Intelligent, Interoperable, Integrative and deployable open source MARKET place backplane with trusted and secure software tools for incentivising the industry data economy
Agenda

PART 1
- Overall introduction
- Wide variety of integration use cases
- Market Place integration life cycle
  - On Boarding Focus
  - Run Focus
  - Off Boarding Focus

PART 2
- Why a meta DPIA?
- Regulatory environment
- 2 steps Consent management

PART 3
- Stakeholders' dependency overview
- Marketplaces Commitments
- Key Take aways
Overall introduction

DPIA and Meta DPIA

- Data Privacy Impact Assessment
- Risk based approach
Overall introduction
Data exchange description

- Interoperability
  - SDK, Hosting diversity capacity (on MKT place premise, on cloud, MIX)

- Intelligent
  - Smart contracts, semantic engine (for large taxonomy of data traded), conflict resolution, Blockchain based architecture

- Integrative
  - SDK (to be integrated by MKT Place), Wallet, Examples of GUI ready to be used
Large variety of integration use cases

- Automotive pilot - ATOS
  - GUI available
  - Data feed

- Industrial pilot - SIEMENS
  - DB feed already developed
  - No GUI

- Well-being pilot - IBM
  - Sensitive Data Management
On Boarding Focus

- Commitment
- Integration
- Granting
RUN Focus

- Release Mngt
- Data monetization
- Conflict Management (Consumer/Provider)
Off Boarding Focus

- Exit conditions
- Manage Diversity of situations (Change MKT Place...)
- Data retention rules
Why a meta DPIA?

- New technologies involved (Semantic Engine, Blockchain, WEB3 ready)
- The backplane only acts as a **joint data controller**
  - Backplane induce an ecosystem
  - No personal nor sensitive data manipulation (only meta data)
- Promote the ecosystem data protection
  - Generate a framework available for each SME willing to join
  - The Meta DPIA brings trust to the ecosystem
  - Each Market place will have a "**ready to operate**" DPIA based on this Meta DPIA
Regulatory environment

- GDPR – Key principles
  - Into force in May 25th, 2018: mainly here Articles 6. 12. 35...

- AML directives
  - Applicable to all trusts and similar legal arrangements

- Possible extensions
  - Data Act (Single Market for all connected objects)
  - Digital Market Act (March 25th, 2022)
  - DSA (Digital Service Act - April, 23rd, 2022)

I3 market shall respect various laws, regulations and directives as it is an innovative financial and legal ecosystem

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2 steps Consent management
Stakeholders dependency overview

- 3 Levels of responsibility
  - Data Controller (Left)
  - Joint Controller (Middle)
  - Data Processor (Right)
Marketplaces Commitments

- **Record of processing activities**
  - The actors involved (controller, processors, representative, joint controller, etc.) in the data processing;
  - The categories of data processed;
  - The purpose of the processing (what you do with the collected personal data), who has access and who are the recipients of the personal data;
  - For how long you are retaining the personal data;
  - The technical and organizational security measures implemented.

- **Data protection**
  - Ensure data minimization during the API calls
  - Ensure that any alert raised can be accessible to any users
  - Guarantee developers' loyalty
  - Provide the consent forms to data owners and providers

- **Security**
  - Inform the users about their responsibilities regarding data sharing
  - Sensibilize users about their computer's local safety
Key Takeaways

- **Privacy**
  - GDPR compliant thanks to:
    - Consent Mngt
    - Data portability

- **Security**
  - Data Transfer
  - Data retention rules
  - Encryption mechanisms

- **Novelty**
  - Chain of various actors over data lifecycle
    - Each I3M user can change its status (Data owner, Provider, consumer)
    - Data monetization with tokens fees for infrastructure costs & development community

- **Legal terms of use of I3M**

- **Code of conduct most probably part of our delivery**