



# Next Generation Air Transportation System

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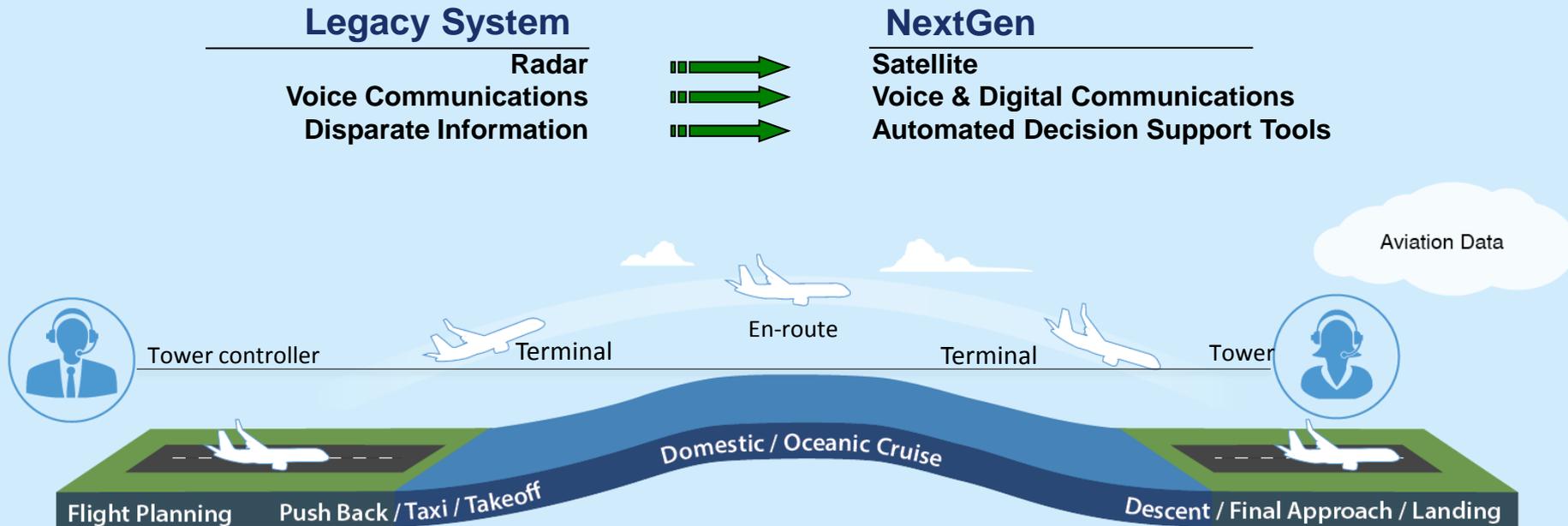
Assistant Administrator for NextGen

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**FAA**

# Delivering NextGen Major Investments



## NextGen

Automatic Dependent Surveillance-Broadcast (ADS-B), System-Wide Information Management (SWIM), Data Comm, National Airspace System (NAS) Voice System (NVS), Terminal Flight Data Manager (TFDM)

## Foundational

En Route Automation Modernization (ERAM)  
Terminal Automation Modernization/Replacement (TAMR)

# NextGen Priorities Progress to Date

Focus Area	Completions to Date
MRO	<ul style="list-style-type: none"> <li>■ Wake Recat ATL, CVG</li> <li>■ Wake Recat IAH, HOU</li> <li>■ Wake Recat JFK, EWR, LGA</li> <li>■ Wake Recat, CLT</li> <li>■ Dual Independent Parallel Ops ATL</li> <li>■ Safety Analysis WTMA-P PHL, DTW</li> <li>■ Safety Analysis WTMA-P ATL</li> <li>■ Safety Analysis 7110.308 SFO</li> <li>■ Wake Recat ORD, MDW</li> <li>■ FID for WTMD</li> </ul>
PBN	<ul style="list-style-type: none"> <li>■ Single Site Assessment – Las Vegas</li> <li>■ EoR Widely Spaced Operations DEN</li> <li>■ Northern California Metroplex</li> <li>■ ELSO National Standard</li> </ul>
Surface	<ul style="list-style-type: none"> <li>■ Surface Surveillance Event Data SFO</li> <li>■ TBFM Data Sharing via SWIM</li> <li>■ TFMS Data Sharing via SWIM</li> <li>■ Feasibility Assessment AEFS NY</li> <li>■ Feasibility Assessment TFDN Program Departure Management</li> <li>■ AEFS CLE ATCT</li> <li>■ SWIM SVT Deployment 5 TRACONS</li> <li>■ TBFM Wheels Up Procedural Change (i)</li> <li>■ Airport Operations as CDM Participants (i)</li> <li>■ Simplify Application for SWIM Data (i)</li> </ul>
Data Comm	<ul style="list-style-type: none"> <li>■ FID for “Initial” En Route Services</li> <li>■ Recommendations for Recorder Rule for Retrofit (i)</li> <li>■ <b>Departure Clearance Tower Services SLC</b></li> <li>■ <b>Departure Clearance Tower Services IAH</b></li> <li>■ <b>Departure Clearance Tower Services HOU</b></li> </ul>
FAA TOTALS (Score Card)	<p><b><u>29</u> Commitments Complete</b></p> <p><b>Bold = Completed Recently; (i)= Industry</b></p>

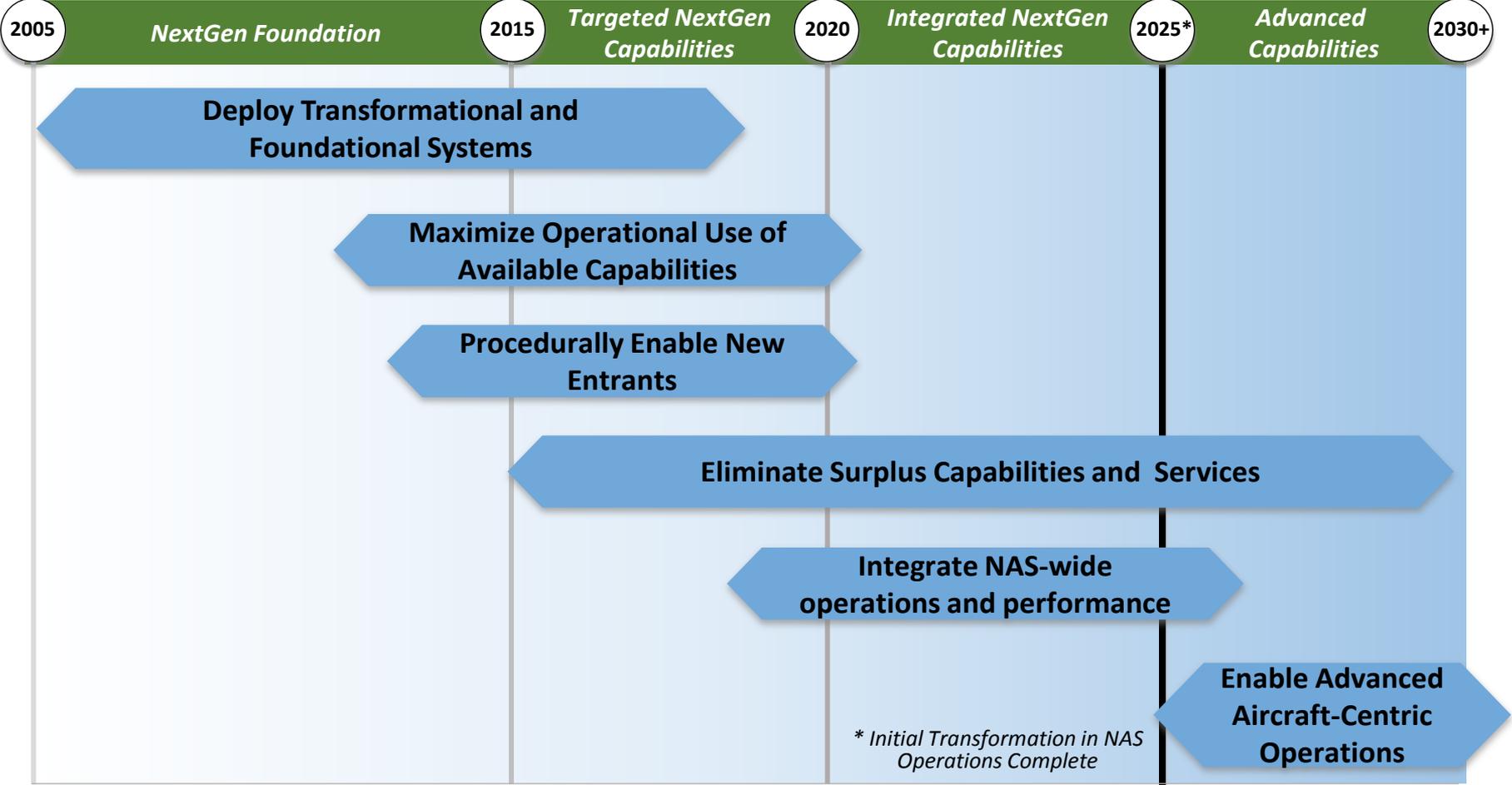
# Metrics and Lessons Learned

- In order to measure these benefits, FAA is issuing a tasking to the NAC for industry participation in joint post-implementation analyses
  - Tasking provides an opportunity for FAA and industry to jointly report results of NextGen Priority implementations to Congress
  - Candidate sites and capabilities for the first analyses are: Northern California Metroplex, EoR Denver, Wake Recat Charlotte, and Wake Recat at Chicago

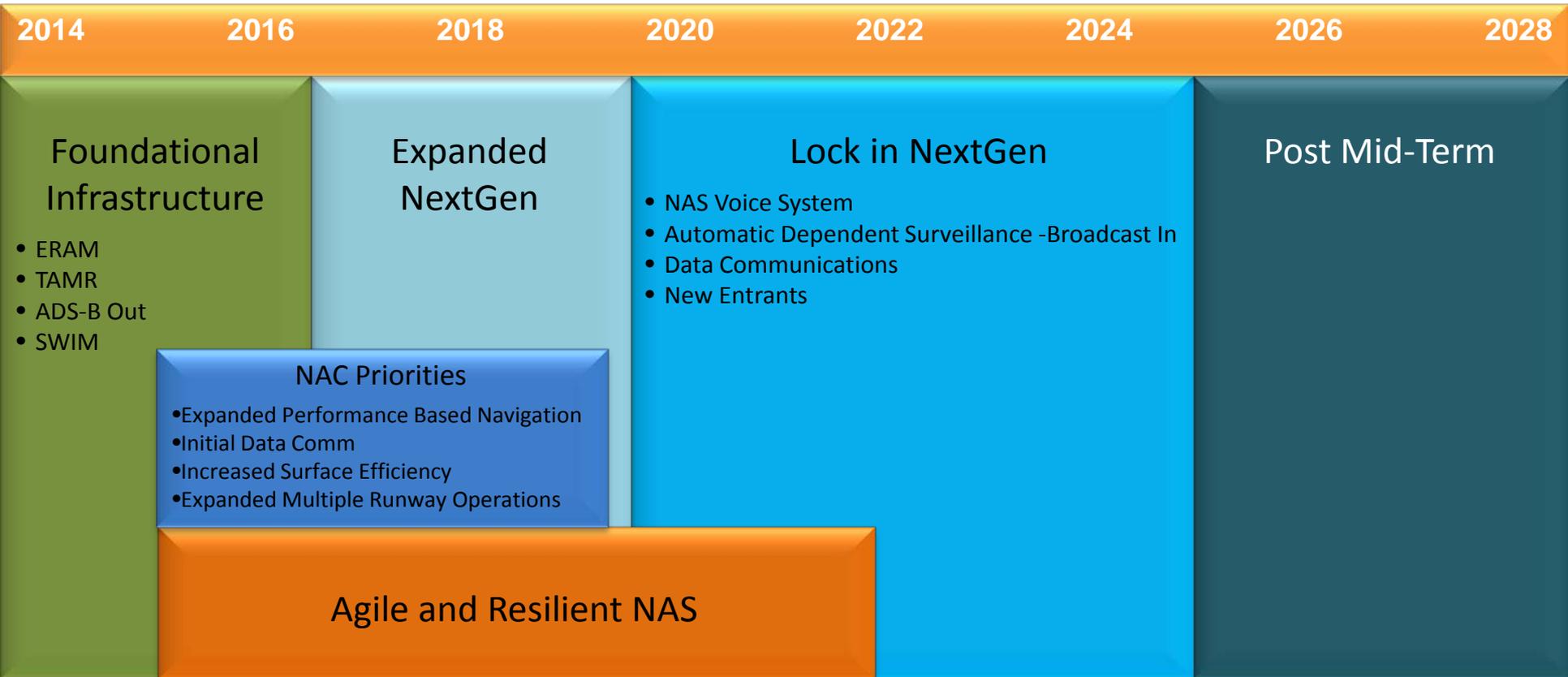
## **Participant Feedback:**

- Interviews conducted with key FAA and industry participants of the NextGen Priorities effort to gather lessons learned. Consensus this was a successful, repeatable process and is the new standard for agency/industry collaboration.

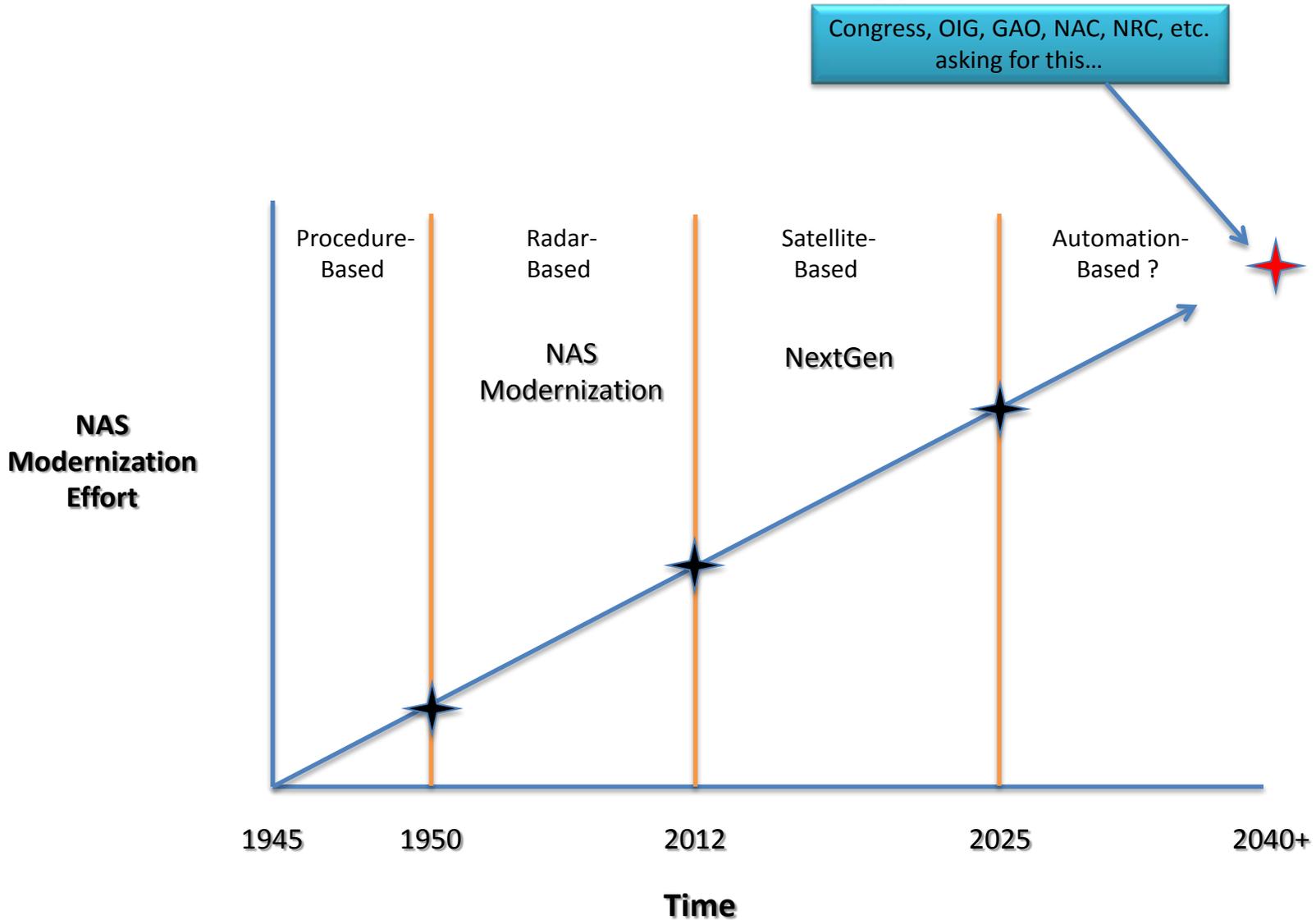
# MITRE: Building a Sustainable NAS for All Focus Shifts over Time



# Building the Future



# What is Our Next Waypoint?



# Many Visions of the Future Already Exist!

