



Competence fields

Specialists for the mobile future

Nuremberg is one of Europe's leading communication technology locations. T-Mobile operates its biggest engineering subsidiary here and O2 its customer management and engineering center. One key segment is mobile-radio-supported assistance systems for elderly or disabled people. Internationality is trumps in the company spectrum: Alcatel-Lucent, Aricent, Comneon, CoreOptics, Ericsson, Huawei, Teleca Systems, Qualcomm and Wipro operate development and engineering centers here, and with its Nash Technologies 3G test network, Nuremberg is the only city with a private mobile radio network covering 25 km². Companies and researchers from all over the world use this network to test terminals and services.

Mastermind of open source development

The main European development center of Novell (SuSE Linux), the leading source of open operating system know-how, is based in Nuremberg, and many other companies supplement Nuremberg's open source expertise. The Open Source Business Foundation also operates from here: a network of companies, institutions and persons with common interests in open source development and business models. An Open Source chair has also been set up at the university and cross-company expert groups exchange views on current topics.



Embedded systems a key field

Embedded systems are responsible for the operation of almost all technical equipment. 98 % of the worldwide production of microcontrollers is used for this purpose. Their networking is the pacemaker for numerous innovations. The Embedded Systems Institute (ESI) at the University of Erlangen-Nuremberg networks the embedded systems expertise with activities in the industry. ESI initiates projects, acts as interface for graduates and companies and as incubator for spin-offs.

Highlights in brief

Innovative IT services

Nuremberg is the headquarters of DATEV – one of Germany's largest software houses, plus electronic banking trend-setters like Cortal Consors, ING DiBa or Teambank. hotel.de, the Internet-based hotel reservation service, also controls its extensive activities from here.

Automation Valley

The Nuremberg Metropolitan Region is the European-wide center of IT-based industrial automation. The headquarters of the Siemens industrial divisions, the Fraunhofer Institutes for Integrated Circuits (IIS) and Integrated Systems and Device Technology (IISB) and 200 other companies are located here.

Capital for market research

The „Gesellschaft für Konsumforschung“, GfK AG, is one of the world leaders in market research based on Internet technology. It is supplemented by many other companies in Nuremberg that specialize in market research. The concentrated know-how of the companies is supported by special degree courses and chairs at the university.

IT medicine cluster

Siemens controls its worldwide medical technology business from the Nuremberg region. World-leading specialists in IT medical technology solutions are located next door to the concern's divisional headquarters. The economic region is Germany's leading medical technology cluster. Nowhere else are so many companies and researchers occupied with IT-based solutions for the health care system.

Printed electronics opens up new mass markets

Thanks to printed electronics, plastic-based RFID chips (Radio Frequency Identification), solar cells and displays will permit electronic intelligence in mass market products and totally new applications in all industries in the future. The technology leaders in polymer electronics – LEONHARD KURZ, PolyIC and Siemens – are based in the Nuremberg Metropolitan Region. User networks developing new products and services with their help are being created around them.

Research & development

Best Brains

»Best brains« is a slogan claimed by the region, and not without reason. As far as research & development is concerned, Nuremberg is in the Champions League. This is proved by studies of technological performance and innovativeness. The foundation for this is an excellent research landscape in Nuremberg and the region.

- ▶ Friedrich Alexander University Erlangen-Nuremberg
- ▶ Georg Simon Ohm University of Applied Sciences Nuremberg
- ▶ University of Applied Sciences Ansbach
- ▶ Fraunhofer Institute for Integrated Circuits IIS
- ▶ RESEARCH FACTORY NUREMBERG
- ▶ Fraunhofer Institute for Integrated Systems and Device Technology (IISB)
- ▶ European Application Center for Polymeric Optical Fibers (POFAC)
- ▶ Max Planck Institute for the Science of Light

Nuremberg: Vived location - livable city !





IT location Nuremberg – at a glance

Key data

- ▶ 500,000 inhabitants in the City of Nuremberg
- ▶ 3.5 m inhabitants in the Metropolitan Region of Nuremberg
- ▶ 110,000 employees in the IT&C industry

Key technologies

- ▶ Broadband communication systems, especially access systems, mobile radio and optical transmission
- ▶ Software solutions for companies, especially in medical and automation technology
- ▶ Open Source solutions

Where are Bill Gates' strongest competitors to be found?

Where were 3rd-generation mobile radio solutions first used commercially?

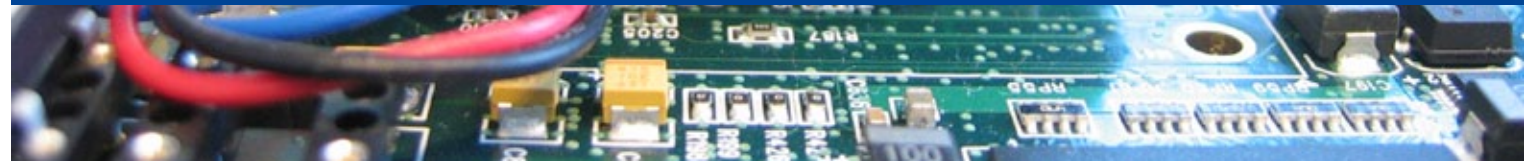
In which region was the MP3 international Internet standard invented that turned the whole music industry upside down?

Three questions – one answer: IN NUREMBERG!



Dr. Roland Fleck, Deputy Mayor for Economic Affairs, City of Nuremberg

"Nuremberg is one of the Top Ten European IT locations. The sources of growth are communication technology, embedded systems, software solutions focused on open source, energy, automation, transport and medicine. More than 110,000 people are employed in the IT&C industry in the Metropolitan Region. The city therefore sees itself as the industry's partner and consistently works on improving expertise and the development opportunities for companies."



Your contacts at the IT location Nuremberg

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IT location profile