

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

Processor:

- ARM NXP i.MX6

About our embedded service

Embedded operation system:

- Customisation of the BSP with extensive Linux drivers

Linux BSP for CALIPRI Prime, NEXTSENSE GmbH, Graz, Austria



AUTOMOBIL



BAHN



STAHL



www.nextsense-worldwide.com

About the company NEXTSENSE GmbH, Graz, Austria

Nextsense develops and manufactures suitable non-contact measuring devices for a wide range of tasks and industries, all based on the same technology.

The globally unique CALIPRI principle is a further development of laser light cutting technology for non-contact dimension and profile measurement. An innovative technique corrects tilting and twisting of the measuring device. The result: Highly accurate, reproducible and user-independent measurement results - hand-guided and in a matter of seconds. No more inaccurately applied gauges or extrapolated profile data: CALIPRI replaces error-prone and inaccurate testing equipment.

NEXTSENSE



i.MX6 BSP- and driver development

Within the framework of a Linux BSP, SIGMA Chemnitz realised adaptations for a Smart Display, NFC connection, camera and WLAN driver developments and optimisations for a profile measurement device for contactless measurement based on the NXP i.MX6 processor.

This is what our customer says...

„The collaboration with SIGMA Chemnitz GmbH has been very successful and pleasant for many years. Due to this and the high level of expertise, we have just started a new i.MX8M-based project together.“

Peter Kaufmann, Head of Hardware Development