

# Post-Quantum Cryptography (PQC) Roadmap



## 3. ACQUISITION AND TESTING

### FY26 Milestones

- PQC Tools and Support Acquisition and Award
- Begin PQC Algorithm Testing and Implementation
  - Data at Rest, Data in Transit, Data in Use
- Finalize Implementation and Monitoring Plans
- Continue Inventory Updates and Compliance Reviews

## 1. INVENTORY AND ASSESSMENT

### FY24 Milestones

- Cryptographic Inventory of Active Systems
- Budget Development
- Strategy and Roadmap Development
- Policies, Compliance, and Standards Requirements
- Market Research and Acquisition Alternatives
- NIST Standards on PQC Algorithms Expected
  - Data at Rest, Data in Transit, Data in Use

## 4. IMPLEMENTATION AND MONITORING

### FY27-FY35 Milestones

- Finalize PQC Algorithm Testing and Implementation
- Implement cryptographically agile monitoring
- Maintain Inventory and Compliance Requirements
  - Data at Rest, Data in Transit, Data in Use

## 2. PLANNING AND PRIORITIZATION

### FY25 Milestones

- PQC Risk Assessment
- System Transition Prioritization
- Implementation and Monitoring Plan
  - Data at Rest, Data in Transit, Data in Use
- Acquisition Planning for Tools and Support
- Continue Inventory Updates and Compliance Reviews
- PQC Algorithms Ready for Implementation Testing

## GSA Contract Options

### INVENTORY AND ASSESSMENT

- HACS SIN
- 5 Managed IT Services SINs\*
- EIS Managed Service Options
- Governmentwide Acquisition Contracts(GWACs)\*\*

### PLANNING AND PRIORITIZATION

- GSA Acquisition Gateway
- HACS SIN
- 5 Managed IT Services SINs\*
- EIS Managed Service Options
- Governmentwide Acquisition Contracts(GWACs)\*\*\*

### ACQUISITION AND TESTING

- GSA Acquisition Gateway
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### IMPLEMENTATION AND MONITORING

- HACS SIN
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\*IT Professional Services SIN; Electronic Commerce SIN; Healthcare IT SIN; Training SIN, Automated Contact Center Solutions SIN

\*\*8(a) STARS III; Alliant 2; VETS 2

\*\*\*8(a) STARS III; Alliant 2; VETS 2; Polaris; Alliant 3

As of May 23, 2024