# Generative AI use cases

Ad hoc group WG 5–42–001 – to advance ISO/IEC 27091
Contribution Antonio Kung

# Generative AI in use cases

- ISO/IEC 24030:2021 AI use cases and ISO/IEC 27563 Security and privacy in AI use cases – Best practices

  - 132 use cases

  - https://standards.iso.org/iso-iec/tr/24030/ed-1/en/Use+cases-v05_electronic_attachment_022021.pdf

  - https://standards.iso.org/iso-iec/tr/27563/ed-1/en/Security-privacy-24030-ed-1-AI-use-cases.pdf

- ISO/IEC 24030 Ed2 DTR:

  - 187 use cases

  - https://standards.iso.org/iso-iec/tr/24030/ed-2/en/

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**ISO/IEC JTC 1/SC 27**
Information security, cybersecurity and privacy protection

# Generative AI in use cases impact on privacy

- ISO/IEC 24030 Edition 1 has the following use cases
  - A.15 Generative design of mechanical parts. Generative design (negligible)
  - A.64 AI situation explanation service for the visually impaired. Generative adversarial nets (GAN) (maximum)
  - A.65 Social humanoid technology capable of multi-modal context recognition and expression. Generative adversarial nets (GAN) (maximum)
  - A.66 Expansion of AI training dataset and contents using artificial intelligence techniques. Generative adversarial nets (GAN) and Generative models (significant)
  - A.71 Active antenna array satellite. Generative network (negligible)
  - A.116 Generation of computer tomography scans from magnetic resonance images. Generative adversarial nets (GAN) (maximum)
  - A.130 Syntelly - computer aided organic synthesis. Deep generative models (negligible)

- ISO/IEC 24030 Edition 2 has the following use cases
  - A.15 Generative design of mechanical parts. Generative design

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