



Software products and services for analytic risk management

A background image on the left side of the slide, consisting of a complex, multi-layered wireframe structure of white lines on a dark blue background, resembling a 3D architectural or data visualization.

# FY 2012-2013 Bay Area UASI Risk and Grants Management Program

June 21, 2012

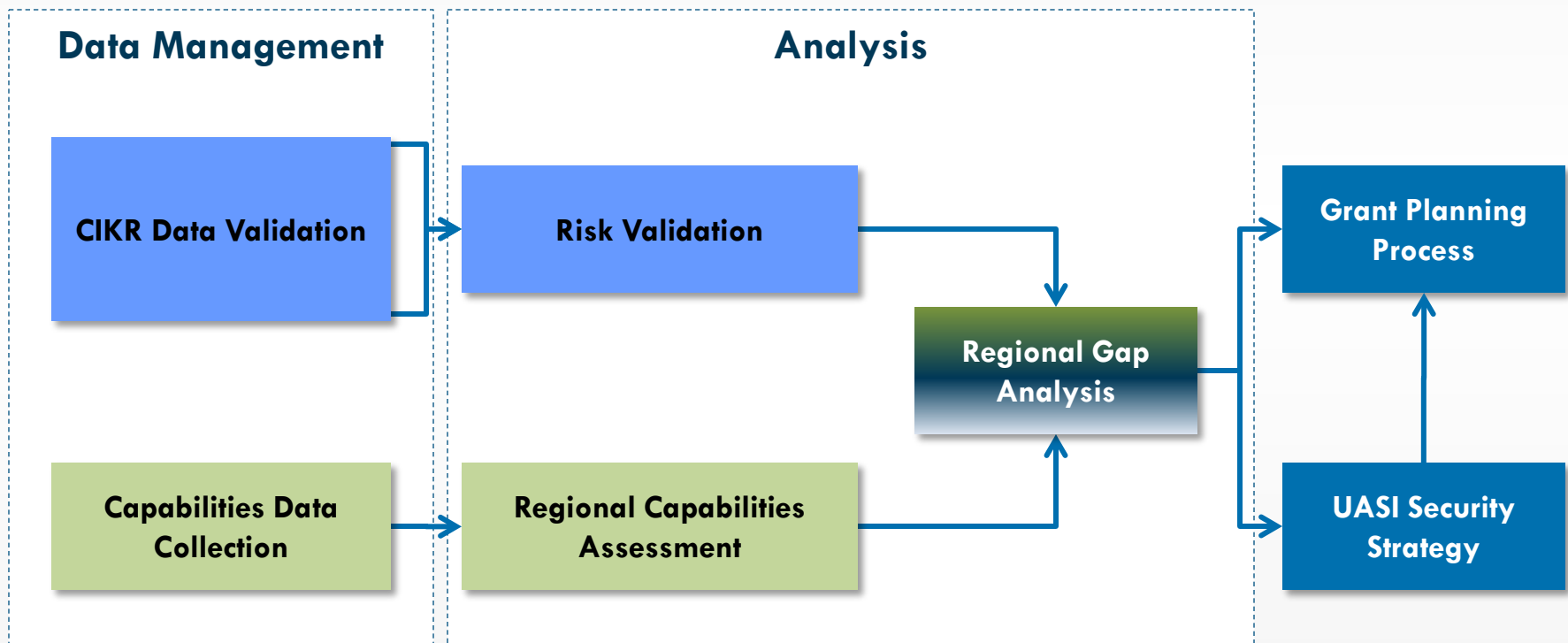
# Agenda

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- Overview
- Background
- Risk Validation/Data Management
- Capabilities Assessment/Gap Analysis
- Strategy Update/Grant Planning Process
- Timeline
- Next Steps

# Overview

## FY 2013 Bay Area UASI Risk and Grants Management Program *June 2012 – November 2012*



# Background

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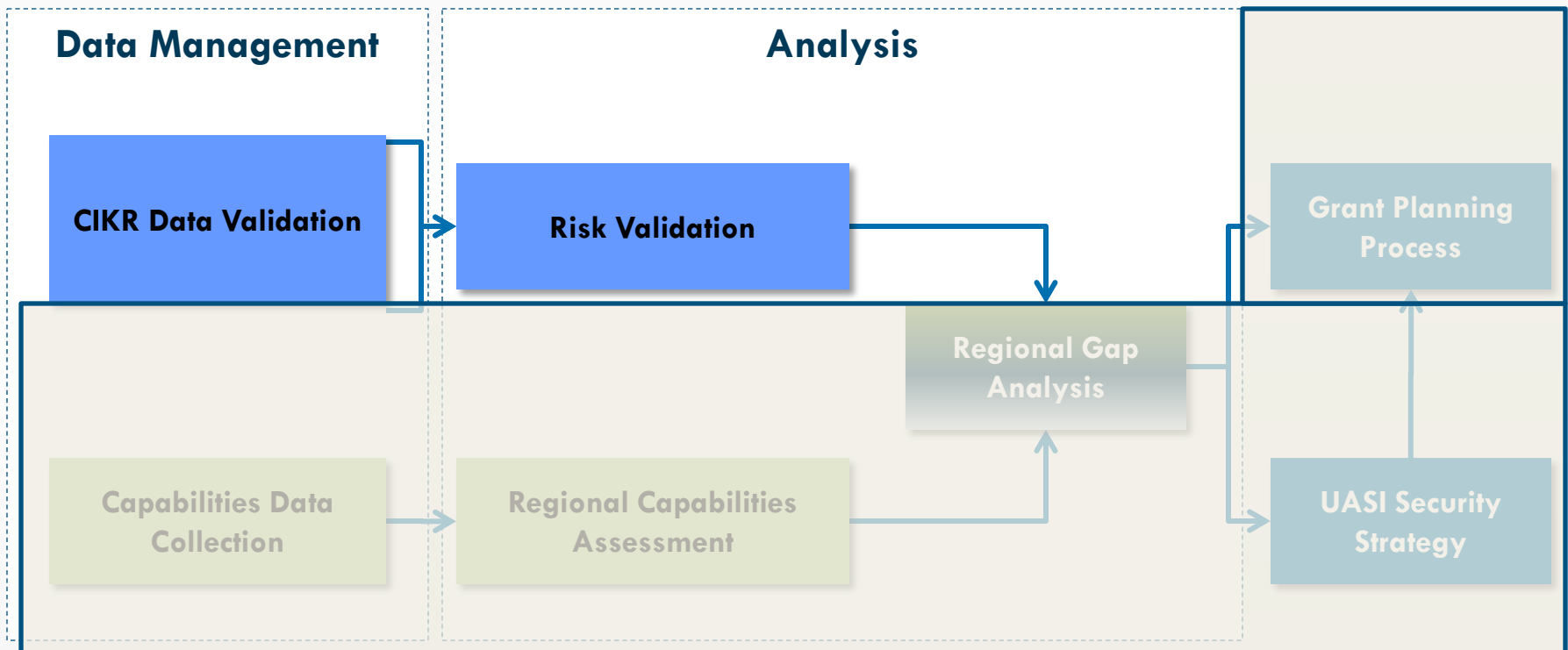
- A risk and capability-based methodology to apply for and allocate grant UASI funds is required by the U.S. Department of Homeland Security (DHS) and is stated in the Bay Area UASI Approval Authority Bylaws (July 2011 Section 8.1)
- Since July 2009 the Bay Area UASI has conducted a cross-jurisdictional, cross-functional risk management program for the urban area
- The Program assigns a value to risks for the purpose of setting priorities, developing or comparing courses of action, and informing decision-making
- It is an on-going effort with continuous data input, validation, regularly scheduled assessments, and annual reporting.

# Digital Sandbox 7 (DS7)

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- The DS7 Risk Analysis Center (RAC) is the tool that will be used throughout the process
  - Used by all eight California UASI's
- DS7 is the seventh generation of our software, built to specifically support a State and local **approach risk to management**
- The RAC is designed
  - To help the State and local risk management community understand and identify risk based on threats, vulnerabilities and consequences
  - With consistent and defensible risk prioritization methodology to align resources to risk mitigation needs
  - To provide sophisticated analysis and actionable intelligence to improve decision making
  - To comply with national guidelines, agency standards and regulations
  - To support multiple agencies and stakeholders with a common view of risk

# Risk Validation/Data Management

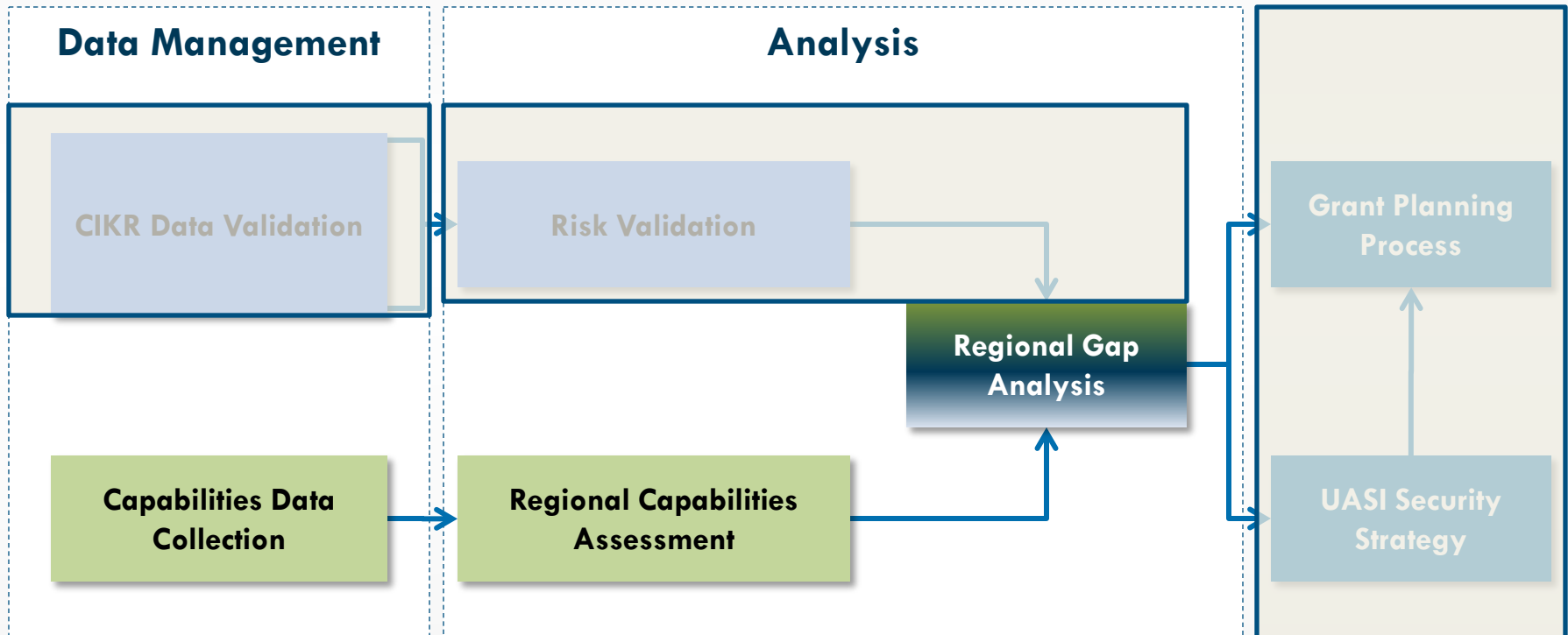


# Risk Validation/Data Management

- To manage asset data, users will create, update, and validate data in the RAC (July – Aug)
  - This phase will include adding/updating asset details, priority levels, vulnerability and consequence scores (VHEMP), and field assessments (where appropriate) in the RAC
    - Identify users
      - Protected Critical Infrastructure Information (PCII)
    - Asset Catalog Development Criteria
    - Priority Assessments
- The NCRIC conducts a review of the updated asset information and validates data items that effect risk

The NCRIC submits the updated asset information to the DHS PCII office for certification.

# Capabilities Assessment/Gap Analysis



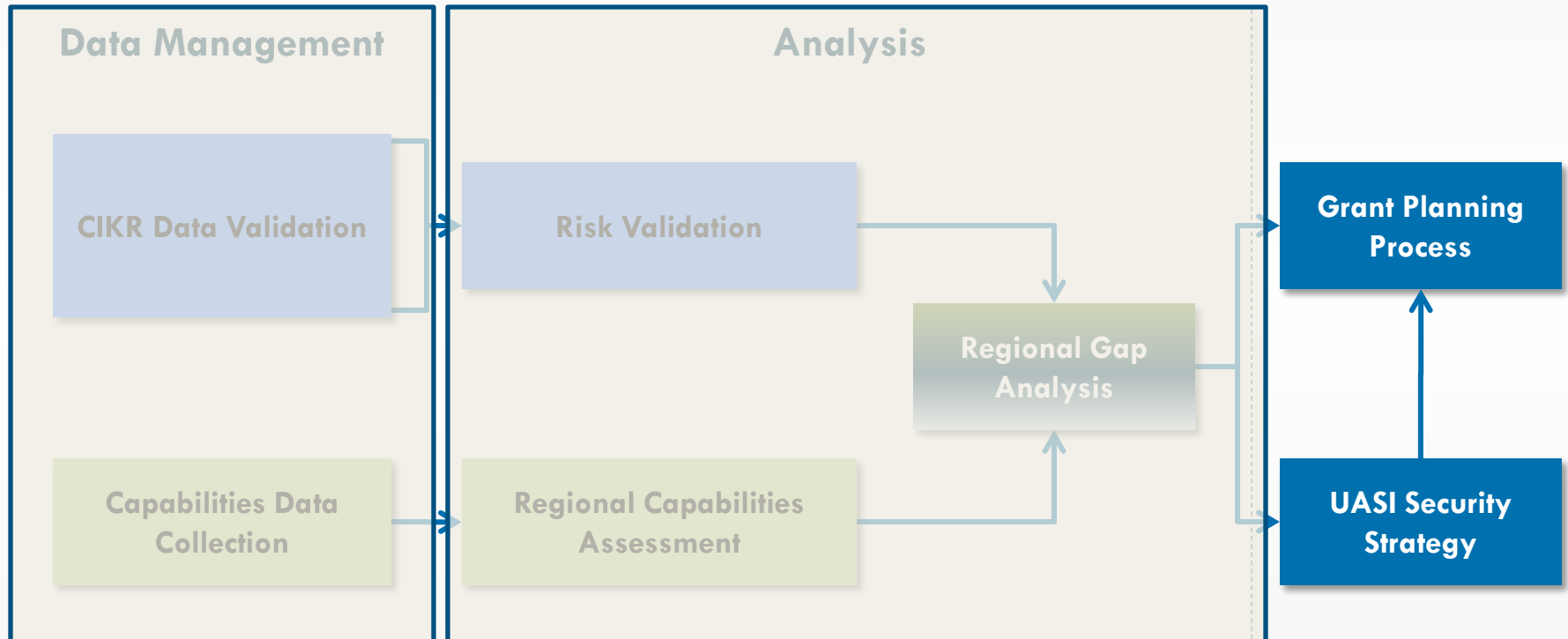


# Capabilities assessment/Gap Analysis

- The Bay Regional Capability Assessment will be conducted in a workshop format using subject matter experts from across the Bay jurisdictions and multiple disciplinary groups (Sept. 18-19)
  - Identify participants
- Once the risk is validated, the risk results are used to understand those capabilities that are most relevant to each jurisdiction and the Urban Area's risk.
- In order to assess each capability, the subject matter experts will work as a group in order to gain consensus on the level ability for each capability relevant to their expertise
- After the assessment is finalized, the DS7 Capabilities Assessment Tool provides a Gap Analysis based on the updated system risk data and results of the workshop

The DS7 Capabilities Assessment is based on the DHS Core Capabilities List.

# Strategy Update/Grant Planning Process



# Strategy Update

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- Results from the risk validation and capabilities assessment will help inform updates to the Bay Area Homeland Security Strategy.
  - The Strategy will also be updated to reflect the new National Preparedness Goal and the related Core Capabilities.
- The draft is reviewed by the Risk/Info Working Group and subject matter experts before the revised Security Strategy is presented to the Advisory Committee and Approval Authority for final approval

# Grant Planning Process

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- The grant planning process involves meetings among regional stakeholders and subject matter experts to review the risk formula and resource allocation strategy, as well as develop project proposals
- The Advisory Group reviews project proposals and makes recommendations to Approval Authority for final project approval in spring 2013

Details on this process will be provided pending Approval Authority guidance.

# FY 2013 Bay Area Risk Management Timeline

Tasks	2012						
	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	
Kickoff	◆						
Risk Validation/Data Management Phase							
Capabilities Assessment/Gap Analysis Phase							
Strategy Update*							
Grant Planning Process*							

\* Timelines tentative based on the release of the DHS budget and grant guidance.

# Next Steps

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- Identify Jurisdiction Leads
- Provide Refresher/New-User Webex Training
- Submit PCII User Certification
- Begin Data Management/Risk Validation Phase
- Identify Capability Assessment Participants
- Distribute Capability Assessment Questions to Participants
- Conduct Capability Assessment