



Digital Switzerland Strategy Action Plan

Federal Administration measures

April 2016

1 Digital Switzerland Strategy Action Plan

The Action Plan is an integral part of the Digital Switzerland Strategy. It comprises the measures which the Federal Administration shall use to make a tangible contribution to achieving the Strategy goals. The Action Plan shall be regularly updated by the Information Society Business Office, which shall be responsible for taking into account developments in the field of ICT, new cross-sectoral issues and the results of the national dialogue.

1.1 The digital economy

Strategy goals	Measures	Managed by / Type / Deadline ¹
<i>Economic fundamentals for the digital economy / Sharing economy</i>	Drafting of a report on the central framework for the digital economy	Managed by: EAER (SECO) By the end of 2016

1.2 Data and digital content

Strategy goals	Measures	Managed by / Type / Deadline
<i>Coherent and future-oriented data policy</i>	Development of a basic approach to the issue of data policy in the Confederation for the attention of the Conference of General Secretaries (CGS)	Managed by: DETEC (OFCOM) By the end of 2016
	Any legislative implementation of relevant recommendations by the Future of Data Processing and Data Security Expert Commission (13.3841 Mo. Rechsteiner)	Managed by: FDJP (FOJ) From 2017 to 2020

¹ See list of abbreviations in the annex

<i>National data infrastructure</i>	Development of the OGD Strategy as a data strategy for the government and administration. This includes investigating the need for revisions to the legal basis in individual cases and developing governance guidelines.	Managed by: FDHA (SFA) By the end of 2018
	Provision of online access to the Confederation's archive materials and a digitisation infrastructure	Managed by: FDHA (SFA) By the end of 2019
<i>Access to digital content</i>	Switzerland shall follow the EU legislative proposals on the harmonisation of national systems of copyright and shall be committed to cross-border portability of lawfully acquired content for users within the Switzerland/EU relationship.	Managed by: FDJP (IIP) Long-term task
<i>Control over one's own data</i>	As part of the ongoing revision of the Federal Data Protection Act (FADP): Clarification of the possibility of implementing the fundamental right to informational self-determination for ICT users, i.e. to increase transparency and ICT users' control over their own data, and to strengthen supervisory bodies	Managed by: FDJP (FOJ) By the end of 2018

1.3 Infrastructure and environment

Strategy goals	Measures	Managed by / Type / Deadline
<i>High-speed broadband in all Swiss municipalities: the market is made dynamic</i>	Revision of the TCA (Stage 1): Launching the consultation procedure on the first revision package	Managed by: DETEC (OFCOM) By the end of 2016
	Revision of the TCA (Stage 2): Drafting of a discussion paper on the second revision package for the attention of the Federal Council	Managed by: DETEC (OFCOM) By the end of 2018
	Provision of new mobile radio frequencies and allocation of these by the Federal Communications Commission (ComCom)	Managed by: DETEC (OFCOM) and ComCom By the end of 2018
<i>Innovative logistics services available to e-commerce</i>	Initiation of a dialogue between delivery service providers and mail order companies	Managed by: DETEC (OFCOM) By the end of 2017
	Review and simplification of the customs framework conditions	Managed by: FFD (FCA) Long-term task

Strategy goals	Measures	Managed by / Type / Deadline
<i>Future energy supply</i>	Implementation of the Data Centre and Energy Efficiency awareness-raising campaign	Managed by: DETEC (SFOE) Long-term task
<i>Intelligent, networked, non-discriminatory mobility</i>	Creation of a multi-modal, networked transport management scheme (including automated driving) using ICT	Managed by: DETEC (FEDRO) Long-term task

1.4 e-Government and e-Health

Strategy goals	Measures	Managed by / Type / Deadline
<i>Secure and user-friendly identity management</i>	Development of a prototype for a Swiss identity association	Managed by: EAER (SECO) By the end of 2016
	Integration of specialist applications from the cantons and municipalities into the Swiss identity association (and, if necessary, the health sector) to demonstrate the practicality of a productive system	Managed by: EAER (SECO), FDHA (FOPH) and pilot users By the end of 2018
	Compilation of a draft concept and draft legislation including a dispatch for officially recognised, EU-compatible eID systems	Managed by: FDJP (fedpol and FOJ) By 2018
	Development and initial implementation of a concept on the prospective expansion of officially recognised eID systems to include the Federal Administration, cantons and municipalities as well as other participants in the eID eco-system (in accordance with the Federal Council Dispatch of 13/01/2016 on the FDJP discussion paper entitled Officially Recognised eID Systems, Preliminary Rulings and Further Action)	Managed by: EAER (SECO) and FDJP (fedpol) By 2020
<i>Digital options for official transactions for civil society and the economy</i>	Implementation and development of the e-Government Switzerland Strategy	Managed by: FFD (e-Government Business Office) Long-term task
	Implementation of the e-Accessibility Action Plan 2015-2017	Managed by: FDHA (FBED) in cooperation with departments and the Federal Chancellery. end of 2017

Strategy goals	Measures	Managed by / Type / Deadline
<i>e-Health</i>	Updating of the e-Health Switzerland Strategy of 2007	Managed by: FDHA (FOPH) By the end of 2017
	Participation in the EU's e-Health Joint Action and Connecting Europe Facility (CEF) schemes	Managed by: FDHA (FOPH) By the end of 2017

1.5 New forms of political participation

Strategy goals	Measures	Managed by / Type / Deadline
<i>Democratic decision-making and opinion-forming in the digital environment</i>	Support for digitisation of radio broadcasting in the implementation of the radio sector's DigiMig agreement	Managed by: DETEC (OFCOM) Long-term task
	Implementation of the results of the parliamentary discussion regarding Postulate 14.3298 on the public service in the media sector	Managed by: DETEC (OFCOM) By 2016
<i>Political rights exercised by electronic means</i>	Introduction of e-Consultation into the Federal Administration by the end of 2017	Managed by: Federal Chancellery By the end of 2017
	Expansion of the e-voting project	Managed by: Federal Chancellery and the cantons Long-term task

1.6 Development of the knowledge-based society

Strategy goals	Measures	Managed by / Type / Deadline
<i>Switzerland is fit for digitisation</i>	<p>As part of cooperation in the field of education, the Confederation and the cantons shall coordinate their strategies to integrate ICT into the education system.</p> <p>The Confederation contributes to the creation of conditions which</p> <ul style="list-style-type: none"> - allow timely monitoring of developments in the field of digitisation in education and the revision of a basis to identify the need for action for Switzerland as a whole; - support cooperation via institutional and pro- 	<p>Managed by: EAER (SERI) and the cantons</p> <p>Long-term task</p>

Strategy goals	Measures	Managed by / Type / Deadline
	<p>essional networks and improve the dialogue between various stakeholders with the aim of developing measures and solutions for Switzerland as a whole for the attention of education policy decision-makers.</p>	
<p><i>New education and training opportunities: improved research and innovation</i></p>	<p>As part of promoting innovation by the CTI, the Confederation shall support and accelerate the innovation process by bringing together companies and research institutions via innovative projects in order to better exploit the innovation potential of SMEs in accordance with the bottom-up principle. At the same time, the projects will contribute to the practical training of young scientists. They will also support the founding and expansion of science-based companies and the exploitation of knowledge and the transfer of knowledge and technology between universities, the economy and civil society.</p>	<p>Managed by: EAER and CTI Long-term task</p>
	<p>As part of the international research and innovation cooperation work, the Confederation shall, within the European Active and Assisted Living (AAL) programme, support the development of technological solutions which allow older persons and persons with disabilities to live and work independently and which improve their digital literacy.</p>	<p>Managed by: EAER (SERI) Long-term task</p>
	<p>Strategic continuation of international cooperation and networking at the European level and with emerging non-European countries</p>	<p>Managed by: EAER and CTI Long-term task</p>
	<p>Focal point at the level of the Swiss Federal Institute of Technology: Big Data and Digital Sciences</p>	<p>Managed by: EAER (SERI) Long-term task</p>
	<p>Swiss National Science Foundation's Big Data national research programme</p>	<p>Managed by: EAER (SERI) 2017-2020</p>
<p><i>Electronic access for all to cultural heritage and production of digital culture</i></p>	<p>Expansion of electronic access to Switzerland's audio-visual and printed cultural heritage, support for long-term archiving of culture (e.g. film) in digital formats, support for publications in digital formats as part of the promotion of literacy and literature</p>	<p>Managed by: FDHA (FOC and NL) Long-term task</p>

Strategy goals	Measures	Managed by / Type / Deadline
	Creation of a multi-tenant, multi-authority repository for the preservation of the digitised analogue and original digital stocks of the Swiss National Library (General Collection), the Swiss Literary Archives and the Swiss National Sound Archives	Managed by: FDHA (NL, Swiss Literary Archives, Swiss National Sound Archives and other partners, if necessary) By 2020
	Introduction of a coordinated support programme for design and interactive digital media (mobile applications, computer games, etc.)	Managed by: FDHA (FOC and Pro Helvetia) By 2020
	Provision of online access to archive materials and a digitisation infrastructure	Managed by: FDHA (SFA)

1.7 Security and trust

Strategy goals	Measures	Managed by / Type / Deadline
<i>Protection of the Confederation's structures and processes from cyber risks</i>	Effect analysis of the NCS Strategy, including an examination of aspects of international cooperation (particularly with the EU in relation to network and information security)	Managed by: FFD (MELANI) By the end of 2016
<i>Data processing and data security</i>	The following issues are to be clarified as part of the Data Security and Data Processing Expert Group's work: <ul style="list-style-type: none"> - How should technological, economic and political developments be assessed in the field of data processing? - What are the consequences for society, the economy and the state in Switzerland? - How viable is the current legal framework? 	Managed by: FFD (Data Security and Data Processing Expert Group) By the end of 2018
<i>Protection of young persons</i>	Revision of the TCA, including provisions for the protection of young persons: Launching the consultation procedure	Managed by: DETEC (OFCOM) By the end of 2016
	As part of the ongoing revision of the Federal Data Protection Act (FADP): identification of opportunities to protect the privacy of ICT users, particularly children and young persons.	Managed by: FDJP (FOJ) By the end of 2016

Strategy goals	Measures	Managed by / Type / Deadline
	Assessment as to whether federal regulation of age rating and access and distribution restrictions for films and computer games (based on Art. 95, para. 1 of the Federal Constitution) is constructive and consideration of the form such a regulation might take.	Managed by: FDHA (FSIO) By summer 2016

1.8 Switzerland's international position

Strategy goals	Measures	Managed by / Type / Deadline
<i>Global cyber-security and internet governance</i>	Promotion of global regulations, trust-building and capacity-building for a secure cyberspace	Managed by: FDFA Long-term task
	Promotion of the Geneva Internet platform (GIP) to strengthen Geneva as a leading international location for teaching knowledge and skills in the fields of cyber-security and internet governance	Managed by: FDFA and DETEC (OFCOM) 2016-2020
	Switzerland as Chair of the ICANN Governmental Advisory Committee (GAC)	Managed by: DETEC (OFCOM) Long-term task
	Active representation and coordination of the Swiss position in the follow-up work by the UN WSIS+10 General Assembly High Level Meeting 2015, in the relevant processes, particularly the UNGA, UN IGF, UN CSTD, ICANN, ITU, UNESCO (follow-up work: WSIS), Council of Europe, OECD and EuroDIG	Managed by: DETEC (OFCOM) in cooperation with FDFA and in consultation with other federal authorities, the economy and civil society Long-term task
<i>Use of critical internet resources</i>	Development and implementation of a concept for the use of the .swiss domain by the Federal Council and Federal Administration	Managed by: The Federal Chancellery in cooperation with DETEC, the FFD and the DDPS By mid-2016 (concept), follow-up in accordance with the Federal Council Dispatch
<i>Sustainable global development using ICT</i>	The SDC and SECO shall integrate the use of ICT into their activities to support or accelerate the achievement of their goals, including the provision of support for democratic processes and access to information	Managed by: FDFA (SDC) and EAER (SECO) Long-term task

Strategy goals	Measures	Managed by / Type / Deadline
	Cooperation with the World Economic Forum and support for the Future Internet Initiative project	Managed by: DETEC (OFCOM) By 2017
<i>Exploiting opportunities in the virtual international economic area</i>	Coordination of Federal Administration contacts together with the EU in relation to the Digital Single Market	Managed by: DETEC (OFCOM) in cooperation with the FDFA, EAER and FFD Long-term task
	Representation of Swiss interests together with the EU Digital Single Market	Managed by: FDFA (DEA) in cooperation with the EAER and DETEC Long-term task
	Negotiation of a new bilateral agreement for the exchange of data with the USA ("Privacy Shield" as a successor to the Safe Harbor agreement)	Managed by: EAER (SECO) in cooperation with the FDJP (FOJ) and FDFA By 2018

1.9 Networked collaboration and national dialogue 2016-2017

Strategy goals	Measures	Managed by / Type / Deadline
<i>Launching and moderation of the national Dialogue on Digital Switzerland</i>	Organisation and accompaniment of the dialogue process including the summit conference 2017	Managed by: DETEC (OFCOM) 2016-2017

Annex: Abbreviations

CEF	Connecting Europe Facility
ComCom	Federal Communications Commission
CTI	Commission for Technology and Innovation
DDPS	Federal Department of Defence, Civil Protection and Sport
DEA	Directorate for European Affairs
DETEC	Federal Department of the Environment, Transport, Energy and Communications
EAER	Federal Department of Economic Affairs, Education and Research
eID	Electronic Identity
EU	European Union
FADP	Federal Data Protection Act
FCA	Swiss Customs Administration
FEDRO	Federal roads office
FFD	Federal Department of Finance
FDFA	Federal Department of Foreign Affairs
FDHA	Federal Department of Home Affairs
FDJP	Federal Department of Justice and Police
FDPIC	Federal Data Protection and Information Commissioner
fedpol	Federal Office of Police
FOC	Federal Office of Culture
FOJ	Federal Office of Justice
FOPH	The Federal Office of Public Health
FSIO	Federal Social Insurance Office
SFOE	Swiss Federal Office of Energy
ICT	Information and communications technologies
IIP	Swiss Federal Institute of Intellectual Property
MELANI	Reporting and Analysis Centre for Information Assurance
NL	Swiss National Library
OFCOM	Federal Office of Communications
OGD Strategy	Open Government Data Strategy
SDC	Swiss Agency for Development and Cooperation
SECO	State Secretariat for Economic Affairs
SERI	State Secretariat for Education, Research and Innovation
SFA	Swiss Federal Archives
TCA	Telecommunications Act