



The Federal Protective Service  
**Secure Facilities, Safe Occupants**

# **Risk Assessment and Management Program**



**U.S. Immigration  
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# FPS Risk Assessment and Management Program

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Safe Occupants**

- What is RAMP?
- What will RAMP do?
- Why is FPS developing RAMP?
- How is RAMP being developed?
- Phased Implementation
- Accomplishments
- Key Dates
- Questions

# What is RAMP?

The FPS Risk Assessment and Management Program (RAMP) will be a next generation risk assessment tool used to:

- Assess and analyze risks posed to Federal facilities from crime, natural hazards, and terrorism
- Centrally store, access, and report risk assessment findings
- Manage all aspects of the Building Security Assessment (BSA) process
- Recommend and track the implementation of countermeasures throughout their lifecycle
- Perform inventory-wide analysis of the risks posed to Federal facilities and the means of reducing them





# What Will RAMP Do?

Provide a single source for the collection, storage, and analysis of building information to:

- Integrate all facets of the risk assessment, security tracking, and measures of effectiveness processes
- Provide secure, web-based access to tools and information, including a comprehensive help file
- Include financial information for countermeasures including cost benefit analysis
- Automatically generate and route letters, reports, presentations, statistical analyses, etc.
- Automate and track countermeasure recommendations, life-cycle replacement, implementation status
- Include OEP information, call-back lists, etc.

# Why is FPS Developing RAMP?

Recent policy changes, as well as refinement of the FPS mission, require that processes used to manage risk for Federal facilities be updated

Security partners also expressing need for updated risk assessment tools

FPS uses multiple software programs to accomplish its mission

- Inspectors are required to input the same data multiple times in various systems
- Issues with data validation between systems
- Lack of a central repository
- Increased time for users to gather data in response to taskings
- Unnecessary time and money spent on upkeep of disparate systems



# How is RAMP Being Developed?

Multi-year design and development process:

- Business Process Refinement
- Risk Assessment Methodology Definition
- Alternatives Analysis
- System Integration
- Software Development/Upgrade
- Pilot, Train, Roll-Out



# How is RAMP Being Developed?

To do this, FPS has:

- Reviewed more than 200 risk assessment methodologies and tools for best practices
- Prepared to integrate RAMP with other DHS programs
- Created working groups of FPS Inspectors and Managers to review the entire BSA process and determine the functionality that can be incorporated in RAMP



# Risk Assessment Methodology

RAMP risk assessment methodology will:

- Be rigorous, quantitative, and standards-based
- Conform to NIPP baseline criteria and consider threat, vulnerability, and consequence:
- Calculate the probability that a threat will cause an adverse impact before the next assessment occurs.
- Accommodate multiple types of assessments



# Phased Development and Implementation

RAMP will be implemented in three phases:

- Phase 1 will include all the basic functionality necessary to conduct and report on risk management for federal facilities: 12-18 Months
- Phase 2 will provide enhanced information sharing and reporting capabilities: 18-24 Months
- Phase 3 will include additional functionality and will be fully capable of being rolled out to security partners: 24-30 Months





# Next Steps

Perform transition activities to ensure smooth and successful deployment of RAMP

- **Data Migration** - Ensure accuracy and completeness of data migration from legacy systems to RAMP
- **Training** - Minimize gap in operational capability while end-users are trained
- **Business Process** - Refine business processes and align them with the new system
- **Communications** - Ensure consistent and effective communication conducted with stakeholders
- **Deployment Management** - Identify and execute logistical tasks for ensuring smooth application and hardware deployment
- **Performance Management** - Determine how the RAMP program's performance will be measured
- **Governance** - Assign roles and responsibilities for maintenance of the RAMP application

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# Questions



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