

MANAGING THE RISKS OF ARTIFICIAL INTELLIGENCE

UPCOMING AI REGULATION REQUIRES ACTION

Artificial Intelligence is a key technology, but new challenges and risks arise from using it. The organizations that anticipate their individual needs for actions and implement corresponding organizational and technical measures tailored for AI will achieve long-term success with AI. We at Protiviti are here to support scaling your AI business while managing its risks effectively.

Without special care, AI projects will fail

AI helps organizations achieve their goals of driving digitization, developing innovative products or services and strengthening their competitiveness across almost any industry. Besides the tremendous potential of AI, we need to be aware that AI is not like traditional IT-systems: performance is highly dependent on data quality, new roles and responsibilities need to be integrated into existing organizational structures and additional information security requirements need to be addressed. Protiviti helps you manage these challenges.

What is regulated by the upcoming EU AI law?



MACHINE
LEARNING



DEEP
LEARNING



LOGIC- & KNOWLEDGE-
BASED APPROACHES



STATISTICAL
APPROACHES

Many systems already used in production and usually considered as "not AI" are likely to fall within the scope of the regulation



»The impending EU regulation for AI needs to be taken seriously as it will substantially change the requirements for AI governance.«

ANDREJ GREINDL, MANAGING DIRECTOR

Regulation of AI is coming at fast pace

Not only do AI systems perform poorly if the aspects mentioned above are ignored, but it can cause great financial and reputational damage. Therefore, organizations and regulators are seeking for measures that foster secure and responsible development and operation of AI. The proposal of the European Commission for an Artificial Intelligence Act (AIA) is currently top of the list. It is expected to have a similar impact as the General Data Protection Regulation (GDPR), with obligations including:

- the establishment of an AI-oriented risk management system,
- implementation of data governance measures,
- creation of technical documentations and log management,
- transparency and information requirements and human oversight,
- measures for accuracy, robustness and cybersecurity.

Non-compliance with the AIA can have costly consequences, as fines can be up to 30 million Euro or 6% of a company's

Especially AI systems classified as high-risk are obliged to fulfill a range of requirements



ESTABLISH
AI-ORIENTED
RISK MANAGEMENT
SYSTEM



IMPLEMENT
DATA GOVERNANCE
MEASURES



INCLUDE AI SYSTEMS
IN LOG MANAGEMENT



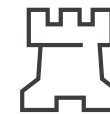
CREATE TECHNICAL
DOCUMENTATION OF
AI SYSTEM



PROVIDE
TRANSPARENCY
AND INFORMATION



ENSURE HUMAN
OVERSIGHT
FOR ALGORITHMS



ACCURACY,
ROBUSTNESS
& CYBERSECURITY



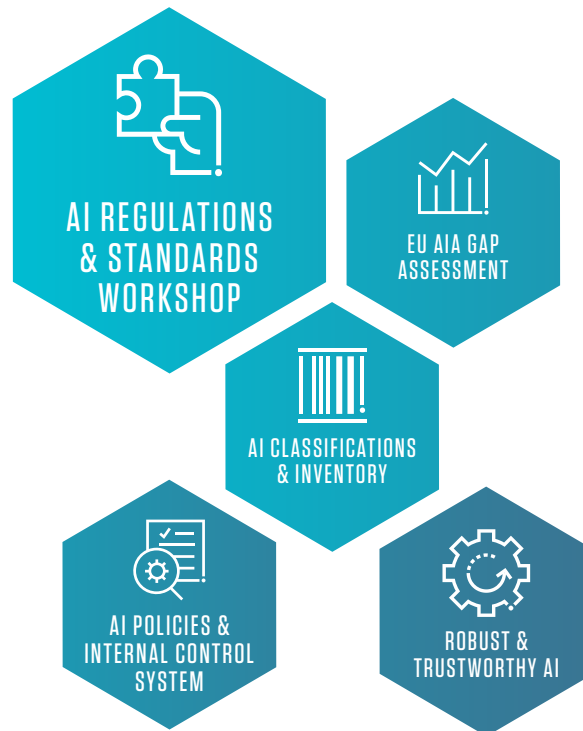
85 | 28 | 7000
Locations | Countries | Employees

Protiviti advises companies hands-on and on a par in the areas of strategy, organizational transformation and optimization, ESG, digital transformation, risk management, internal audit and control systems, compliance, and IT. Together, we find individual solutions to position your company for years to come. Face the Future with Confidence.

total worldwide annual turnover. Most importantly, according to the current version of the AIA, in addition to typical AI techniques such as machine learning or deep learning, statistical approaches or logic- and knowledge-based approaches also fall under the definition of AI. Therefore, organizations need to react immediately, as it is very likely that systems already used in production will be regulated by the new law.

Now is the time to act – and we are here to support you with our expertise.

Protiviti supports you in aligning AI with compliance requirements



CHECKLIST

OUR AI SERVICES



ROADMAP

Together with you, we will create an individual catalog of measures that contains all the important steps for the safe use of AI.



ANALYSIS

We analyze your current status and help you gain an overview of ongoing and planned AI initiatives.



CONTROL

We support you in the procedural and technical development of AI-specific monitoring measures for correct operation.



COORDINATION

We create interdisciplinary AI awareness among your employees for a coordinated scaling of AI growth.



COMPLIANCE

We are at your side with our expertise in all AI regulations relevant to you.

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