



# ARTIFICIAL INTELLIGENCE

**End to End Enterprise Solutions Inc. (E3S)**, is an advanced technology (AI/ML, Cybersecurity, Blockchain) and professional services company that operates in sectors including defense, government, intelligence, energy, finance, manufacturing, healthcare, and transportation. Founded in 2012, and located in Virginia, USA, E3S is SBA 8(a) Certified, Service-Disabled Veteran-Owned Small Business. E3S' AI/ML expertise includes development of Intelligent & Autonomous Systems, Digital Twin & Prognostic Health Systems, Model-based Engineering & Rapid Prototyping, and Crisis Management Decision Support across the public and private sector organizations.

## ADVANCED TECHNOLOGY

- Custom Computer Programming
- Computer Systems Design
- R&D – AI & ML research to Cyber Research
- BPI for Defense, Biomedical and autonomous vehicles
- Emerging Tech – Blockchain, AR, SD-WAN, AI, or Cloud-based apps (SaaS, PaaS, IaaS)

## AI/ML

- Deployment of Integrated Cognitive Computer Systems
- Intelligent & Autonomous Systems
- Model-based Engineering & Rapid Prototyping
- Digital Twin & Prognostic Health Systems
- Crisis Management Decision Support

## AWARDS & RECOGNITION:

2021 recipient of the NASA Group Achievement Award for outstanding performance on the NextSTEP-2 Gateway Habitation demonstration. Recognized for expertise in designing, testing, and deploying capabilities that help critical systems operate more autonomously and efficiently.



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**NAICS Codes** 541511, 541512, 541513, 541600, 541611, 541618, 541620, 541690, 611420, 511210, 518210, 541430, 541720, 541211, 561110

## PAST PERFORMANCE

### National Aeronautics and Space Administration (NASA)

The development, enhancement, and improvement of SSC's NASA Platform for Autonomous Systems (NPAS) and NPAS applications to support NASA's ground and space operations.

### Stennis Space Center

Providing capabilities that can be used on ground systems, as well as those needed to enable sustainable exploration of the Moon and beyond.

### Federal Emergency Management Agency

#### (FEMA) NFIP Pivot O&M

Maintaining the existing applications at United States Department of Agriculture (USDA) Digital Infrastructure Services Center (DISC) hosting facility. Continuously improving and evolving Pivot's product architecture, user experience, Agile development, and DevSecOps practices.

### U.S. Navy Aegis shipboard Tactical

#### Graphics Workstations

Embedded systems, full life cycle development and manufacturing: Development of firmware for embedded multiprocessor based digital television generator. Systems engineering and integrated product development team lead.

**SUCCESS!** Full life cycle development and successful delivery of systems to Navy. Includes deployment and integration at naval shipyards.

## CERTIFICATIONS

SINGULARITY-IT™



FedRAMP



Contract Holder



U.S. Small Business Administration

