

DigiTrans - Audits

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Who is the SFAO?



- The Swiss Federal Audit Office (SFAO) has been the supreme financial supervisory body of the Swiss Confederation since 1877. It assists the Federal Assembly and the Federal Council. Its independence is guaranteed by the Federal Audit Office Act (FAOA).
- The SFAO supervises the financial management of the Federal Administration and numerous semi-governmental and international organisations. Much of its work has been published since 2014.

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Audit universe & criteria

Audit universe:

- Federal Courts (limited to administrative sector)
- Central and peripheral Federal Administration
- Recipients of subsidies
- Private providers of public duties
- The Parliamentary Services
- Stock companies in which the Confederation holds a majority stake
- Quality assurance in fiscal equalisation

Criteria of financial supervision:

- Legality
- Regularity
- Economic efficiency (economy, efficiency, effectiveness)









Audit objective: End-to-end consideration of digitisation projects (digital transformation projects)



Audit Objective

Assessment of process efficiency in dealing with (...) from an "end-to-end" perspective.



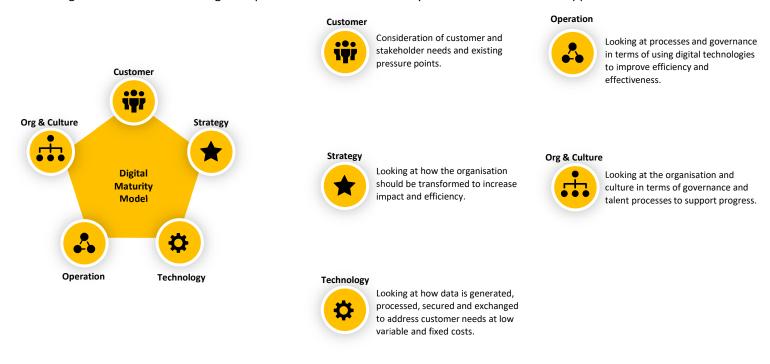
Derived audit questions

- Is the efficiency enhancement potential of the digital transformation being exploited?
- 2. Are new potential customers, partners, products and services adequately considered?
- 3. Is the digital transformation adequately embedded, controlled and managed in an overall architecture?
- 4. Do the existing framework conditions (e.g. laws, technology) allow for timely and flexible implementation and continuous digitisation?



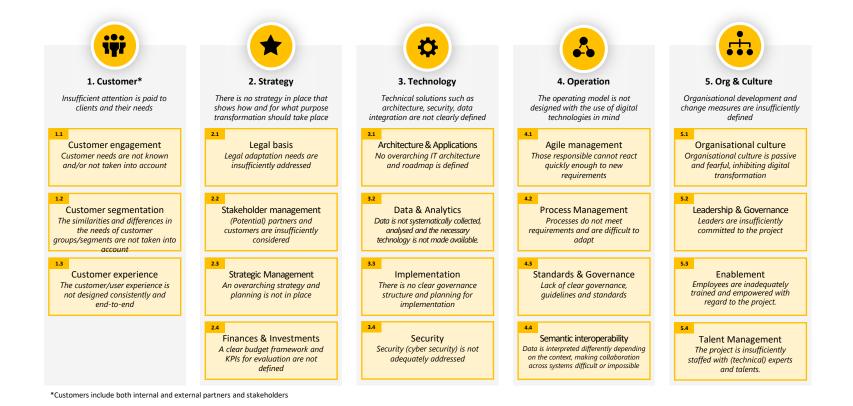
Basis for answering the audit questions is the DigiTrans model SFAO with five dimensions

The DigiTrans Model assesses digital capabilities and risks in 5 clearly defined dimensions and applies a holistic view.



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19 Criteria for assessing the main risks



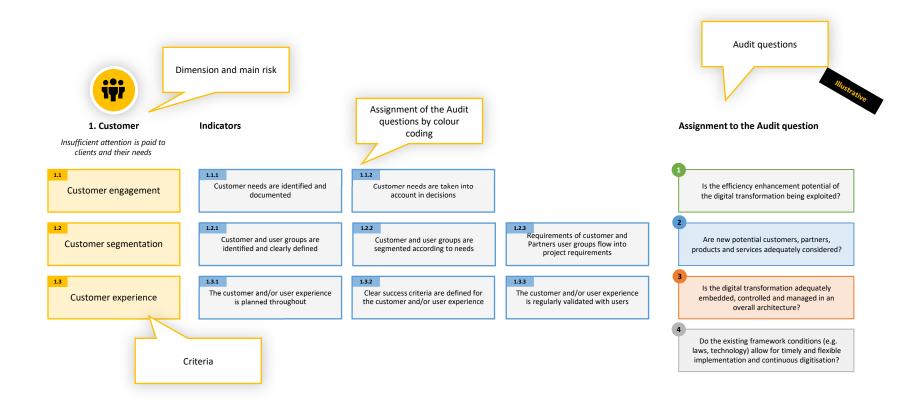
EIDGENÖSSISCHE FINANZKONTROLLE

CONTRÔLE FÉDÉRAL DES FINANCES

CONTROLLO FEDERALE DELLE FINANZE

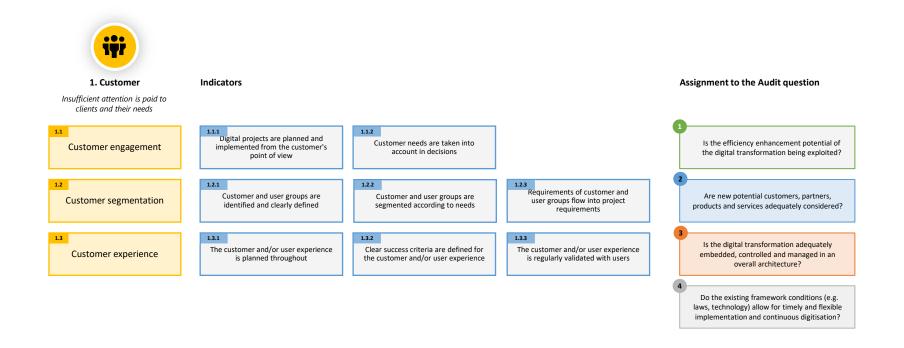
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Indicators for the criteria are assigned to the Audit questions



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Dimension 1: Customer





Dimension 2: Strategy



2. Strategy

There is no strategy in place that shows how and for what purpose transformation should take place

Indicators

Legal basis

Legal basis

Legal basis

Stakeholder management

Strategic Management

Lagal basis

Legal obstacles to projects are identified in good time and measures taken to eliminate them

There is an overview of the stakeholders in the ecosystem of the project

A clear vision and ambition for digital transformation are in place

2.4.1

A clear budget framework is defined

Any gaps in the law are known and measures have been taken to eliminate them.

An explicit partner/ecosystem approach is stated in the strategy

An overarching strategy for digital transformation is defined

Clear KPIs are defined for the transformation strategy to evaluate investment decisions

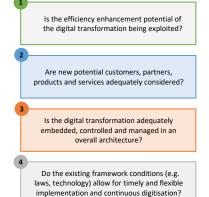
Data protection, security and regulatory requirements are identified.

Potential partners and clients are considered across organisational boundaries according to their needs

Detailed planning (e.g. technology roadmap) is in place and up to date

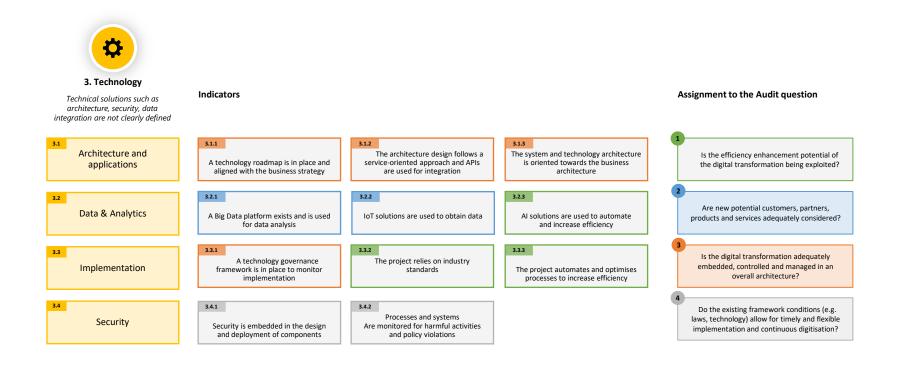
Synergies with other projects have been identified and efforts are being made to realise them.

Assignment to the Audit question



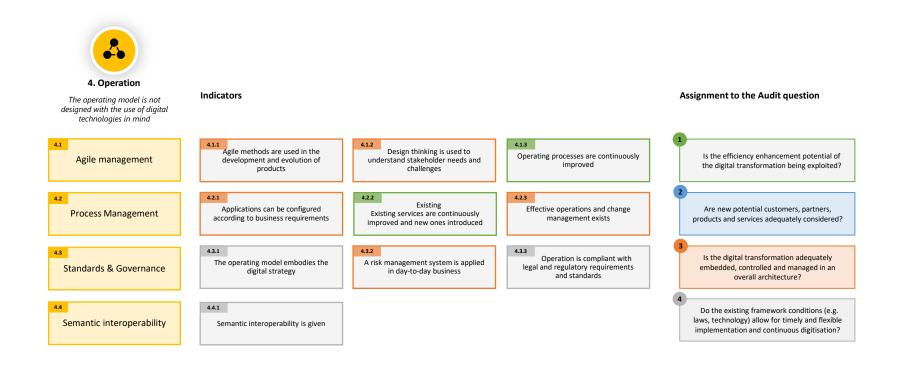


Dimension 3: Technology



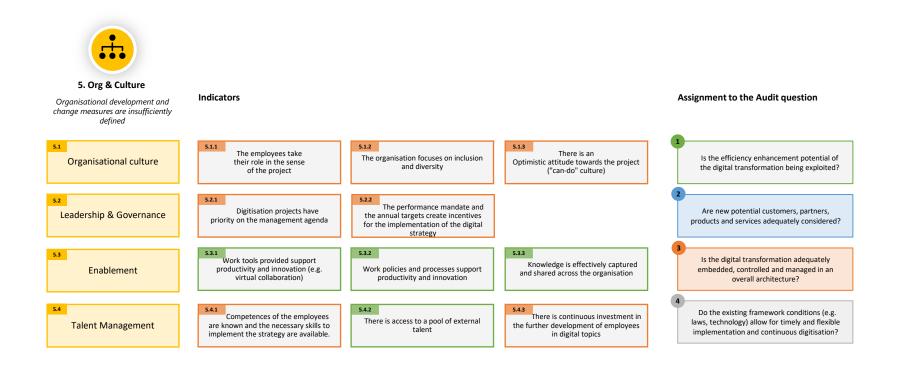


Dimension 4: Operation





Dimension 5: Org & Culture



Preparation Work (1)

- Who are the end customers
- Where are the entry points?
- What are the services to be provided?
- What are the information (not data) flows?
- Which (potential) authority is involved (all levels)
- Are there user associations (farmer's association, etc.)
- Which official conferences are there
- What are the legal bases regulating the scope



Preparation Work (2)

- Outline the information flows incl. authorities and services
- Outline existing applications and interfaces
- Identify ongoing projects (ICT, reorganization, changes in legislation, etc.)
- Identify the political initiatives



Preparation Work (3)

- Estimate the quantity structures (end users, transactions, mass-transactions/standardization level,...).
- Identify the media breaks
- Identify the "authority marathons"
- "Networking of services instead of sequential processes" possible?
- Identify projects with insufficient ambition (digitization without transformation, silo thinking, etc...)



Challenges in federal DigiTrans activities?

- Leadership at all levels
- Numerous players need to be orchestrated. Who does it?
- Framework in place (goals, strategy, architecture)?
- Common and understandable big picture (vision) is missing
- Understand and educate customers and employees (culture and consistency).
- Legal possibilities are not exploited
- Poorly chosen scope
 - Low ambitions (e.g. replacement of legacy system 1:1)
 - Lack of overview (stakeholders, systems, processes, ...)
 - Missing End-to-end view
- Attention on Data (semantic interoperability, higher-level data model, master data, ...) Data is the raw material for DigiTrans
- Challenging general conditions (lack of specialists, budgets vs. agile development, federalism)
- Proceed step-by-step and iteratively towards the vision instead trying to achieve everything in of one big project

Heat map – Number of our auditors votes in Workshop Jan '23





Backup Slide



The 7 audits planned in 2021

- 21325 BLW Digitale Transformation: Prüfung der Prozesseffizienz bei der Bewirtschaftung von Kontrolldaten
- 21389 V A Stab Digitale Transformation: Prüfung der Prozesseffizienz im Umgang mit Wehrpflichtigen
- 21401 BSV Digitale Transformation: Prüfung der Prozesseffizienz bei der Regressabwicklung
- 21439 BWL Prüfung der Prozesseffizienz bei der Ablösung der Meldeplattform Heilmittel
- 21511 BAG Digitale Transformation: Prüfung der Prozesseffizienz Aufsicht über die Versicherer
- 19404 EDA Prüfung der Prozesseffizienz und der Datenzuverlässigkeit von E-VERA
- 21503 BGer Digitale Transformation: Prüfung des Projektes Justitia



The 9 audits planned in 2022

- •22207 SEM Prüfung des DTI-Schlüsselprojektes Erneuerung zentrales Migrationsinformationssystem mit Schwerpunkt digitale Transformation
- •22239 BJ Digitale Transformation: Prüfung Neubau Handelsregister-Applikationen
- •22301 ASTRA Digitale Transformation: Prüfung der Prozesseffizienz bei der Weiterentwicklung des Informatiksystems MISTRA
- •22355 GS-UVEK Digitale Transformation: Prüfung der Online-Verwaltung der Sonderabfälle
- •22452 ZIVI Digitale Transformation: Prüfung der Ablösung von E-ZIVI
- •22524 ESTV Digitale Transformation: Prüfung von Core-IT
- •22651 BAK Digitale Transformation: Prüfung der Digitalisierung des analogen Kulturerbes
- •22604 ALV Digitale Transformation: Prüfung der Digitalisierung Arbeitslosenversicherung
- •22742 BK (DTI) Metabericht zu Prüfungen zur digitalen Transformation



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The 4 audits planned in 2023

- 151 V (A Stab) Digitale Transformation: Prüfung der Prozesseffizienz bei der Ablösung von FIS Heer
- 245 BJ Digitale Transformation: Prüfung des Projektes zur Erneuerung der Handelsregister-Applikationen
- 384 BGer Digitale Transformation: Prüfung der neuen Plattform Justitia. Swiss
- 459 GS-WBF Digitale Transformation: Prüfung der Kernprozesse der Preisüberwachung

