Information and Communications Technology in Eastern Germany

Germany’s information and communication technologies (ICT) market is one of the largest in Europe. The heart of this crucial and growing market in Germany beats within the Eastern German federal states. As the main driver of growth, the new federal states contribute a whopping turnover of EUR 86 billion out of the total EUR 150 billion in the country’s entire IT sector. Thanks to a vibrant cluster of ICT start-ups, the region has become a powerhouse driving the digitalization of industry forward. Each Eastern German cluster brings their own special dish to the table of ICT innovation.

Berlin is among the world’s most attractive centers for new IT start-ups; there are currently 500 start-up companies based in the capital. The presence of a sophisticated research landscape, highly qualified workers, and a vibrant cultural scene provides momentum to the growing ICT sector. More on the start-up scene in Berlin here:

Listen to Startup Entrepreneur Naren Shaam talk about the start-up scene in Berlin
Mecklenburg-Vorpommern has recently established itself as an important economic factor in the region’s economy through their wide technological spectrum – ranging from applications for the maritime and health economies to Industrie 4.0 – and highly developed ICT infrastructure.

“Silicon” Saxony is home to the largest high-tech network for the microelectronics, smart system, software, and wireless communications in Europe. The cluster coordinates and promotes IT activity in the region, focusing on Energy 4.0, IT security, and software.

With 80% of the ICT companies in this state active in the software and IT service sectors, Saxony-Anhalt develops innovative software solutions for the automotive, energy, and mechanical engineering industries. The Association of IT and Multimedia Industries (VITM) is located here, providing a platform and voice for IT companies in the region as well as well as helping to secure new talent.

Thuringia is best known for their innovations in the mobile industry. With companies providing services and software solutions in the areas of online marketing, social media marketing, and e-commerce, the region has established itself worldwide as an agile cluster in this accelerating industry.

Lastly, we have the federal state of Brandenburg. The innovative German Capital region provides optimal operating conditions for international ICT companies seeking to do business in one of Europe’s most dynamic tech environments.

**Microelectronics in Eastern Germany**

Dresden boasts Europe’s largest microelectronics cluster, around which a dynamic printed and organic electronics ecosystem has sprung up. Not only does the region have a strong semiconductor industry, it also provides expertise in the fields of mobile communications, software, photovoltaics and future-oriented organic semiconductor technologies (OLEDs).
Saxony has established itself as a major international semiconductor manufacturing center. The state possesses two of Europe’s largest and most modern fabrication plants. They also provide a base for a number of internationally-leading companies who are benefiting from the region’s high-tech landscape and network of strong partners.

Today, around 2,200 companies with 58,000 employees are active along the entire microelectronics and ICT value chain. Dresden is also home to the world’s first high-volume production line for power semiconductors on 300 mm wafers. These are important building blocks for reaching Germany’s ambitious energy transition (Energiewende) and efficiency goals.

Saxony is enabling tomorrow’s technological mobility with complementary cluster activities:

- Silicon Saxony
- Cool Silicon
- Organic Electronics Saxony

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