

Certified Quality of Development Processes

Vector develops ECU software at CMMI Level 2

Stuttgart, 08/29/2006 – The development of software components for the “Software and Integration Factory” product line of Vector is being performed at the CMMI Level 2 process maturity level. This was confirmed as part of a SCAMPI Class A Appraisal in March 2006.

The Software and Integration Factory offers development and consulting services in the areas of vehicle networking and ECU-specific software. There are standard software components for FlexRay communication as well. CMMI (Capability Maturity Model Integration) can be applied to objectively evaluate the performance of development processes. This means that the customer is assured that purchased engineering services and software components are of a qualitatively high value.

CMMI Level 2 stands for the process maturity level “Managed”. This means that management processes are systematically applied to planning, control and monitoring of individual projects. Specifically there are seven process areas:

- Requirements Management
- Project Planning
- Project Monitoring and Control
- Supplier Agreement Management
- Measurement and Analysis
- Process and Product Quality Assurance
- Configuration Management

5 Optimizing	Focus on continuous process improvement	Process Areas: Requirements Management Project Planning Project Monitoring and Control Supplier Agreement Management Measurement and Analysis Process and Product Quality Assurance Configuration Management
4 Quantitatively Managed	Process measured and controlled	
3 Defined	Process characterized for the organization and is proactive	
2 Managed	Process characterized for projects and is often reactive	
1 Initial	Process unpredictable, poorly controlled, and reactive	

A "SCAMPI Class A Appraisal" serves to measure the fulfillment of CMMI model requirements and perform an assessment of them respectively. Thereby the precision, correctness and traceability of results are ensured. A "Class A Appraisal" refers to a full assessment in accordance with the Appraisal Requirements for CMMI (ARC).

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[Figure: CMMI Maturity Levels]

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About Vector Informatik GmbH (Revised: 08/01/2006)

Vector is the leading manufacturer of software tools and software components for networking of electronic systems based on CAN, LIN, MOST, FlexRay as well as multiple CAN based protocols.

Our know-how is applied to both our products and our comprehensive consultation services in systems and software engineering. Workshops and seminars round out our multifaceted training program.

Globally, customers in the automotive, commercial vehicle, transportation and control engineering industries rely on solutions and products offered by the autonomous and independently-owned Vector Group.

Founded in 1988, Vector Informatik currently has – together with Vector Consulting GmbH – 640 employees and annual sales of 89 million euros (2005).

Besides its corporate headquarters in Stuttgart, Vector is also represented by subsidiaries in the USA, Japan, France and Sweden.