



State-of-the-Art Technology
in support of
Disaster Management.

T-Systems.

Enabler of connected life and work.

Jurry de la Mar.

T-Systems International GmbH.

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Deutsche Telekom. Partner for connected life and work.

Deutsche Telekom delivers one-stop services and solutions:
for all customer communications needs – at home, on the move and at work.

T-Mobile



T-Mobile offers cell-phone solutions in the Netherlands, Austria, the Czech Republic and the USA.



Telekom



The Telekom subsidiaries provide products and services for the fixed network, mobile communications, the Internet and IPTV in Europe.



T-Systems



T-Systems delivers ICT solutions for major corporations and public-sector organizations worldwide.



Deutsche Telekom. Facts and figures.

We make the right connections.

- **Market position.** No. 1 on German market (phone, mobile, IT)
- **International.** Presence in over 50 countries worldwide
- **Revenues.** €64.7 billion, more than 50% generated outside Germany
- **Employees.** 251,000 worldwide, more than 50% outside Germany
- **Customers/connections.** Over 180 million (broadband Internet, phone, mobile)

We run our business responsibly.

- **Eco-friendliness.** Driving force for sustainable climate protection through the development of energy-efficient ICT solutions, both for ourselves and our customers
- **CSR.** €100 million provided by Deutsche Telekom Foundation for improving German education system.
11,000 trainees and apprentices, the largest number of any organization in Germany.

We think ahead.

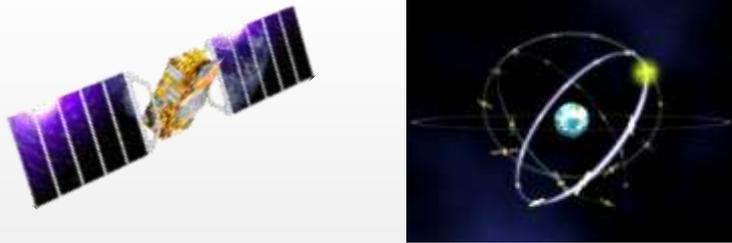
- **Innovation and cooperation.** Member of over 50 international committees and more than 150 work groups
- **Deutsche Telekom Laboratories.** The company operates an R&D center affiliated to the Technical University of Berlin where 125 staff and 65 researchers from all over the world work in the field of IT and telecommunications
- **Deutsche Telekom Laboratories at Ben Gurion University.** Performs research into security solutions for telecommunications networks

Deutsche Telekom – an international market leader for connected life and work.



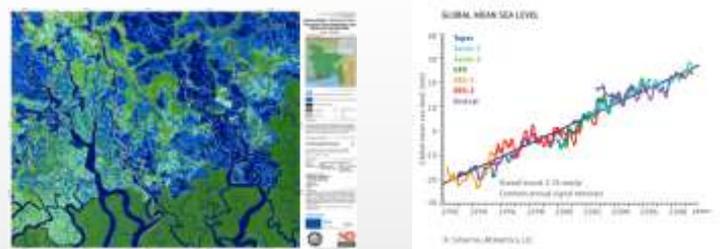
T-Systems – what we support today.

Galileo – Global Navigation Satellite System.



- Building and operating a professional infrastructure for Galileo services
- Support Disaster Management e.g. for Maritime, Earthquakes, Floods, Landslides and Forest Fires
- Coordinated Emergency Response
- Real-time information even when basic infrastructures fail

GMES – Global Monitoring of Environment and Security.

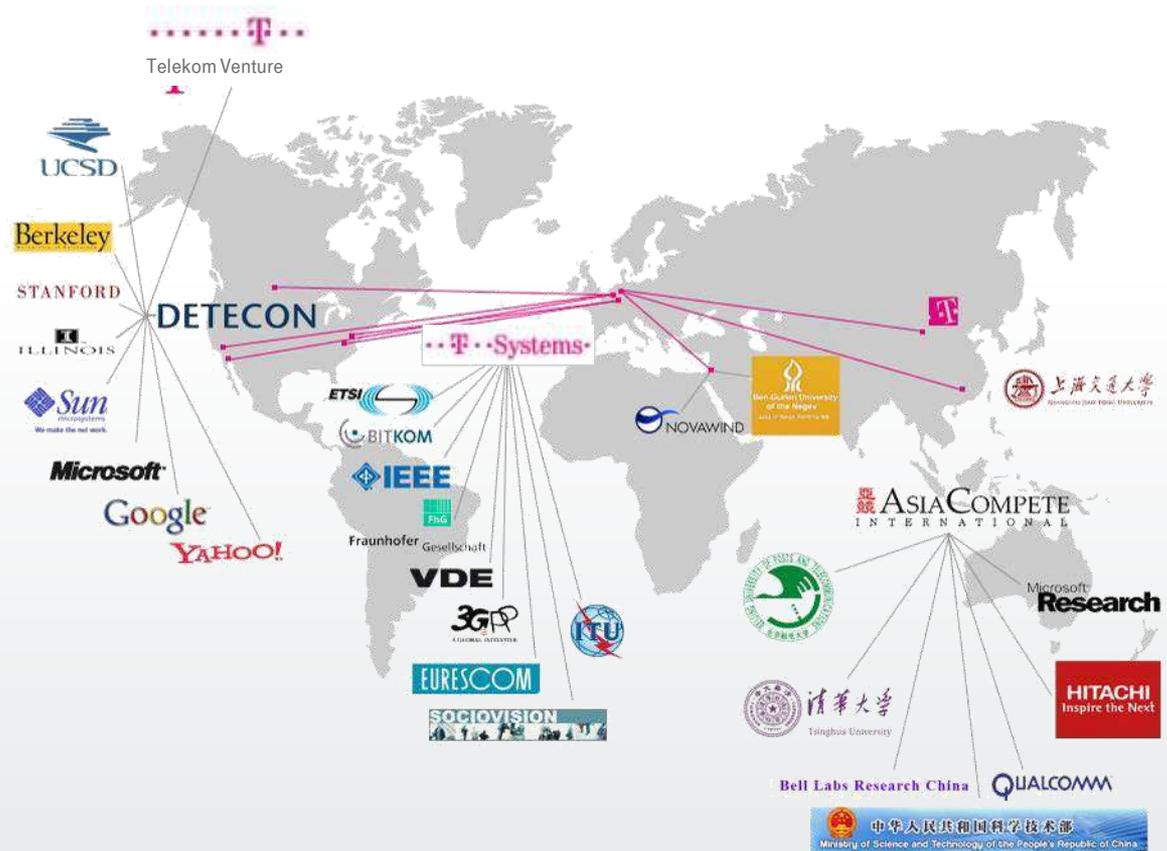


- Distributing Earth Observation Data in real-time over high-speed networks
- Supporting development of large-scale computing facilities, distribution networks and archives
- Supporting development of real-time downstream services for end-users

T-Systems accelerates innovation through its international research network.

Open innovations (sources).

- worldwide systematic identification, development and implementation of new ideas
- collaboration with universities and research institutions
- future-oriented partner management (co-innovation)
- customer requirements and pain points
- participation in standardization and similar bodies
- involvement in industry associations
- market trends
- analysts
- Deutsche Telekom Labs (R&D-projects focusing on time-to-market of less than three years) > knowledge-transfer projects



T-Systems – Examples of innovation potential.



I'm here.

- Who, What, When and now Where!
- One of the fastest growing mobile apps
(e.g. Facebook, Foursquare, Gowalla)

How to exploit geo-location for disaster management?

