



2014 Corporate Responsibility Report

We take responsibility

Cyber Security

The third Cyber Security Summit was held at our Group Headquarters in Bonn in November 2014.
[Find out more](#)

3rd
Cyber Security Summit

Telekom currently operates 180 honeypots, recording more than 1,000,000 hacker attacks a day.
[Find out more](#)

180
honeypots

180 experts discussed digital defense in an increasingly connected world.
[Find out more](#)

180
experts

Hacker attacks are increasingly becoming more professional and the damage they cause more serious. Every day roughly 100,000 new kinds of malware are identified, more than twice as much as a year ago. As a responsible ICT provider, we are fighting this trend. Our business model includes guaranteeing our customers a high degree of security and effectively protecting the data and infrastructure of the people and companies who use our services from unauthorized access.

Management approach

We are particularly concerned with protecting our customers from online dangers, as well as warning them and helping them should they fall victim to online crime. We bundle our expertise in our Cyber Security business area, giving us the capacities necessary not only to

identify cyber attacks early on but also to respond quickly with countermeasures. We are developing new ways to prevent attacks on an ongoing basis. In April 2014 we opened our own Cyber Defense Center where we analyze online behavior patterns and develop defense strategies.

Collaborating in the name of security

Cyber security is a shared responsibility. We work with research institutes, industry partners, public institutions and other online service providers worldwide to fight cyber crime and improve online security. For example, we regularly exchange information on new malware developments with anti-virus providers. We have also entered into a partnership with California-based cyber security specialist FireEye for our business customer segment. Together, we offer a comprehensive service to business customers in Europe that gives companies fast, effective protection against IT espionage and cyber attacks.

With the goal of improving collaboration revolving around digital security, we regularly host the Cyber Security Summit in collaboration with the Munich Security Conference. The third of these summit meetings between major politicians and business players took place in November 2014 at our Group Headquarters in Bonn.

Cyber Defense Center opens

Cyber criminals focus their attacks on valuable patents, technologies and other corporate knowledge. In many cases, it is difficult to determine the extent of the damage caused by these attackers. At our new Cyber Defense Center, which opened in Bonn on April 16, 2014, we bring together our cyber defense expertise under one roof, enabling us to more quickly identify, ward off and track cyber attacks. We use the knowledge gained at the Cyber Defense Center to not only protect our own infrastructure but also to develop IT security solutions for our customers.

At the heart of the center is a system that analyzes attacks. We use this system to pursue a focused defense strategy, which is based less on broad-based prevention measures and more on the targeted analysis of behavioral patterns potentially related with cyber attacks. This focused approach significantly reduces the amount of data we need to analyze and makes it possible for us to initiate countermeasures more quickly. We also use an intelligent early warning system in our analyses that fabricates weaknesses in different devices connected to the Internet. These honeypots provoke attacks, identify their origin and document the type of attack. Telekom currently operates 180 honeypots, which recorded more than one million attacks daily in 2014. This number only came to 300,000 in 2012. Every day we publish the latest figures and other statistical analyses at <http://www.sicherheitstacho.eu>.

The new center is an advancement of our Telekom Cyber Emergency Response Team (CERT), which manages security incidents for all of Deutsche Telekom's information and network technologies internationally.

In creating the Cyber Defense Center, we are continuing to expand on our own cyber security expertise. We developed a continuing education program for our employees to become Cyber Security Professionals. The program was certified by the Cologne Chamber of Commerce and Industry.

Working together to fight cyber crime

The Munich Security Conference and Deutsche Telekom held their third joint Cyber Security Summit (CSS) on November 3, 2014. Around 180 experts and decision makers attended the event, which was held at Group Headquarters in Bonn as in past years, to discuss digital defense in an increasingly connected world. In addition to representatives of the German federal government, the EU, NATO and the U.S. federal government, a number of top managers from major international corporations took part in the discussions.

The CSS gave leaders from the worlds of business and politics the chance to talk to each other about future cyber threats and about how to further improve the security strategies needed to defend against those threats. Topics included protecting critical infrastructures, the tension between data privacy and data security, the need to raise awareness and prevention. Participants also used the CSS as an opportunity to bring fresh impetus into the concept of digital defense collaborations.

Cyber Security Summit for Kids

Following the CSS, we hosted the first ever summit especially for kids on November 4, 2014. The purpose of the event was to teach kids on a secure use of modern communications technology.