

Strategic Plan: Cybersecurity & Artificial Intelligence (AI) Policy

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OC SAN
ORANGE COUNTY SANITATION DISTRICT

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Cybersecurity Challenges

- What are the opportunities?
- What are the risks?
- Do the opportunities outweigh the risk for OC San?



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OC San's Cybersecurity Measures

OC San has significantly expanded its cybersecurity capabilities over the past several years.

OC San now maintains a 24/7 Security Operations Center (SOC)-as-a-Service, staffed security roles, and a comprehensive portfolio of protection measures.



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Multi-Phase Approach

- Early Adoption Stage
- "Crawl-Walk-Run" Maturity Model
- AI Use Guidelines in place
- AI & Data Analytics User Group
- Pilots with Microsoft Copilot and ChatGPT
- Staff education from industry leaders



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AI Categories

- What are the categories of AI?
- What is the difference?
- Why is this important?



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Our Initiative

As both cybersecurity and AI continue to evolve, OC San will align its strategies with emerging best practices and maintain governance frameworks that address key risks such as data privacy, misinformation, algorithmic bias, and system integrity. By integrating security and innovation, OC San aims to responsibly adopt new technologies that enhance service delivery and protect public trust.

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Summary Policy Statement

OC San is committed to building and maintaining resilient, secure, and ethically governed technology systems. This includes a robust cybersecurity posture and the responsible adoption of Artificial Intelligence (AI), including both generative AI and advanced operational AI. As OC San advances its digital transformation, the agency must ensure that its technology practices safeguard data, systems, and operations, while also leveraging innovation to improve service delivery, operational efficiency, and decision-making. This policy outlines OC San's dual approach: securing our digital assets from evolving threats and strategically implementing AI in a phased, ethical, and transparent manner aligned with organizational goals.

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Questions?

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