

Privacy Impact Assessment

The Research point of view

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Research Activities

Video Analysis for Surveillance (2D/3D)

Object Recognition and Tracking

Activity Recognition

Sentiment Analysis

Event Recognition

Biometrics



Data Privacy as a Requirement

Growing...

Public Awareness

Corporate Awareness

Awaiting...

EU Regulatory rules

National legislation updates



Data Privacy as an Advantage

Paving new research directions

Privacy protection technologies

Developing PbD methodologies

Sustaining a competitive advantage

Aligning to the values of a culture

Reduce barriers for new technologies

Improve stakeholder satisfaction

Increase societal impact



In-House Data Protection

Data Control

Secure storage

Access management

Data processing

Central processing facilities

Letter of Confidentiality

Secure storage of products



Why PIA?

Open Questions

Are we doing enough?

How much risk is mitigated? Is it justified?

How do we perform in system level?

Are we legally covered?



Privacy Impact Assessment



The ADVISE experience



Data Capturing

Informed Consent

MoU

Data Control

Secure storage

Access management

Data Processing

PbDesign Architecture

PbDefault Functionality

PIA



Challenges faced...

...in Implementation

Time consuming
Lack of common language

...in Effectiveness

Identification of privacy-related data
Function creep prediction
Cross-domain risks

...in Risk Management

Risk assessment
Risk mitigation



Assessing PIA effectiveness

Self-Assessment relies on the stakeholder

Risk of misuse spread across the chain

Multi-participant PIAs is a challenge



The next challenge



LARGE SCALE INFORMATION
EXPLOITATION OF FORENSIC DATA



Thank you
for you attention

