults in mechatronic systems, especially related to functional safety aspects. The complex interaction of systems and subcomponents represents an additional challenge. Focusing automotive software, enhanced development is supported by new comprehensive analysis and evaluation methods. To prevent faults in early development phases of automotive systems, a combination of stochastic considerations, an evaluation using metrics and a permanent target-performance comparison have to be implemented to consider different views and questions. A combination of indicators, metrics and stochastic methods deliver a risk analysis for software release process.

## 5. References

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