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STANDARDS
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IEEE CertifAIEd

CREATE PROFILES OR USE CASES FOCUSED ON INDUSTRY VERTICALS

Each IEEE CertifAIEd criteria suite can be tailored and provides stratified ethical requirements associated with adaptive-risk management properties that can be effectively applied to best understand the ethicality and human-centricity associated with your AI product, service, or system.

The criteria were developed in an open manner through the Industry Connections Ethics Certification Program for Autonomous Intelligent Systems (ECPAIS). They were further developed by a dedicated smaller team of experts that advanced the criteria from their baseline definitions.

Fulfillment of criteria provides you with greater assurance that your AI product, service, or system has been designed, developed, deployed, monitored, governed, and decommissioned in an ethical way.

The unique CertifAIEd criteria structure serves the challenges of upholding ethical integrity in several ways. It provides:

- A deep and comprehensive analysis about how the various elements may influence ethical quality.
- Flexibility for a range of situations and requirements, which may be expanded over time as the sensitivity of duties and mission criticality of an autonomous system increases.
- A measurement scale for every individual element that enables granular metrics that support and encourage the achievement of improved ethical practices over time.

Flexible, Adaptive Approach

This approach makes it easy to flexibly and rapidly adapt to ongoing changes, and also enables you to specify elements that are Informative (provided for consideration) as a technology remains experimental, but may become Normative (obligatory) in future versions.

Ultimately, implementation against the criteria helps organizations to respect human beings, being fully cognizant of their dignity and wellbeing, thus protecting and preserving fundamental human rights.

By licensing the criteria, you can:

- Develop customized ethical specifications that have been contextualized to your AI application or industry

- Integrate relevant ethical criteria into your organization's SoPs
- Integrate into other standards or certification portfolios as a part of a larger offering set
- Implement software-based certificates on platforms
- Develop supportive tools and training for ecosystem usage
- Develop instructor-based CertifAIEd training and examination for personnel certification and credentialing of Assessors
- Deliver key education about specific methodologies to address applied ethical design practices for AI
- Provide direction towards regulatory compliance.

For more information, contact us at certifaied@ieee.org.

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