

Shaping the future – with passion for research, technology and innovation.

Would you like to be part of our global network of experts? Then join us! We offer a high level of practical relevance as well as an opportunity to individually contribute your knowledge and visions. www.siemens.com/jobs



Andre Marek
Munich

“Using eCars as an example, my research looks at smart, fail-safe and highly available system architectures. So the procedures I develop today can be used in tomorrow’s designs.”



Shikha Pillai
Bangalore

“Whether it’s a CT scanner or a train, almost every product contains software. With my team I help ensure that our products are the best – and that’s our motivation every day.”



Alexander Tremel
Erlangen

“I research future technologies. For example, how can we build more flexible power plants that are ready for the transition to a new energy mix? I’m always happy to see my ideas become a reality.”

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Corporate Technology

Research and Development Center

Innovations are the foundation of our company and ensure its long-term success.

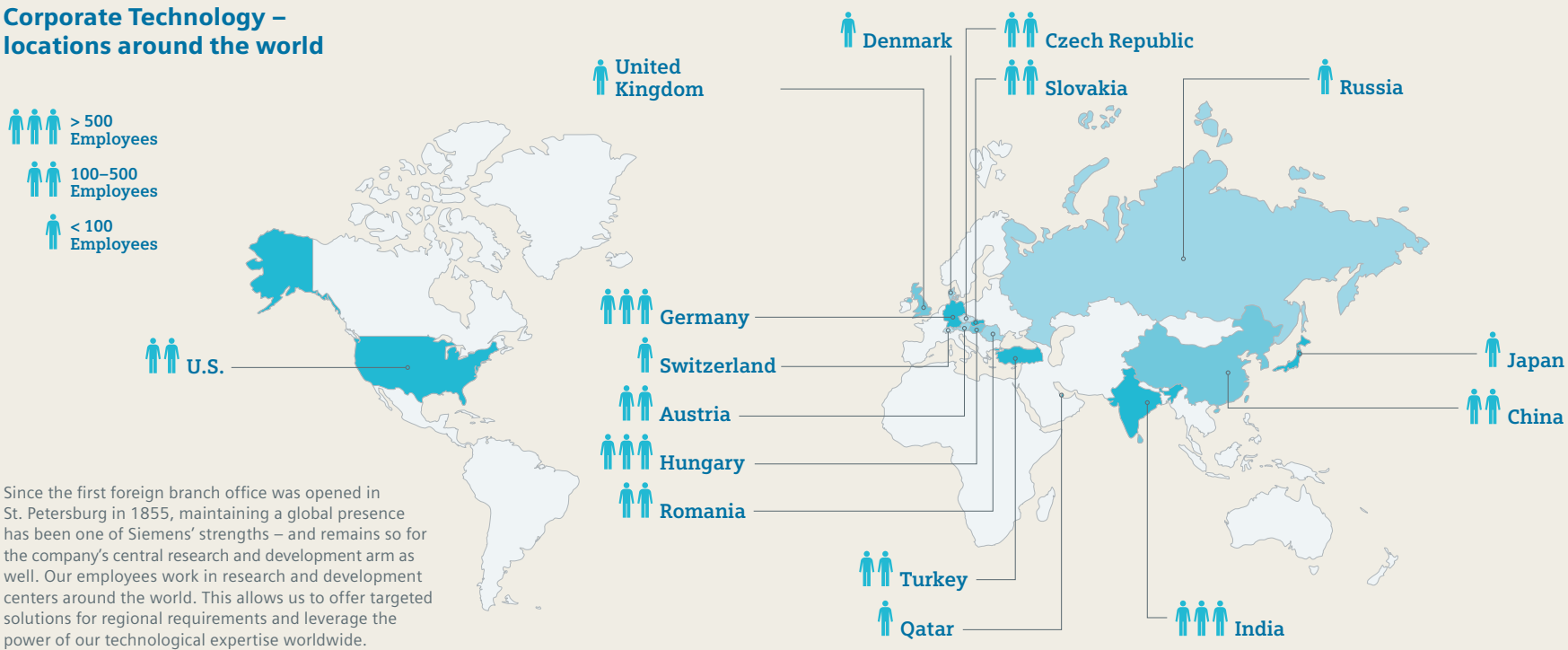
For nearly 170 years, ground-breaking technologies, and business models built upon these technologies, have been the cornerstone of our success – innovations that, by their very nature, do not simply offer new ideas but actually set new market standards for products, solutions, and services. Innovations are what allowed our company to expand from a start-up in a Berlin courtyard to a leading-edge global enterprise, and innovations are the ingredients of a successful future – for our company, for our customers, and for society.

Corporate Technology (CT), as Siemens’ central research and development arm, has a critical role to play here. Under the leadership of the Chief Technology Officer and in partnership with the operating units, CT develops Siemens’ technology and innovation strategy, creates and industrializes basic technologies, promotes business excellence through consulting and engineering services, and protects the company’s intellectual property.

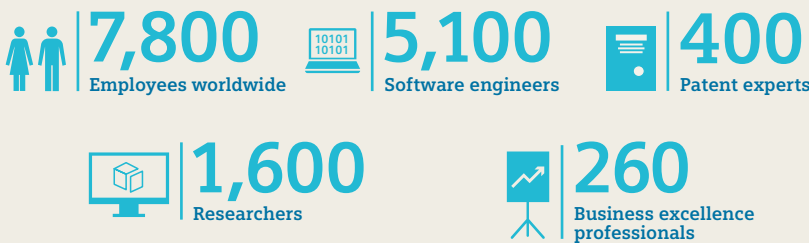
Scientists and engineers of all stripes, mathematicians, and software developers at CT work hand in hand with the business units to identify the technologies of tomorrow and leverage them in support of our businesses. Our aim is to ensure that our developments prevail in the marketplace and become true innovations.

Corporate Technology is both a creative driver of disruptive innovations and a partner to the Siemens businesses, offering them high-quality research, development, and consulting services.

Corporate Technology – locations around the world



Corporate Technology – our center of competence for technology, innovation and business¹



¹ employee figures as of May 2015

A worldwide network of researchers and partnerships.

Our research is focused on our core segments of electrification, automation, and digitalization. Some 1,600 researchers based in North America, Europe, and Asia are hard at work on technologies that will have a broad impact on Siemens businesses, helping them successfully establish their innovations on the market.

This is true for our research in electronics and material engineering, and it’s true for our work developing reliable and affordable solutions for the electrical and energy grid. We attach special importance to issues of digitalization, which is the biggest driver of growth at Siemens. The bulk of our research is based on digital technologies such as IT security and communication technologies. We also have

Partnerships – our intellectual edge

Our close collaboration with numerous universities and non-university research institutions strengthens our technology portfolio. Our partner network includes seven elite universities, known as Centers of Knowledge Interchange (CKIs), which have an excellent international reputation for research and teaching. Our collaboration with start-ups also helps us identify trends and use this information to hone our strategy, so that Siemens benefits from innovative newcomers. We take an integrated approach, investing in start-ups, entering partnerships with start-ups, and founding our own start-ups as a means of market-testing innovative approaches, for example.

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Centers of
Knowledge
Interchange

some 5,100 software engineers spread across Asia, Europe, and the United States, helping the business units combine the real and virtual worlds with innovative software products and solutions. Finally, some 260 professionals drive business excellence at Siemens, helping to enhance the speed, agility, and efficiency of our company.

In many research projects, we work closely with scholars from leading universities and research institutions. These partnerships, along with our close collaboration with start-ups, are an important part of our open innovation concept, which is designed to make the company even more innovative.