Security Matters!

Swiss Digital Acceleration Plan

What does Security mean?

Secure for most people means safe and protected. To trust someone or to be trusted by supportive friends and family makes you feel secure. Having a home, a job, enough food and water and a positive outlook into the future seems to be the basis of feeling secure. Not fighting in a war is expressed by the term peace. Analyses across a spectrum of different statistics show that living in a peaceful country with a well-developed economy, generally correlates directly with positive senses of security.

People around the world associate Switzerland with a high level of safety. Over generations Switzerland has built up a security reputation.

Providing a stable economy, running a trustworthy banking industry, being neutral, protecting its country borders and upholding the militia principle to staff the Armed Forces are just a few areas to present to the world: **Switzerland is a secure country!**

So we learned to trust the world we know. Today we are faced to explore new horizons in cyberspace and thus need to learn how to trust in such new realities.

Inevitable Change

Over the last few decades we all embraced a new way of communication and internetworking. A new dimension has emerged. It touches all of our safe environment as it brings accelerated change.
Information and communication infrastructures have changed the private sector, the state and society

considerably. Use of the cyberspace (e.g. the Internet and mobile networks) has brought many advantages and opportunities. Interconnection of any device (e.g. IoT and 5G) is speeding up and thus pushing change of above areas even more.

Avoid the Risks

However, digital networking has also led to information and communication infrastructure being abused for the purposes of crime, intelligence gathering, terrorism and power politics or its operation being compromised. An increase of such threads must be assumed.

Cyber risks are big hurdles for digitization. Thus they need to be addressed constantly and mitigated as fast as possible. They need to be a constant topic in each digitization strategy in order to build a trustworthy foundation of digitization success.

The Swiss National Cyber Strategy

After a few years of decentralized work under the guidelines of the first National Cyber Strategy in cooperation with associations and operators of critical infrastructures main results were presented in the domains "Building capacities, capabilities and knowledge", "Building processes, structures and foundations" and "Strengthening cooperation with third parties".

The second version of the national strategy for protection of Switzerland against cyber risks (NCS 2.0) was release by the Federal Council on April 18th 2018.

In May 2019, the Federal Council adopted the implementation plan for the 2018–2022 national strategy for the protection of Switzerland against cyber risks (NCS).

https://www.isb.admin.ch/isb/en/home/themen/cyber_risiken_ncs/umsetzungsplan.html

Switzerland has addressed the digital transformation and has released its "Digital Strategy". With respect to the emerging cyber risks our country started to provide strategic guidelines to mitigate these risks.

Vision

«In exploiting the opportunities of digitalization, Switzerland is adequately protected against cyber risks and is resilient to them. The capacity to act and the integrity of its population, economy and the state against cyber threats is safeguarded.»

The Plan

Under this vision and the documented **National Cyber Strategy 2.0 (NCS 2.0)** goals a list of 29 measures has been proposed. Cisco is committed to support the following measures within the scope of the Swiss Digital Acceleration initiative.

NCS 2.0 Measure supported by Cisco CDA	Description
1	Early identification of trends and technologies and knowledge building
2	Expansion and promotion of research and educational competence
4	Expansion of capabilities for assessing and presenting the cyber threat situation
12	Expansion of MELANI as a public-private partnership for operators of critical infrastructures
22	Expansion of capabilities for information gathering and attribution
24	Ensuring the Armed Forces' operational readiness across all situations in cyberspace and regulating their subsidiary role in support of the civilian authorities

The implementation plan determines how the greatly intensified threat situation in the area of cyber security is to be taken into account.

Cisco is supporting the listed measures within the NCS implementation plan.

Let's build up "Swiss Trust"

Switzerland is a model country to once more prove to the world how to be secure even in the cyber dimension. Cisco as one of the worlds largest contributor to the cyber space is committed to support Switzerland in this endeavor. We at Cisco are convinced that security is most effective when it works as a comprehensive fully integrated system paired with underlying processes and skilled resources.

Understanding Switzerland's decentralized structures in the public and private sector Cisco aims at fostering and being part of a local ecosystem to support the National Cybersecurity Strategy of the government.
Within our Country Digital Acceleration program, we

support it in exactly these areas. Based on our state-of-the-art security technology we build a Cybersecurity Academy in Switzerland in order to skill the next generation Cyber Security Specialists. We are constantly looking for new partners to support our means here in Switzerland.

Our aim is to support Switzerland's national interest in protecting information and communication infrastructure from cyber threats.

We strive to help building a trust foundation in the fast changing cyber dimension.

Outlook

Together with cyber related stakeholders Cisco is supporting the national strategy to protect against cyber risks.
Our involvement will boost the measures/projects in alignment of the NCS 2.0 implementation plan.

Cisco Country Digital Acceleration

Cisco's Country Digital Acceleration Strategy (CDA) is a long-term partnership with national leadership, industry & academia. By accelerating the national digitization agenda, the country will seize the economic growth opportunities, create new jobs and provide innovation and education across public & private sectors.

«Technology truly will enable countries to change the lives of their citizens, to really change the trajectory of their economic growth, and actually help change the overall economic and social profile of a country.»

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