

# Case Study

## How to get company back among the VW suppliers

### Overconfidence

A company with 20+ years of experience with dozens of products used by companies including VW Group believed that its quality system would also meet the requirements for ASPICE + ISO 26262

... it was never a problem



### Where did the problem arise?

They believed that ISO 26262 audits would be like many others - Formal, Superficial

Project Management	████████████████████
Quality Assurance	████████████████
Configuration Management	██████████████
System Development	████████████████████
Software Development	████████████████████
Implementation	████████████████████
Software Test	████████████████████
System Test	████████████████████
CS Risk Management	N/A
CS Operations	N/A

### Sobering

Conclusions of the VW Group audit:

- No areas of compliance
- 2 areas not assessed

### Fundamental differences

Compared to the practice of most audits

- Fundamental differences
- Compared to the practice of most audits
- Automakers really care about compliance with ISO 26262, ASPICE, etc.
- Standards cannot be met formally - documentation on disk is not enough
- There must be evidence of compliance
- Require workflow management



### Consequence

Drop to Class C ≡  
Ineligible for new contracts

### Resolution

Step 0: Admit that things have to be done properly

- 1) Train the team
- 2) Understand the problem
- 3) Redesign the project management system
- 4) Systematically support processes that
- 5) ISO 26262, ASPICE, VDA 6.3, Formel Q require
- 6) Run the project according to the new methodology
- 7) Internal assessment
- 8) Independent assessment
- 9) Request reassessment of status from VW  
(based on assessment)



### Mission

accomplished

The company has returned to being a trusted supplier  
VW Group started a new project with the company

### Long-term changes

New projects consistently implemented with automated process control  
Staff guided to follow project processes  
Internal controls included in steps  
Consistent adherence to guidelines ⇒ project is ready for audit at all times



### Solutions used

AyMINE – workflow for quality management modules:

- Definition of project management methodology
- Workflow model for projects

AyMINE – Project management module

- Project management
- Evidence collection
- Configuration management

AyMINE – Module Analysis

- Requirements management

Enterprise Architect

- System model in SysML
- AyMINE integration – requirement synchronisation



Your AyMINE Supplier



PDQM, s. r. o.  
Prague, Czech Republic



+420 605 203 938



i\_pdqm@pdqm.cz



www.pdqm.eu

www.ISO26262.cz

