NAS Enterprise Architecture



Infrastructure Roadmaps v19.1

BASELINE

May 2025



Infrastructure Roadmap Overview

What are the Infrastructure Roadmaps?

- The FAA Infrastructure Roadmaps show the progression of system deployments, investments, and key decision points for major NAS acquisitions. They depict the acquisition strategy to evolve the NAS from the As-Is to the To-Be environment.
- The Infrastructure Roadmaps show all <u>Capital Investment Plan (CIP)</u> investment projects and systems identified in the NSIP that will deliver the necessary functionality to enable OIs and BTIs.

Guidelines for Understanding the Roadmaps

AES/2040 Vision Activities

2024 2025 2026

Timeline (Calendar Year)

- The Infrastructure Roadmaps are organized by Domain (Automation, Communication, etc.) and depict projects, systems, services, decision points, and support activities.
- The timeline is in calendar years and shows a 17-year outlook.
- The roadmaps have swim lanes for Infrastructure (white), Support Activities (green), and Platform/Compute (purple).

XYZ Planned Support Activity

XYZ | Planned / Unfunded (Applies to any fill color type)

- The DP diamonds represent the quarter in which a decision will occur.
- The Support Activity bars represent the dates that work is being performed on the activity.
- The Project bars represent the dates that CIP funding is allocated to a project.
- The System and Service bars represent the dates that a system or service is operational, with red lines indicating sustainment, drawdown, or convergence

Infrastructure Roadmap Legend Roadmap Shapes Information Decision Point Shapes Information Milestone Decommission **Decision Point Fill Colors** Number System / Service / Support Activity AMS Decision Point (CRDR, IARD, IID, FID, BCD) **System Successor** Strategy (JRC) XYZ Project System in Draw-Down Mode Milestone (Regulatory) Strategy (Other) NextGen Project **Support Activity** XYZ (Denoted by G CIP Number) Milestone (Other) Secondary DP XYZ Other Architecture Object Support Activity which is primarily tracked on another NAS EA Roadmap XYZ Facility Type **Decision Point Border Styles**

Future Baselined Completed Planned / Unfunded

High Visibility

Information Systems Security

The Information Systems Security roadmap represents the evolution of existing or planned information security services and capabilities to protect NAS systems and data from the continuous cyber threat. The roadmap depicts the information security-related services from the Enterprise Services Roadmap and the supporting policy development activities, feasibility studies, and prototypes to enable the ISS capabilities.