



# ICT.

## Thuringia's Information and Communications Technology: From Goethe to Go-Live



With its smart minds, creative thinkers and technical knowledge, Thuringia's IT scene is highly innovative and extremely capable – from small start-ups to publicly traded corporations.

### Thuringia's ICT industry at a glance

- › Over 1,000 companies
- › Around 21,000 employees
- › 15 research institutes
- › 2 application centers, 7 business incubators
- › 10 universities
- › Excellent pool of skilled workers with engineering and scientific training
- › Numerous market and technology leaders

#### Come to Thuringia, an ICT powerhouse!

We provide full-service support for any investment project – from site searches to implementation to future expansions. Contact us today!

@ <https://www.invest-in-thuringia.de/en>



## Thuringia: where success is made.



Christian Grötsch, dotSource GmbH

*“In Thuringia, we have the business, research and science network that we need to succeed.”*

#### dotSource GmbH

The Jena-based agency helps companies design digital customer relationships. Focusing on e-commerce, digital platforms and CRM, dotSource develops and implements scalable digital products for its customers.

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

#### KIDS Interactive GmbH

KIDS Interactive digitalizes knowledge. The Erfurt company's projects range from edutainment and e-learning projects for classrooms to sophisticated learning applications for organizations and companies. KIDS Interactive's augmented reality apps make school books come alive all over the world.

[www.kids-interactive.de](http://www.kids-interactive.de)

#### Funkwerk AG

Cutting-edge system solutions for traffic and control communications are developed at the Kölleda headquarters. Communication systems from Kölleda control transportation hubs, ports, canals, airports and entire segments of railroad tracks all across Europe.

[www.funkwerk.com](http://www.funkwerk.com)

#### zollsoft GmbH

zollsoft GmbH is an innovative, creative and young family business and the manufacturer of tomedo®, a fast, stable and innovative software for medical practices, programmed exclusively for Apple devices.

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

#### retarus GmbH

As a leader in information logistics, retarus drives communication for major corporations worldwide. The IT service provider is called in wherever large volumes of data have to be transferred securely and reliably, across all communications channels. It is powered by a global delivery network with data centers in Europe, the US and Asia. All global customer support has been provided from Erfurt since 2018.

[www.retarus.com](http://www.retarus.com)

#### NT.AG

Erfurt-based NT.AG has been successfully serving its clients' information and knowledge management needs for over 20 years. Its portfolio ranges from analyzing business processes and costs to implementing necessary changes in the complementary business segments of software development, managed IT and hosting services.

[www.nt.ag](http://www.nt.ag)

#### Further selected companies

**ADICOM Software KG, Weimar**  
**Bechtle GmbH, Weimar**  
**Betterspace GmbH, Ilmenau**  
**bluechip Computer AG, Meuselwitz**  
**Capgemini Deutschland GmbH, Erfurt**  
**CGI Deutschland B.V. & Co. KG, Erfurt**  
**Computacenter AG & Co. oHG, Erfurt**  
**Cuculus GmbH, Ilmenau**  
**DAKO GmbH, Jena**  
**diva-e Next GmbH, Jena**  
**EasternGraphics GmbH, Ilmenau**  
**ePages GmbH, Jena**  
**ESET Deutschland GmbH, Jena**  
**Fujitsu Technology Solutions GmbH, Sömmerda**  
**IBYKUS AG, Erfurt & Jena**  
**Intershop Communications AG, Jena**  
**NTT DATA Deutschland GmbH, Erfurt**  
**on-geo GmbH, Erfurt**  
**plazz AG, Erfurt**  
**PDV GmbH, Erfurt**  
**WEBHELP Holding Germany GmbH, Erfurt**



#### LEG-Service

Our consultations are free of charge. Schedule an appointment with our expert investor team.

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ICT specialties

- Hardware und systems
- Production of telecommunications equipment
  - Media technology
  - Production, assembly and repair of personal computers and end-user devices
  - Telematics components and systems
- Software
- E-commerce
  - Web technologies
  - Business software
  - Security software
  - Smart assistance systems
- ICT services
- Cloud and hosting services
  - User helpline services
  - Telecommunications
  - Business process outsourcing
  - Smart services



**i Erfurt – Germany’s high-speed hub**  
Erfurt has been the logistical center of the German rail-road system since 2017. That makes it the perfect meeting point between cities such as Munich, Berlin, Dresden and Frankfurt – all a two hours’ ride away on average.

Thuringia’s ICT workers are highly motivated, well-trained and eminently adaptable.

Special degree programs and vocational traineeships supply the talented young specialists you need for cutting-edge information and communications technologies.

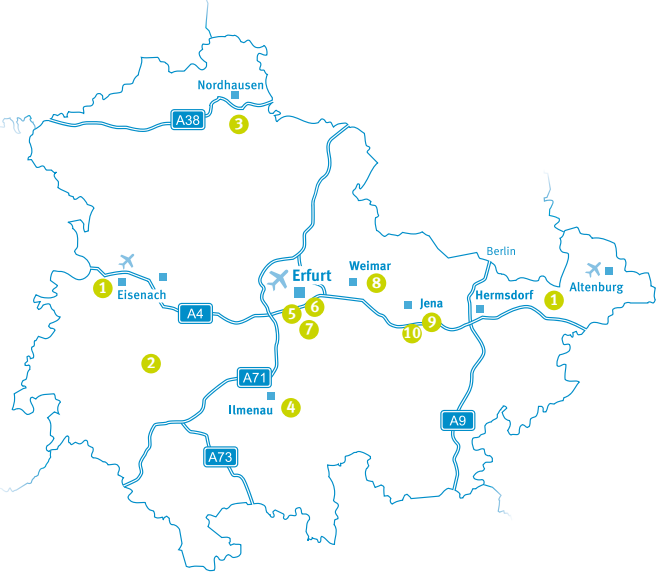
World-class education

Nine universities in Thuringia provide degree programs with industry-friendly specializations.

The gamut runs from traditional training programs and IT degrees to diplomas in highly innovative disciplines:

- › Computational and data science
- › Human-computer interaction
- › Computer science for digital media
- › E-commerce
- › Media engineering
- › Technical cybernetics and systems theory
- › Biomedical engineering
- › Automation and systems engineering
- › Digital engineering

Locations for bachelor’s and master’s degrees in ICT



- 1 University of Cooperative Education Gera-Eisenach
- 2 University of Applied Sciences Schmalkalden
- 3 University of Applied Sciences Nordhausen
- 4 Ilmenau University of Technology
- 5 University of Applied Sciences Erfurt
- 6 University of Erfurt
- 7 IU International University of Applied Sciences Erfurt
- 8 Bauhaus-Universität Weimar
- 9 University of Applied Sciences Jena
- 10 Friedrich Schiller University Jena



Successfully networked – from theory to practice.

Enjoy all the benefits of close ties between industry, academia and research. Finding partners is easy. Collaborating is straightforward.

Current fields of research

- › (Big) data science
- › Analysis, management and simulation of complex systems
- › Virtual and augmented reality
- › Artificial intelligence
- › Digital engineering
- › Natural language processing
- › Sensors
- › Biosignal processing
- › Cryptography and media security
- › Smart assistance systems
- › Web technologies
- › Mobile communications networks
- › Digital media technology



In Thuringia, you can plug into a host of research institutions and application centers that employ state-of-the-art technical infrastructure to develop new products and technologies. These include:

The media campus of the **STUDIOPARK Children’s Media Center** offers a media-oriented, well-connected and communicative environment for companies in the creative and media industry. Due to the direct proximity to KiKA, ARD, ZDF and MDR excellent business-promoting multiplier effects are provided and opportunities for cooperation are promoted.

The **Digital Bauhaus Lab** is an interdisciplinary research center in which scientists from computer science, civil engineering and artists face the challenges of the information society. It has technically advanced equipment such as interactive displays, a computer cluster and an interface development laboratory.

The **Fraunhofer Institute for Digital Media Technology (IDMT)** of the Ilmenau University of Technology is working on AI-based recognition and classification methods for audio and video data to improve industrial quality control and for applications in broadcasting, television and online media.

The **Center for Applied Artificial Intelligence** at the Ernst Abbe University of Applied Sciences Jena (**ZAKI@EAH**) is a platform that connects players from science, business and society in order to further advance the topic of artificial intelligence in Thuringia and, above all, to bring it into application.

Dedicated business networks:

