SIGMA
EVOLVE DIGITALIZATION

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, Embed-ded 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 solu-tions 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:
• Windows Ce 6
Processor:
• ARM i.MX28

About our embedded service

Embedded-Betriebssystem:
• Adaptation of a Nina W13 module as RAS device

Replacement of discontinued hardware with a Nina W13 module

🌐 www.3s-antriebe.de

About 3S Antriebe GmbH

3S Antriebe GmbH develops and distributes electric drive systems, especially for valves in underground water, gas and district heating networks.
The innovative mobile and stationary 3S actuator solutions developed together with the market are making the operation of underground supply networks more economical, e.g. by saving water and energy and increasing the resilience of the supply.
Part of the solutions are „Internet of Things" (IoT) applications for the control of the drives, which are unique in the world.

Embedded operating system WindowsCE - hardware replacement

SIGMA Chemnitz implemented a customer-specific adaptation of the embedded Windows CE 6 operating system.
The no longer available Bluetooth hardware was replaced by a Nina WLAN module, which integrates transparently into the system as a RAS device.
Through adaptations in the driver area, configuration and handling is automatic, and from the application's point of view, the interface remains the same.
This therefore did not have to be adapted.

This is what our customer says...

„For the adaptation of the embedded operating system Windows CE6 for our products, the embedded developers of SIGMA Chemnitz GmbH have been our competent partners over many years."

Steffen Sacharowitz, CTO 3S Antriebe GmbH

Pictures: 3S Antriebe GmbH