Department for Economy and Employment
Economic development office

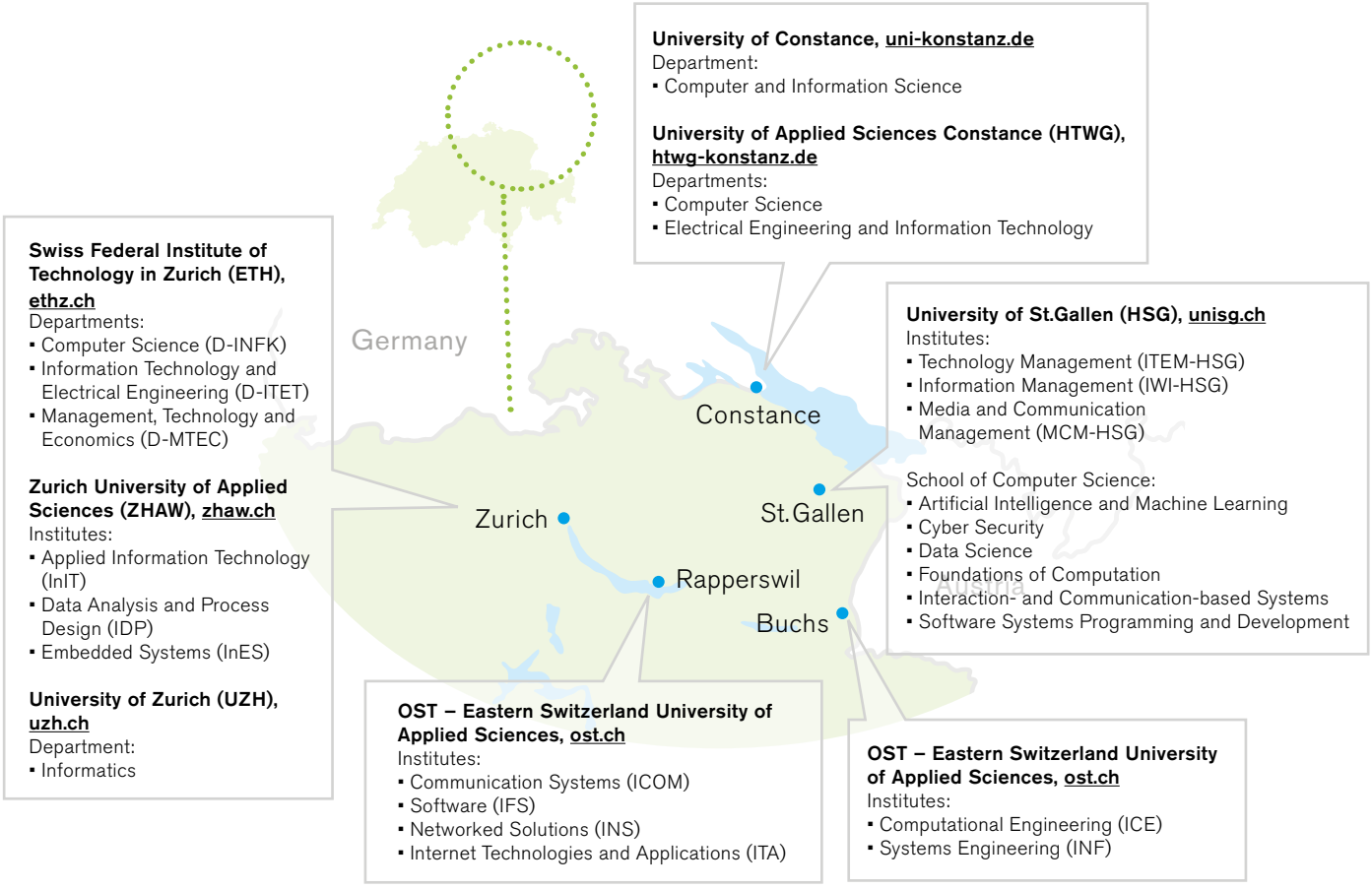
Thurgau
SWITZERLAND

Locational advantage ICT

ICT in Eastern Switzerland

The ICT industry is one of the key sectors in Eastern Switzerland and is characterised by dynamic and successful small and medium-sized enterprises, universities and research facilities. Approximately 2,000 companies employ some 20,000 skilled professionals, making the region one of the most attractive locations in the industry. Leading universities and higher education institutions within the region supply the local and nearshore economy with highly-qualified ICT experts. Eastern Switzerland is home to innovative solution providers, offering access to inspiring R&D facilities and ICT networks.

Education, Research and Development



University of Constance, uni-konstanz.de
Department:
- Computer and Information Science

University of Applied Sciences Constance (HTWG), htwg-konstanz.de
Departments:
- Computer Science
- Electrical Engineering and Information Technology

Swiss Federal Institute of Technology in Zurich (ETH), ethz.ch
Departments:
- Computer Science (D-INFK)
- Information Technology and Electrical Engineering (D-ITET)
- Management, Technology and Economics (D-MTEC)

Zurich University of Applied Sciences (ZHAW), zhaw.ch
Institutes:
- Applied Information Technology (InIT)
- Data Analysis and Process Design (IDP)
- Embedded Systems (InES)

University of Zurich (UZH), uzh.ch
Department:
- Informatics

University of St.Gallen (HSG), unisg.ch
Institutes:
- Technology Management (ITEM-HSG)
- Information Management (IWI-HSG)
- Media and Communication Management (MCM-HSG)

School of Computer Science:
- Artificial Intelligence and Machine Learning
- Cyber Security
- Data Science
- Foundations of Computation
- Interaction- and Communication-based Systems
- Software Systems Programming and Development

OST – Eastern Switzerland University of Applied Sciences, ost.ch
Institutes:
- Communication Systems (ICOM)
- Software (IFS)
- Networked Solutions (INS)
- Internet Technologies and Applications (ITA)

OST – Eastern Switzerland University of Applied Sciences, ost.ch
Institutes:
- Computational Engineering (ICE)
- Systems Engineering (INF)

2,000
companies

are located in Eastern Switzerland.

20,000
employees

work in the ICT sector in Eastern Switzerland.

11
percent

of all Swiss companies in the ICT sector are located in Eastern Switzerland.

23
percent

of Swiss ICT exports come from companies based in Eastern Switzerland.

Source: Trade associations, statistics

Segments and companies

Enterprise Software / Business Process Engineering and Outsourcing / Enterprise Resource Planning

- Abacus Research AG, St. Gallen, abacus.ch
- Comarch Swiss AG, Arbon, comarch-swiss.ch
- Geovision GmbH & Co. KG, Frauenfeld, geovision.de
- GUS Group (GUS Schweiz AG), St. Gallen, gus-erp.com
- HAUFE-UMANTIS AG, St. Gallen, umantis.com
- Probyt Systems AG, Frauenfeld, probyt.ch
- Robotron Schweiz AG, Wil, robotron.ch
- T-Systems Data Migration Consulting AG, Kreuzlingen, t-systems.com
- Vosch Electronic AG, Goldach, vosch.ch
- Wilken AG, Arbon, wilken.de
- Zoot International AG, St. Gallen, zootsolutions.eu

Internet Technology / Content Management System (CMS) / E-Commerce

- B2browse AG, Teufen, b2browse.com
- chrisign GmbH, Weinfelden, chrisign.ch
- Globonet GmbH, Wil, globonet.ch
- Hulbee AG, Egnach, hulbee.com
- Valantic CEC Schweiz, St. Gallen, valantic.com
- YMC AG, Kreuzlingen, ymc.ch
- Wilken AG, Arbon, wilken.de

Artificial Intelligence (AI)

- BMT Business meets Technology Consulting AG, Bottighofen, bmt-consulting.ch
- Hulbee AG, Egnach, hulbee.com
- OriginStamp AG, Kreuzlingen, originstamp.com

IT Security / Software as a Service (SaaS) / Big Data Solutions

- Bechtle Steffen Schweiz AG, St. Gallen, bechtle.com
- CADFEM (Suisse) AG, Aadorf, cadfem.net
- Compass Security Schweiz AG, Rapperswil-Jona, compass-security.com
- Human Bios International AG, Kreuzlingen, humanbios.com
- ITficient AG, Aadorf, cadfem.net
- LC Systems-Engineering AG, Horn, lcsys.ch
- QuoVadis Trustlink Schweiz AG, St. Gallen, quovadisglobal.com
- SPORTRADAR AG, St. Gallen, sportradar.com
- Würth ITensis AG, Rorschach, wuerth-itensis.com
- Zoot International AG, St. Gallen, zootsolutions.eu

On the German and Austrian side of the Lake Constance economic area, a similar industry structure is assumed to exist.

Cooperation projects R&D

Selection from a wide variety of cooperation projects:

- Bosch IoT Lab@HSG and ETH: Cooperation between the Bosch Group, ETH and HSG with the aim of exploring business models in the field of “Internet of Things and Services”. Development of web- based products and services (iot-lab.ch).
- DigitalLab@HSR: Cooperation between OST, HSG and Cognizant. Development of new processes and solutions for digital transformation (digitallabathsr.ch).
- Microsoft Innovation Center: Joint initiative between Microsoft Switzerland and HSR (iris.science-it.ch).

Knowledge partners and networks

IT rockt!

The “IT rockt!” initiative is a consortium of ICT companies, educational institutions, network partners and the public sector in the St.GallenBodenseeArea (SGBA). Among other things, the aim is to increase the awareness and positioning of Eastern Switzerland as an ICT location. Key focus areas are attracting ICT specialists, creating demand-driven and future-oriented educational opportunities and promoting networking process between companies and employees. (itrockt.ch)

digitalswitzerland

digitalswitzerland is the joint initiative of businesses, public authorities and science designed to mould Switzerland into the world’s leading digital innovation location. To this end, digitalswitzerland is engaged in a wide range of fields such as knowledge transfer, education, start-up ecosystems and political framework conditions. The association counts more than 70 of the most renowned companies, organisations and innovative locations throughout Switzerland. (digitalswitzerland.com)

cyberLAGO

Competence network of companies, universities and (public) institutions in the digital and IT market in the region of Lake Constance. The network offers a central point of contact for users from other sectors within the region with questions relating to digital transformation, IT and IT security. This involves new digital business models, development methods (e.g. agile, scrum, lean development) and the deployment of cutting-edge technologies (e.g. big data, cloud services, mobile apps). (cyberlago.net)

BODENSEEZENTRUM INNOVATION 4.0

BODENSEEZENTRUM INNOVATION 4.0 was established at the Constance University of Applied Sciences (HTWG) in close partnership with the “Internationale Bodenseekonferenz (IBK)” and on the initiative of the Baden-Württemberg State Ministry. It supports medium-sized enterprises from Germany, Switzerland, Austria and Liechtenstein in managing digital change and accompanies them during the first steps of digitalisation. It also provides assistance with specific problems and puts companies in contact with appropriate partners. (bzi40.eu)

Associations / networks

- **asut**
  Swiss Telecommunications Association (asut.ch)
- **CH Open**
  Swiss Open-source User Group (ch-open.ch)
- **Information Security Society Switzerland**
  Leading professional association for ICT security (isss.ch)
- **ICT Vocational Training Switzerland**
  National organisation of the World of Work for the ICT Sector (ict-berufsbildung.ch)
- **Swico**
  Large ICT providers’ lobby (swico.ch)
- **SwissICT**
  swissICT links ICT companies, professionals and users in Switzerland. (swissict.ch)

Knowledge platforms

- digital.swiss: Knowledge base relating to the progress of digital innovation in Switzerland, digital.swiss
- CEtoday (trade journal), cetoday.ch
- Computerworld (trade journal), computerworld.ch
- InsideIT (trade journal), inside-it.ch
- ITbusiness (trade journal), itbusiness.ch
- Netzwoche (trade journal), netzwoche.ch
- Swiss IT Magazine (trade journal), itmagazine.ch

Data centres

- Abraxas Informatik AG, St.Gallen, abraxas.ch
- Rechenzentrum Ostschweiz, Gais, rechenzentrum-ostschweiz.ch
- Rechenzentrum des Elektrizitätswerks des Kantons Thurgau «Datacenter», Frauenfeld, datacenterthurgau.ch
- SWIFT, Diessenhofen, swift.com

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