

PRIVACY BY DESIGN

Overall identifiability paired with “Big Data” makes possible a dangerous creation of comprehensive **user profiles**, which can be used against the interests of the individual. In the architecture and the implementation the rules of “**Privacy by Design**” were followed right from the start. Thus no instance of user-related data can be aggregated in the system; therefore **comprehensibility** can be restored in case of insurance claims.

TASKS

As the supervisory body the Federation Authority ensures there are **unified and clear conditions** within the Federations (legal, technical, organisational) and accredits direct participants and auditors. In addition to this the IdFA, in case of litigation, acts as the primary **arbitration body**. Through the equality-based democracy embedded in statute the **balance of interests** is sustainably implemented.

LEGAL CERTAINTY

Despite pseudonymity the IdFA framework does not only make **legal certainty** possible, but above all also the simple **enforceability** through legal guidelines **in case of insurance claims**.

Local **contacts** in their own legal system make it easier for the user to become part of an overall cross-border system. As in the rest of business life the **fairness** of the measures here also has great significance for simplifying entry.



AUSTRIAN IDENTITY FEDERATION AUTHORITY

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Austrian
Identity Federation Authority
Definition | Governance | Arbitration

Governance body for federated
digital identities in Austria.

RELEVANCE

The **interconnection** of devices, systems and organisations can bring enormous **advantages** for the providers involved, as well as for people as users, and in addition to improving existing applications make totally new ones possible.

Today users must register with each of the providers individually and be subject to each set of conditions.

Due to low user acceptance the potential cannot be fully exploited. Therefore, users must today register with each of the providers individually and be subject to provider-specific terms and conditions. The Austrian Identity Federation Authority (IdFA) and its framework start from precisely this point.

AREAS OF APPLICATION

Processes supported by computer have not been **limited to PCs** for some time; rather they are rapidly taking over all areas of our lives, from leisure time to mobility right through to the “smart home”. Accordingly the demands on organisational structures and the **human-machine interface** are also varied and numerous. As different drivers affect different areas, the danger arises that subsystems that can not be operated together emerge, preventing dissemination.

The rules of the IdFA allow it however to be able to focus on specific system requirements, while nevertheless ensuring compatibility (**no silo thinking**).

IDENTITY IS MORE THAN IDENTIFICATION

“Identity” has **many definitions** and often for electronic identity (eID) is equated with the **identification** of a person by their name, date of birth etc., which greatly reduces possible areas of application. The **characteristics** which allow us the correct access at the right point in time are much more critical for applications. For many applications it is enough to know merely whether the user is a **member of a group**, therefore for example “student” or “employee of a company”.

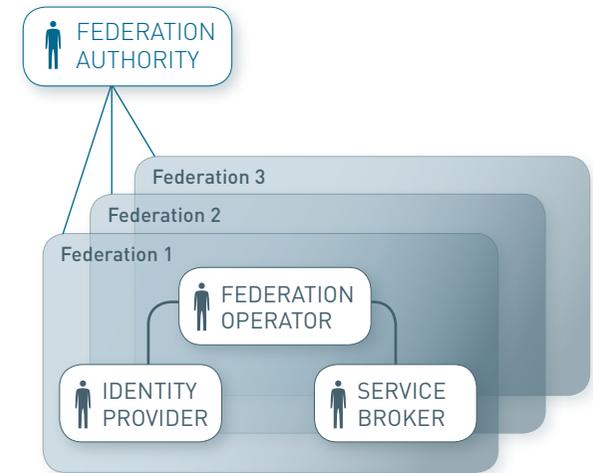
The architecture in the IdFA framework separates the identification from the attributes and thus manages to **counteract the transparent man**.

ARCHITECTURE AND ECO-SYSTEM

The underlying areas of application governed by the Identity Federation Authority are portrayed through so-called **federations**, each with their **own supervisory body**. In these federations the identity providers and service brokers, separately from each other, reset the clear **division** between **user interests** and those of the service providers. In this way the legal relationships are also clearly defined and scalability is made possible.

The IdFA framework defines the next authority up, the supervisory agency “Federation Authority” that cares for a stable **eco-system** in which, on the one hand, the **user** retains control of his identity and, on the other hand, all participants in the “Federation Authority” can have their say.

Multiple federations with common supervision



Concerned parties in a federation

