

# 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:

- Windows Embedded Compact 7

### Processor:

- ARM9 Core

## About our embedded service

### Embedded operating system:

- creation & integration of a driver for two touch panels into an existing external system

## New Windows Embedded Compact 7 USB Touchscreen Driver



[www.tesoma.de](http://www.tesoma.de)

## About Tesoma GmbH

Tesoma GmbH was founded in 1993 and started with the development of industrial dryer systems in the textile sector, later also in the graphic and flat glass sector.

In the meantime, the company has become a developer and system supplier for the thermal treatment of industrial components.

It also offers numerous services in the fields of welding, coloring, mechanical and electrical assembly, commissioning and testing.

Furthermore, the company pays attention to quality, the origin of the components, as well as sustainability during production.

## Embedded operating system WindowsCE - Touchscreen driver creation

SIGMA Chemnitz created a driver for two different USB touch panels. These were integrated into an existing and only on the target located Windows Embedded Compact 7 system.

The PLC Beckhoff CX9020 was used as hardware.

This allows new, better and more economical displays with USB touch can be used. The existing product on the market can be offered without further change

regarding application and OS.



## This is what our customer says...

*„In order to improve the HMI on our machines, the use of large touch screens is an important criteria for our customers. However, the connection of these panels to the existing Beckhoff controllers, presented us with major problems. SIGMA was able to provide us with professional support and solved the task in a very short time, also for different panel sizes.“*

Andreas Irmscher, Director R&D of the Tesoma GmbH