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Go to navigation

[IT and Internet policy](#)

[IT and Cyber Security](#)

products

protect critical IT infrastructures and "implementation plan CIP "

Robust infrastructure and a secure, available and confidential Internet across national borders and across legal systems are the backbone of our globalized world.

Almost all infrastructure sectors, such as finance, energy, water supply and sanitation or health care, are dependent on IT. There is also a growing network of infrastructures with each other.

The strong dependence of the critical infrastructure of IT and the increasing networking infrastructure among themselves pose next to the associated opportunities and risks. The Stuxnet computer worm in June 2010 has shown that even decoupled from the Internet processes and systems are vulnerable and such attacks due to the widespread use of the same systems can have far-reaching consequences.

The federal government has allocated with the Cyber Security Strategy 2011 the CIIP high priority in the context of cyber security.

Since about four-fifths of the critical infrastructures located in Germany in private sector responsibility, the operators of critical infrastructures play a key role. Since 2005, the Interior Ministry operates under the "CIP Implementation Plan" with about 40 large German infrastructure companies and their interest groups together in IT security. They are all highly dependent on IT systems. The participating organizations commit themselves on a voluntary basis, maintain a minimum level of IT security.

The implementation plan CIP is thus a model of how government agencies in this field can work with the business community together efficiently. The established cooperation is currently being developed. The cross-industry exchange is supplemented by sectoral working groups for the protection of critical infrastructure and cyber security. In addition, the CIP Implementation Plan will be connected to the Cyber Security to ensure consistency in setting priorities and to raise awareness among decision-makers on.

It must also be given to the implementation of standards. This scale to the level of protection well-positioned operators and industries, and thus the standards be, each of which is convinced that they are necessary.

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