

# Reference report

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## 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:

- Linux Longterm Kernel

### Processor:

- TI AM335x & AM437x, Xilinx Z7000

## About our embedded service

### Embedded operation system:

- customization of the operating system Linux

## Linux customization for high-quality measuring devices and data loggers



[www.sigma-chemnitz.de/en](http://www.sigma-chemnitz.de/en)

## About SIGMA Chemnitz GmbH

SIGMA Gesellschaft für Systementwicklung u. Datenverarb. mbH is an IT service provider operating on the market since 1990, which can comprehensively cover all areas of the operational software, hardware and automation landscape.

All of the approximately 80 employees are highly qualified, motivated and can refer to appropriate references.

The company consists of several business units, including AutoID / RFID solutions; embedded solutions; IT security and infrastructures; SAP midmarket solutions; and the consulting, software and development division.

## About the project

For a large German company that supplies high-quality measurement technology and data loggers as standard solutions or as customized solutions for a wide range of industries, manufactures and distributes, the SIGMA Chemnitz team took over the conversion of the Linux operating system to an up-to-date kernel and standardizing the kernel sources of various devices.

In addition, optimizations, driver developments and extensions were carried out.



## The result...

*The work was realized competently and to the satisfaction of the customer. The cooperation was very pleasant for both sides.*