

# Aspetos Profissionais e Sociais da Engenharia Informática



**FLEXIGATHER**

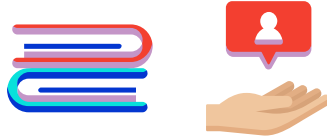
Event Management System

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# FlexiGather - Context



**The event management industry  
faces constant challenges.**



**Develop an integrated management  
system for the events:**  
Participants info, medical info, entry and  
exit system, etc ...



**Capable of handling large  
volumes of audiences in an  
organized way.**



# How are we going to monetize ?

**Each event organizer**

**potential clients**



**tens of thousands  
participants**

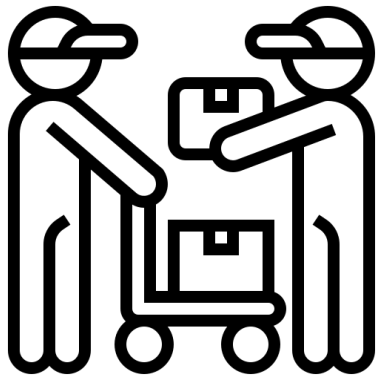
**For each events**



**Contracts**



**Merchandise**



## Our major suppliers/sponsors



01

**Service Hosting**

Azure



02

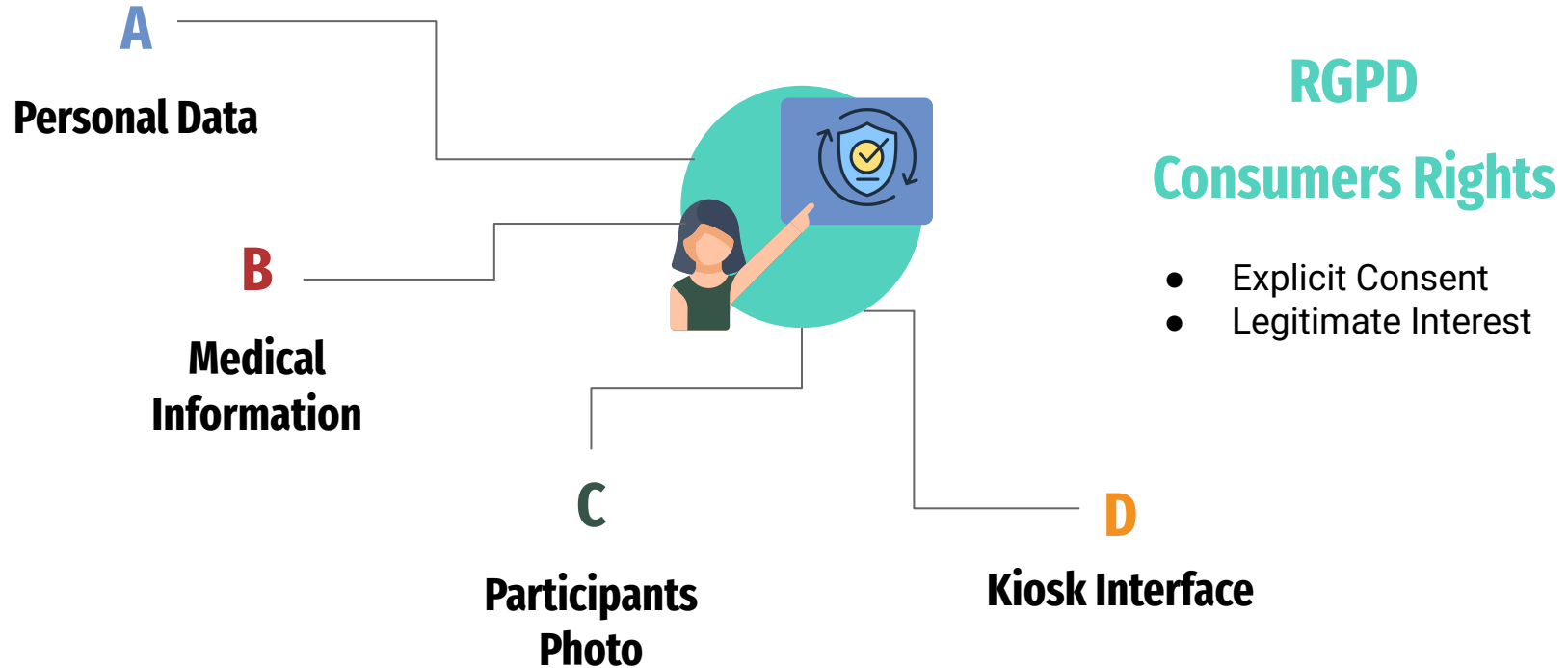
**Hardware**

NFC band

nfc.pt



# Regulatory Framework



# Scale Effect

**Scalability of Event  
Size and Type**

**Current System  
Limitation**

**Horizontal Scalability**



**Future Scalability  
Enhancements**

**Growth Projection**

**Cost Efficiency**

# Intellectual Property Aspects



01

**FlexiGather Brand**

02

**FlexiGather Logo**



# Open Source Software aspects

## Licenses of OS software used



**MIT**

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**BSD-3**

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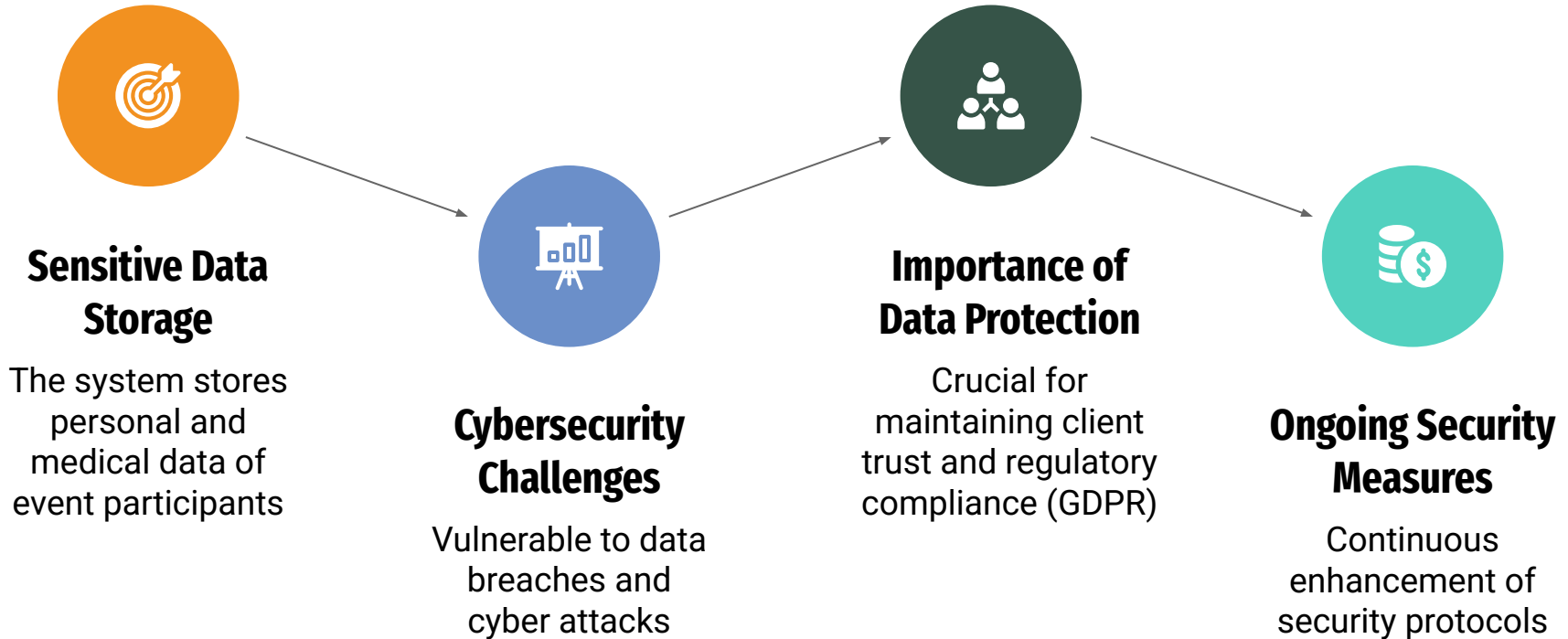


**Apache 2.0**

**Modifications:** If you modify the source code and distribute it, you must state that you have changed the files and include a prominent notice stating what changes were made.



# Cybersecurity Problems



# Major Cyber Attacks

**Phishing**

**DDoS**

**SQL Injection**

**Malware/  
Ransomware**



**Social Engineering**

**Data Exfiltration**

**Man-in-the-Middle**

**Zero-Day Exploits**

# Legislation Compliance

## GDPR

Ensures protection of personal and sensitive data within the EU

## NIS Directive

Enhances security of network and information systems across the EU



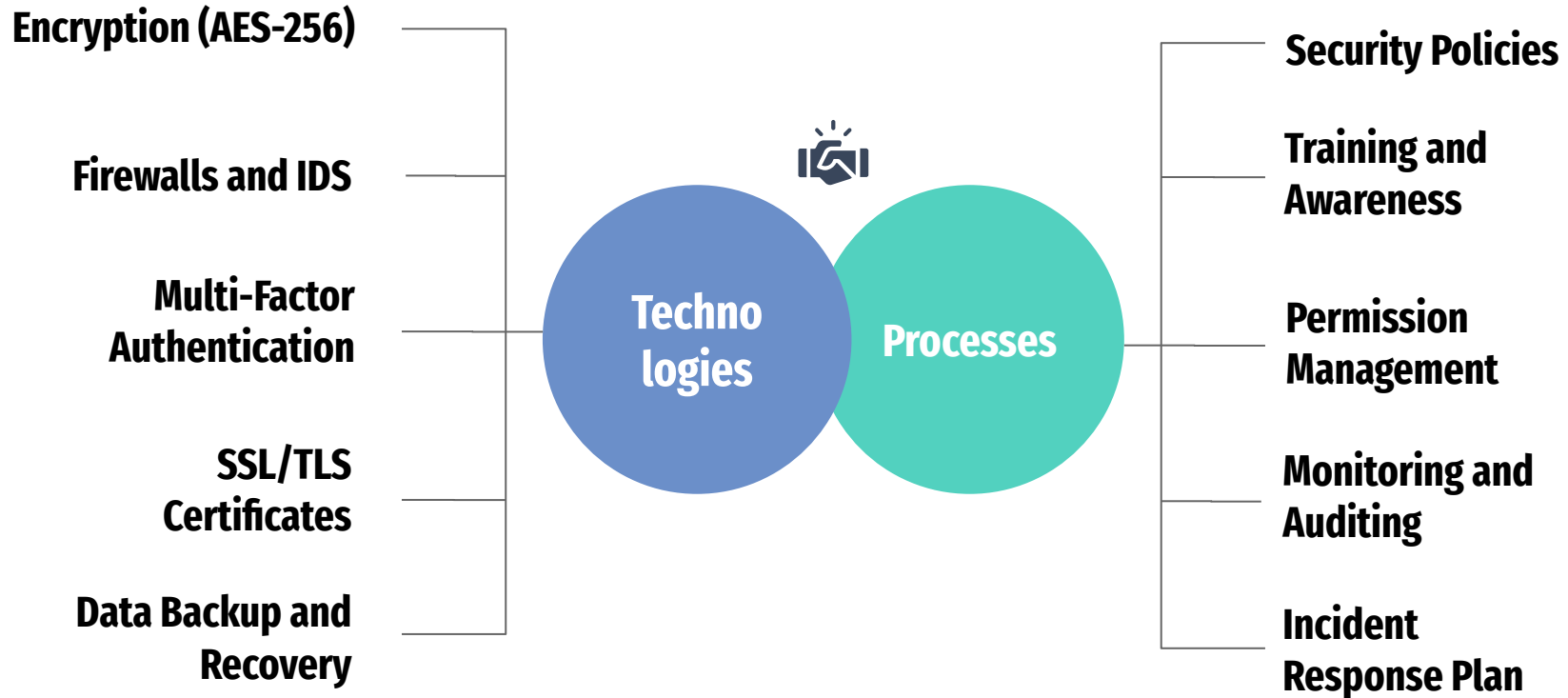
## HIPAA

Applies to handling medical data of US citizens

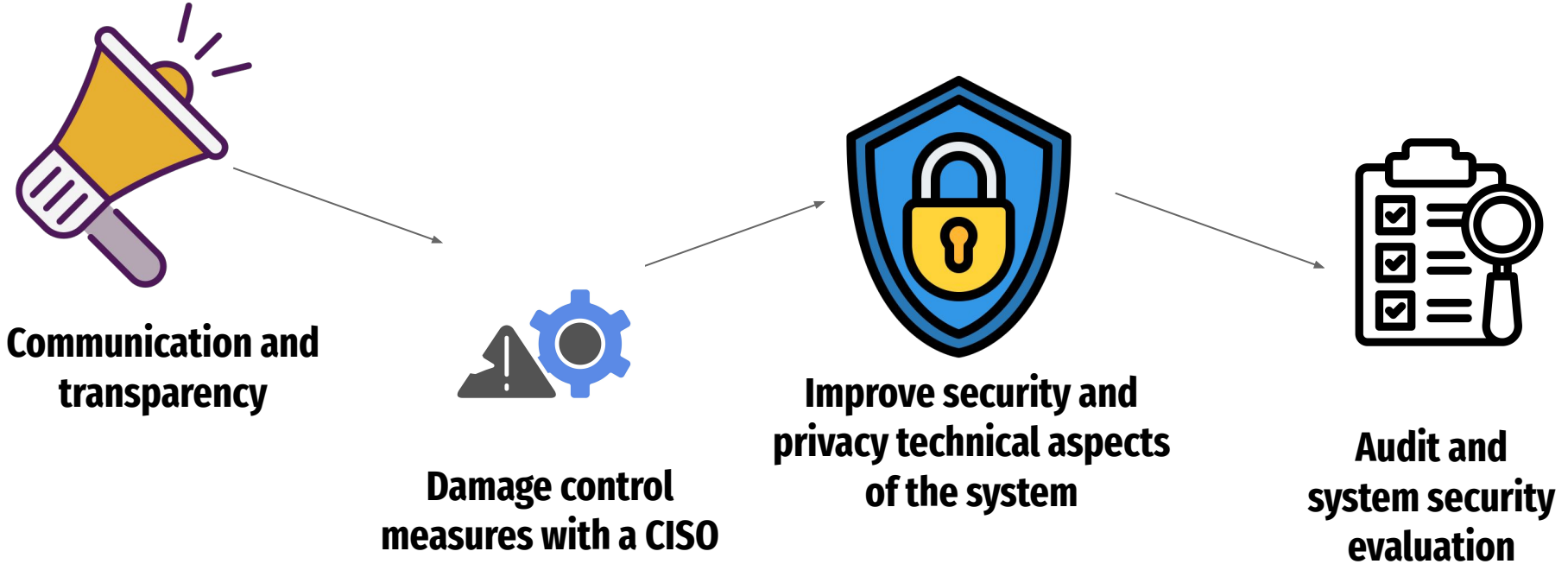
## ISO/IEC 27001

Adheres to international standards for information security management

# Cybersecurity Compliance and Implementation



# Post-Data Breach Recuperation Plan



# Privacy Protection



**Essential Privacy  
Protection**



**Key Security  
Measures**



**Continuous  
Monitoring and  
Audits**



**Technical  
Solutions**



**Legal Request Response  
System**

# Ethics



- Participant Identification through **Photo**

▼ AI

| 0%



# Hyperscalers

01

Which?



Microsoft  
Azure

02

For what?

Cloud storage, tools to  
manage and monitor  
data

03

Obstacles

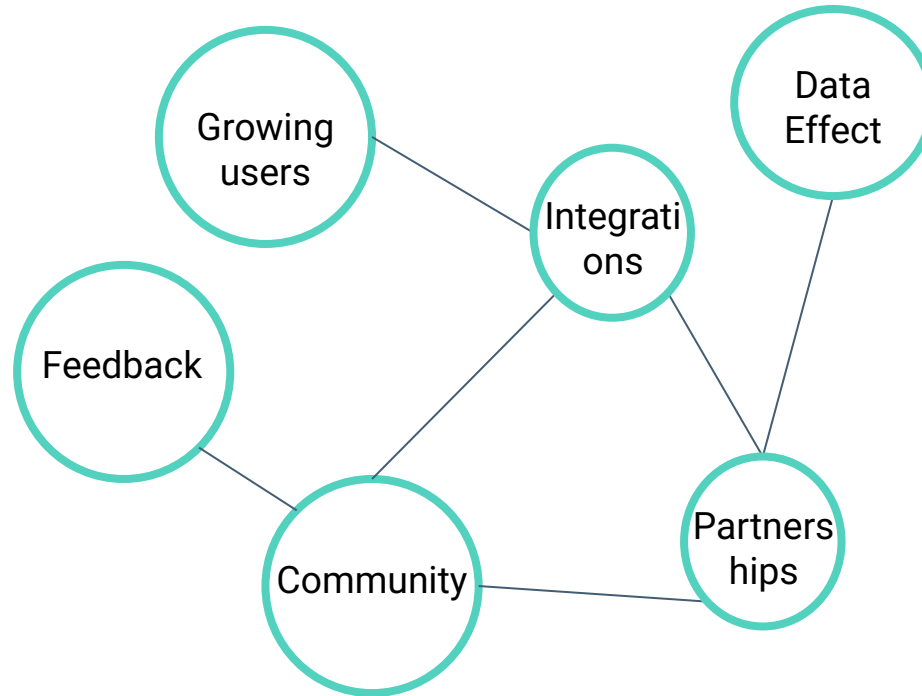
- RGPD
- DIS





# Network Effects

## Positive Effects





# THANK YOU