

# 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 over 30 years of experience we offer our customers reliable and powerful solutions.

## About GEMAC GmbH

Since 1992, the Chemnitz-based company, with currently about 70 employees, has been developing medical technology and sensor technology and offers EMS services. The products of the electronics manufacturer are used worldwide in vehicle construction, in the aerospace industry and in medical and automation technology.

## Complete renewal of the server-architecture



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

## Backgrounds

The leasing contract for the hardware previously used by GEMAC Chemnitz GmbH expired. This was taken as an opportunity to fundamentally renew the IT environment as part of the restructuring of the company.

With SIGMA, GEMAC has chosen a high-performance partner for the reorganization of its server structure.

## The project

To ensure high availability, SIGMA installed a server landscape consisting of a storage ETERNUS DX100S4, several PRIMERGY RX2530 M4 ESX servers as well as a backup server and an ETERNUS LT20 tape library. By using SSD hard disks, the high speed required for database applications can be achieved and with VEEAM, a reliable backup can be realized. The special challenge for SIGMA in this order was to meet certain customer requirements that went beyond their portfolio. In the case of the VMWare View desktop virtualization, the expertise of a partner from the FNEXT system house network found a suitable solution.

## Conclusion

The process from the initial meeting to the commissioning of the new IT infrastructure was long, but took place completely smoothly. The heavily loaded old hardware was replaced by a powerful server architecture that works quickly and reliably.

## *This is what our customer says...*

*„We are glad to have found a reliable partner in SIGMA. Also the use of the IT system house network FNEXT offers an advantage for us as customers, since even non-SIGMA topics could be realized. A clear recommendation for future IT projects.“*

*Peter Laux, IT Manager at GEMAC Chemnitz GmbH*