



Sharing Security Intelligence (Big) Data via a Secure Digital Market Place

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COMMIT/



Sharing Big Data Assets between different organizations needs:



Clearly defined and agreed common **benefit** (defining the group's identity)



Common group rules governing use, access and benefit sharing.



Organizing trust amongst group members as **means to reduce risk**



Infrastructure supporting **implementation of trust** whilst ensuring **autonomy**

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Trust as a means to reduce risk

Risk:

- Compliance
- Liability
- Disclosure
- Ownership
- Intellectual Property
- Additional oversight
- etc., etc...



Means:

Trust and **power** are both means capable of reducing risk

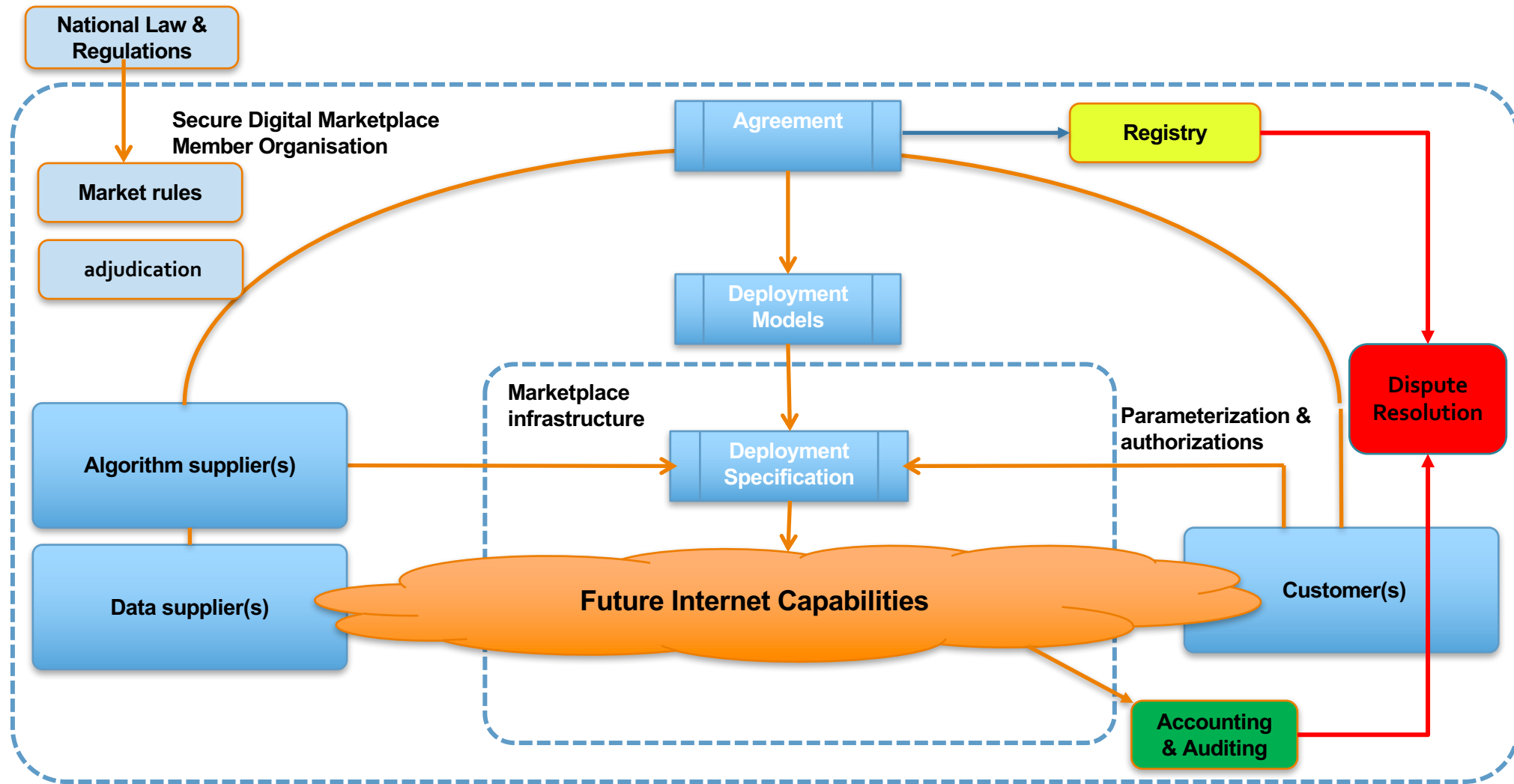
How to organize trust and power? -> **The Secure Digital Market Place concept**

Secure Digital Market Place to create trust allowing data sharing according to member organized **market rules** and subsequent **contracts** between autonomous members.

- Digital Market Place (DMP) is a member organization as **independent legal entity**.
- Goal of the DMP is to **organize trust between members** wanting to gain a particular common benefit no single member can gain on its own.
- Members of the DMP can be supplier or a consumer or both.
- All members have **equal rights** within a DMP
- DMP is **governed by a board of members** in which all members participate
- DMP establishes regulation consisting of **market rules and admission requirements**
- DMP appoints a **market master** in charge of market operations
- DMP establishes regulation for **conflict** settlement
- DMP appoints an **adjudication committee**
- Members can obtain rights (licenses) from the DMP within the framework of the DMP regulation to act in a particular defined market role.
- **What elements of the DMP can be digitized?**



Secure Digital Market Place architectural sketch



SARNET Secure Digital Market Place sketch

