



INTERNATIONAL DATA  
SPACES ASSOCIATION



# IDSAs Rulebook

Info Package

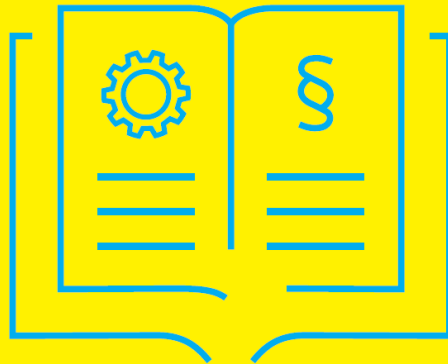
December 2022

**INTERNATIONAL DATA  
SPACES ASSOCIATION**



# The IDSA Rulebook

# IDS Rule Book



- Position Paper of members of the IDS Association
- Position Paper of bodies of the IDS Association
- Position Paper of the IDS Association
- White Paper of the IDS Association

## 1 Introduction

### 1.1 Who should read this rule book?

It is all about data. If your business has anything to do with generating or exchanging data or building/using data-driven ecosystems and business models, you should be thinking about data sovereignty. This book is for you.

This rulebook addresses:

- Peer-to-peer data sharing
- Data sharing ecosystems
- Data marketplaces
- Data-driven platforms
- Data-driven business models
- GAIA-X participants

### 1.2 Goals and scope

#### 1.2.1 Goals of the IDS

The IDS aims to unlock the data economy of the future by providing the blueprint for secure, self-determined data exchange among trusted partners. This is what's referred to as "data sovereignty," and it is vitally important, in light of the fact that data access and exchange are rapidly becoming critical success factors for both companies and entire economies.

Until now, companies have held vast amounts of valuable data that they have been unable to control, share or monetize on their own terms. The IDS has defined a reference architecture and a set of agreements that can be used to create virtual data spaces which establish trust among partners and a basis for innovative, new business models, products and services.

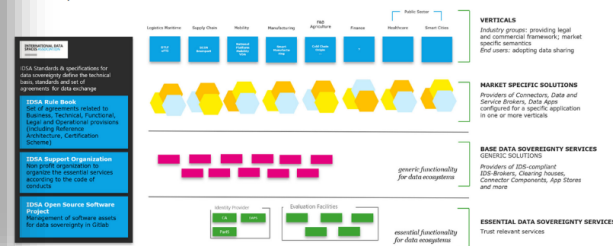


Figure 1 Overview: IDS enabled ecosystems

The IDS protocol is based on commonly accepted data governance models so that it can facilitate secure data exchange and easy linkage across disparate systems, industries and geographies.

### 1.2.2 The purpose and scope of the rule book

In order for the future data economy to function smoothly and deliver on its value proposition, all players need to abide by a common governance framework that specifies the functional, technical, operational and legal agreements that structure their roles and interactions within and across the various parts of the ecosystem. This book outlines that framework.

By following these rules and guidance, all players can work together to reach our shared goal of unlocking the full value of the global data economy. For the purposes of this book, the key roles in the IDS ecosystem are as follows:

1. **The IDS Support Organization:** Responsible for maintaining the rule book and for supporting its application. The IDS support organization helps coordinate key processes and as general governance instance a foundation for the realization of internal structures and interfaces to other parties.
2. **The essential service providers:** Responsible for providing the essential services needed by all participants. They build the source of common agreements.
3. **All users of IDS:** Users will need guidance on how to proceed within this framework to realize use cases on the foundation of a trustworthy infrastructure and governance.

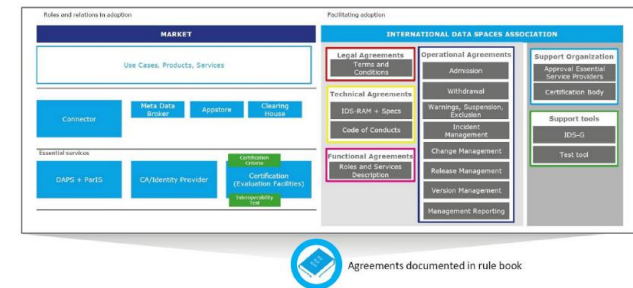


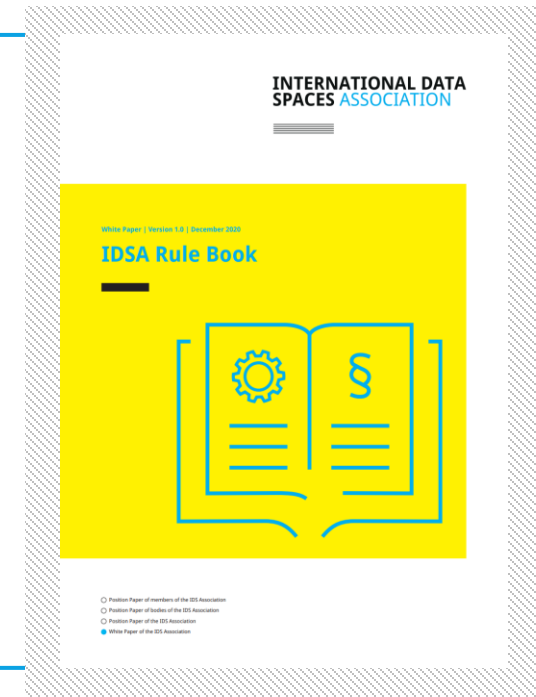
Figure 2 Overview: Rule Book scope and goals

# IDSA Rulebook

*Success factor for data spaces*



- describes the **technical, operational, and legal agreements** to enable the IDS ecosystem to be fully working in a real-world scenario.
- outlines a **common governance framework** that all players need to abide to, for a smoothly running future data economy.
- is **industry-agnostic**, and applicable in all verticals as a **horizontal standard**.



# IDSA Rulebook

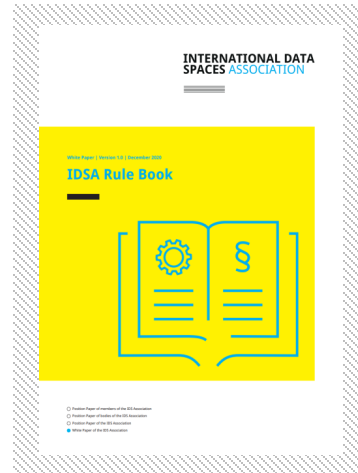
What is it about?

## 1 Functional agreements

- Separation of duties
- Role model, definition of essential and base services
- Continued definition on Support Organization
- Scheme Ownership

## 5 Legal agreements

- What technology can't fix
- Legal agreements and Usage Policy enforcement



2

## Technical agreements

- Specifications for the Standard
- Relationship to IDS-RAM and specifications on IDS-G
- IDS Certification
- Interoperability testing and compliance proof

3

## Administrative agreements

- Handbook for Support Organization
- How to build operating companies
- Rights and duties of IDSA and operating companies

4

## Maintenance agreements

- Towards reliable developments
- Comprehensive Life Cycle of IDS
- Open-Source Contributions for IDSA
- Policies for essential Services

IDS-RAM

Specifications

Lifecycle

Certification

Operations

*The core of data spaces*

*Binding details*

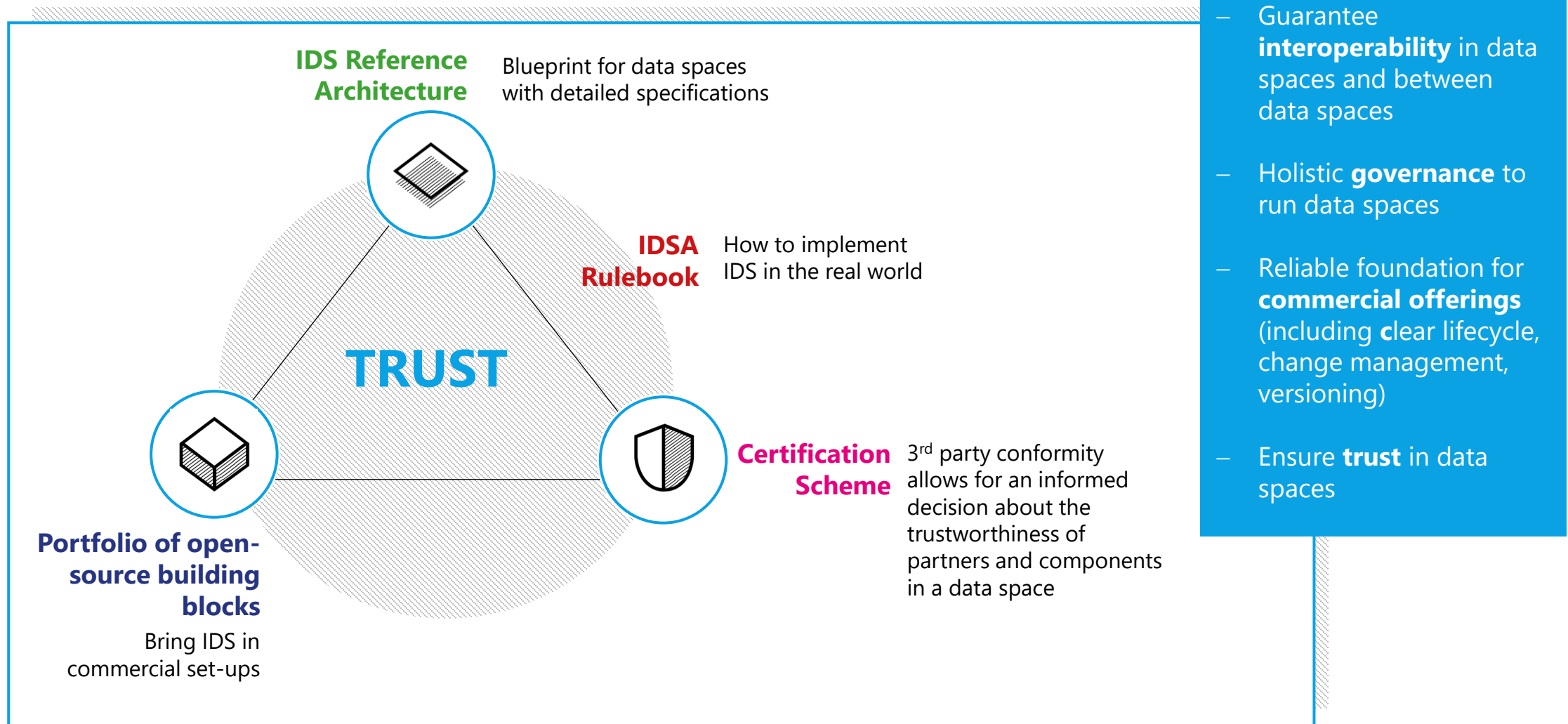
*Reliable planning*

*Proof of compliance*

*Use in practice*

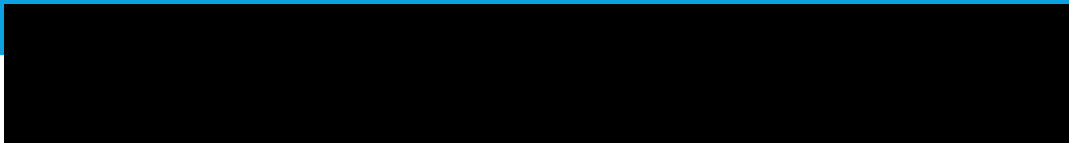
# The magic triangle

*IDSA as reliable base for data spaces*





# Rulebook Working Group



# IDSA Rule Book Working Group

*Catching up!*



## Working Group Rule Book

- In 2022 IDSA has set up a new Working Group for the Rule Book
- Rule Book development process will be in line with the IDSA operational Handbook process
- The Working Group Rule Book is open for every IDSA member
- The group must continuously align with European Rule Book endeavors, e.g., Design Principles for Data Spaces.
- The group meets on a monthly base, the first Tuesday of the month, 12:30 – 14 CET.



## What is the Rulebook

- The Rule Books is the document containing all **functional, technical, operational and legal agreements to set-up and operate data spaces based on IDS.**
- It connects the IDS-RAM and IDS Certification to the operational viewpoint
- The maintenance and reliability of the IDS as an industry standard is based on it.



# Ongoing work

## *Rulebook 2.0*



**Under preparation**

- Rulebook 2.0 is currently under preparation by the Working Group.
- Its publication is planned for the end of December 2022 / beginning of January 2023.

# Contribute to the Rulebook Working Group

*Reach out to*



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