

Reference report

Contact person

Matthias Fischer

+49 371 2371-196 +49 371 2371-150

Email: matthias.fischer@sigma-chemnitz.de

Internet: www.sigma-chemnitz.de/en

About SIGMA

As a reputable system house in Saxony SIGMA Chemnitz GmbH operates as system integrator and partner of well-known Providers in the IT sector. Our over 80 employees at the Chemnitz and Dresden sites form a competent team at the location Chemnitz. With expertise, competence and almost 30 years of experience we offer our customers reliable and powerful solutions.

About our Embedded Team

The Embedded Team of SIGMA Chemnitz works hardware, platform and processor independent and can refer to a large number of references around Windows Embedded, Embedded Linux and Android.

Our customers appreciate us as competent, innovative, and highly skilled partner, who will support you from the first problem analysis committed to the goal accompanied. Many years of project experience of our employees form the foundation for effective solutions on the latest state of the art technology.

Especially in the field of Windows Embedded we number amongst the last, who still provide development services for this purpose. For the assurance of quality-oriented services of our company work, we strictly follow a quality management system. Since 1996 we have been continuously certified according to DIN ISO 9001:2015.

Technical Facts

Operation system:

• /

Processor:

• ATMEGA2561

About our embedded service

Embedded-Betriebssystem:

• Code optimization and stability improvement

Revision of software for DD-0050 ATEX measurement electronics



 www.velomat.de

About the VELOMAT Group GmbH:

After the merger of the companies VELOMAT Messelektronik GmbH, DEZIDATA TVE GmbH and FORTech Software GmbH, the VELOMAT Group GmbH was founded in 2020.

Due to the versatility of the three companies the product and service ranges could be extended, customer requirements could be fulfilled more individually and new markets could be developed. Our customers and partners now enjoy an all-round service from a single source.

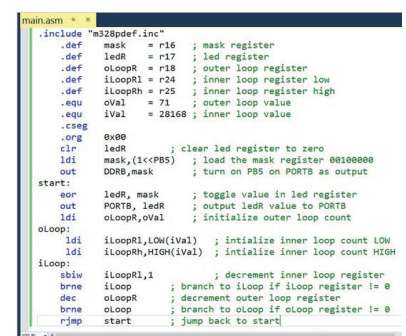
VELOMAT Group GmbH



The project:

The software and interfaces of the DD-0050, an ATEX measuring electronic for the mineral oil logistics, were revised within the scope of this project. The aim was, among other things, to improve the performance, the reaction time of the system by prioritizing the measurement of inputs and optimizing the processes in the software and the structuring of the code as a basis for the further development of the module and the system.

This was achieved by modularization and layering of the software, prioritization of the requests and development of a test software.



This is what our customer says...

„The realization of the software was implemented by the developers of the company SIGMA Chemnitz GmbH on time and competently. We will SIGMA gladly again for future projects.“

Dr. Uwe Schleichert, Managing Director of VELOMAT Messelektronik GmbH