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Technical Workshops | July 24, 2012

ArcGIS for Maritime: An Enterprise Approach

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Workshop Overview

- Introduction
- Demonstrations
  - Data Discovery with Portal for ArcGIS
  - Production Management
  - Data Production: Bathymetry
  - Data Production: Nautical Features
  - Data Dissemination
- Summary

Industry Challenges

Technology

Expectations

System Interoperability

Return on Investment

Best Practices

Funding

Evolving Mission

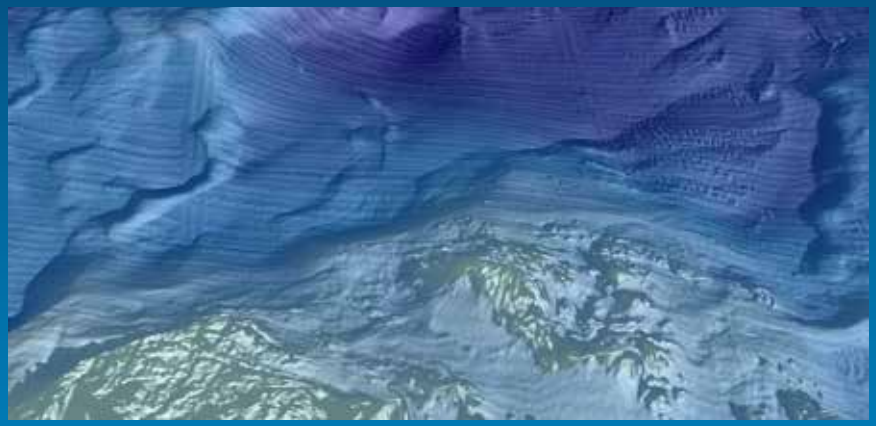
Need to plan for the rapid pace of technology change

ArcGIS for Maritime

Charting

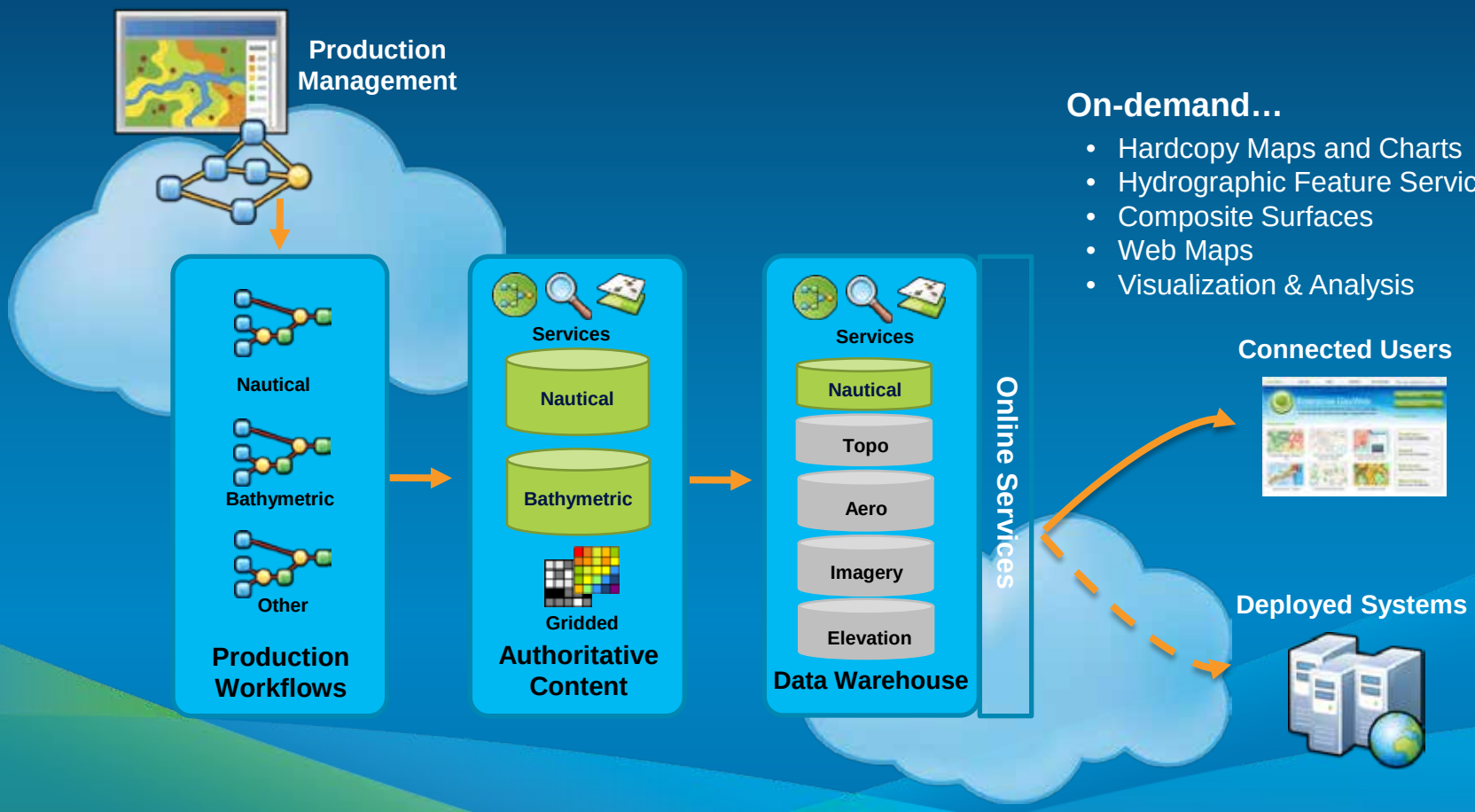
Create, maintain and publish charts for navigational and marine purposes.

Bathymetry



Store, discover, model and manage bathymetric data.

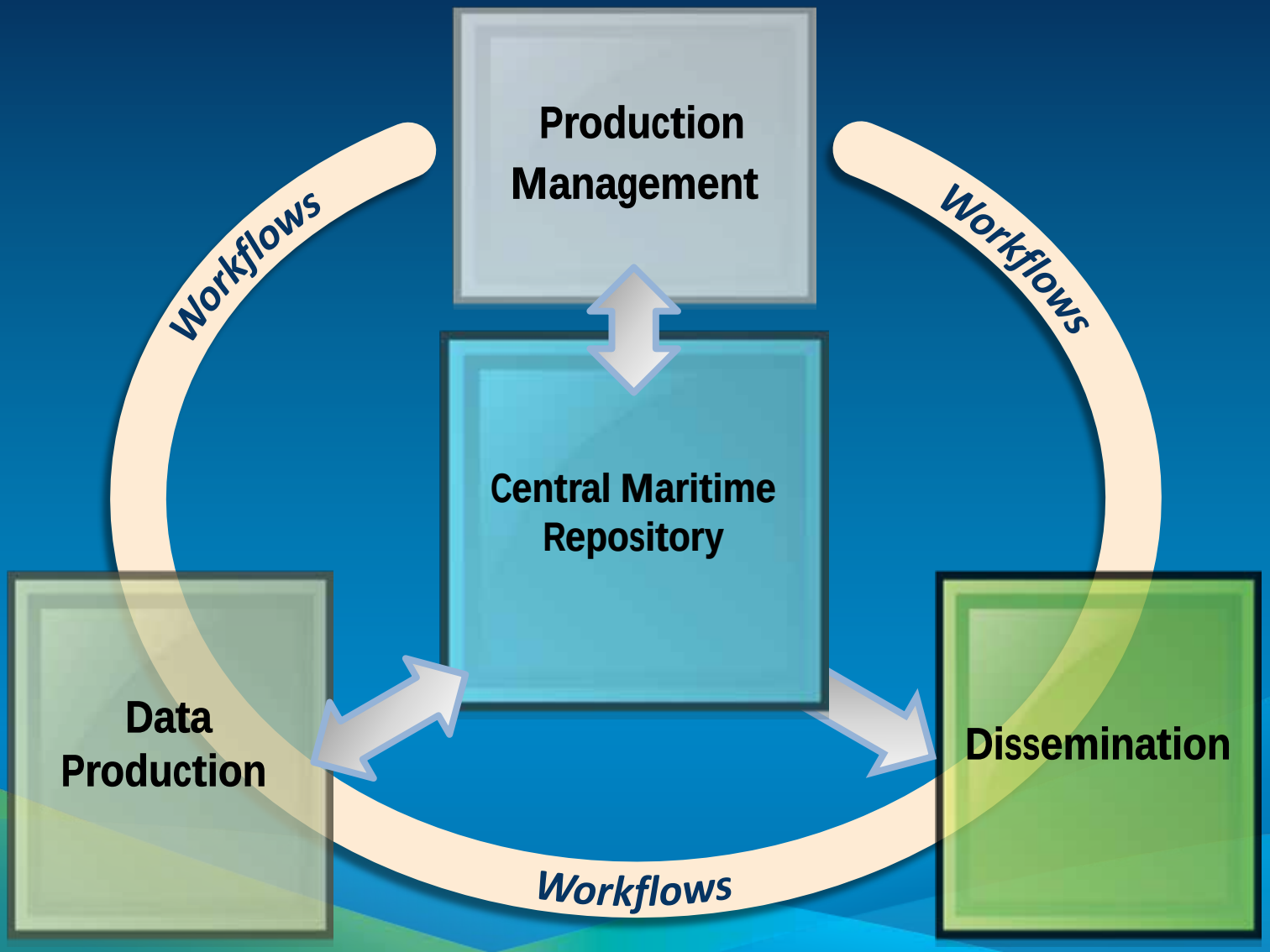
Enterprise Maritime Data Management

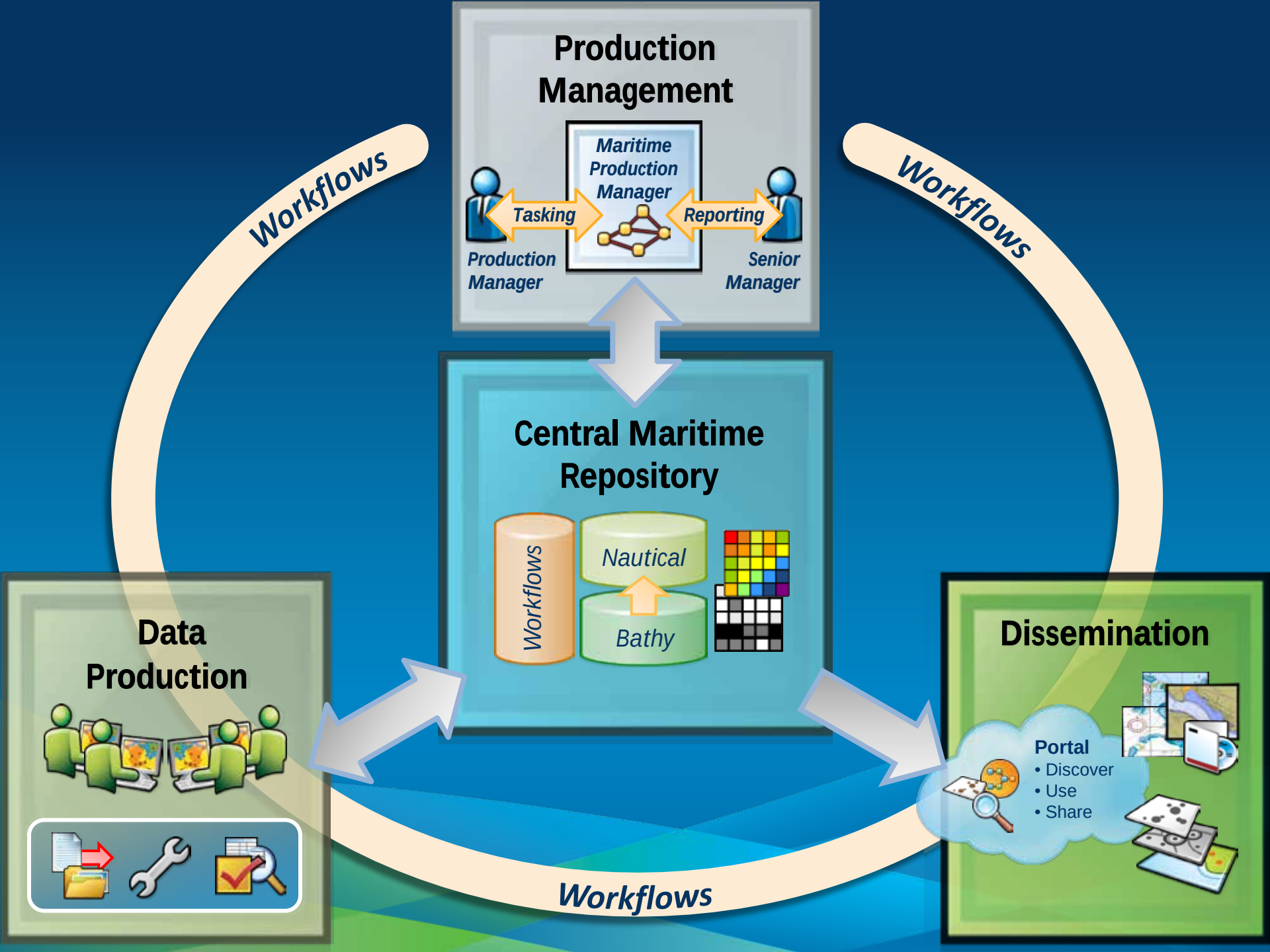


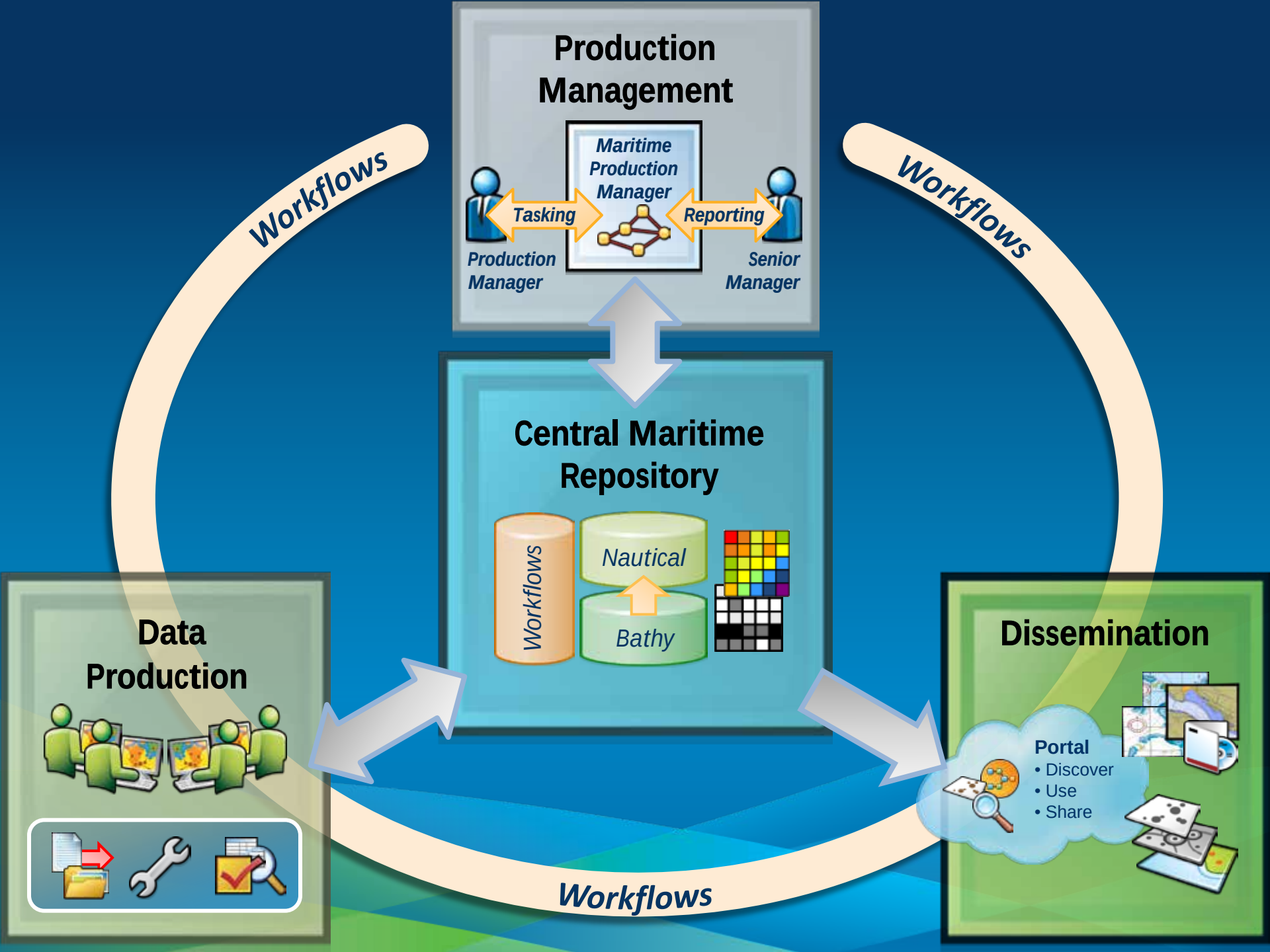
On-demand…

- Hardcopy Maps and Charts
- Hydrographic Feature Services
- Composite Surfaces
- Web Maps
- Visualization & Analysis

Multi-user, time-dominant data management


Production Management
Workflows
Workflows
Central Maritime Repository
Data Production
Dissemination
Workflows


Production Management
Maritime Production Manager
Tasking
Reporting
Production Manager
Senior Manager
Workflows
Workflows
Central Maritime Repository
Workflows
Nautical
Bathy
Data Production
Dissemination
Portal
• Discover
• Use
• Share
Workflows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ArcGIS for Maritime Demonstrations

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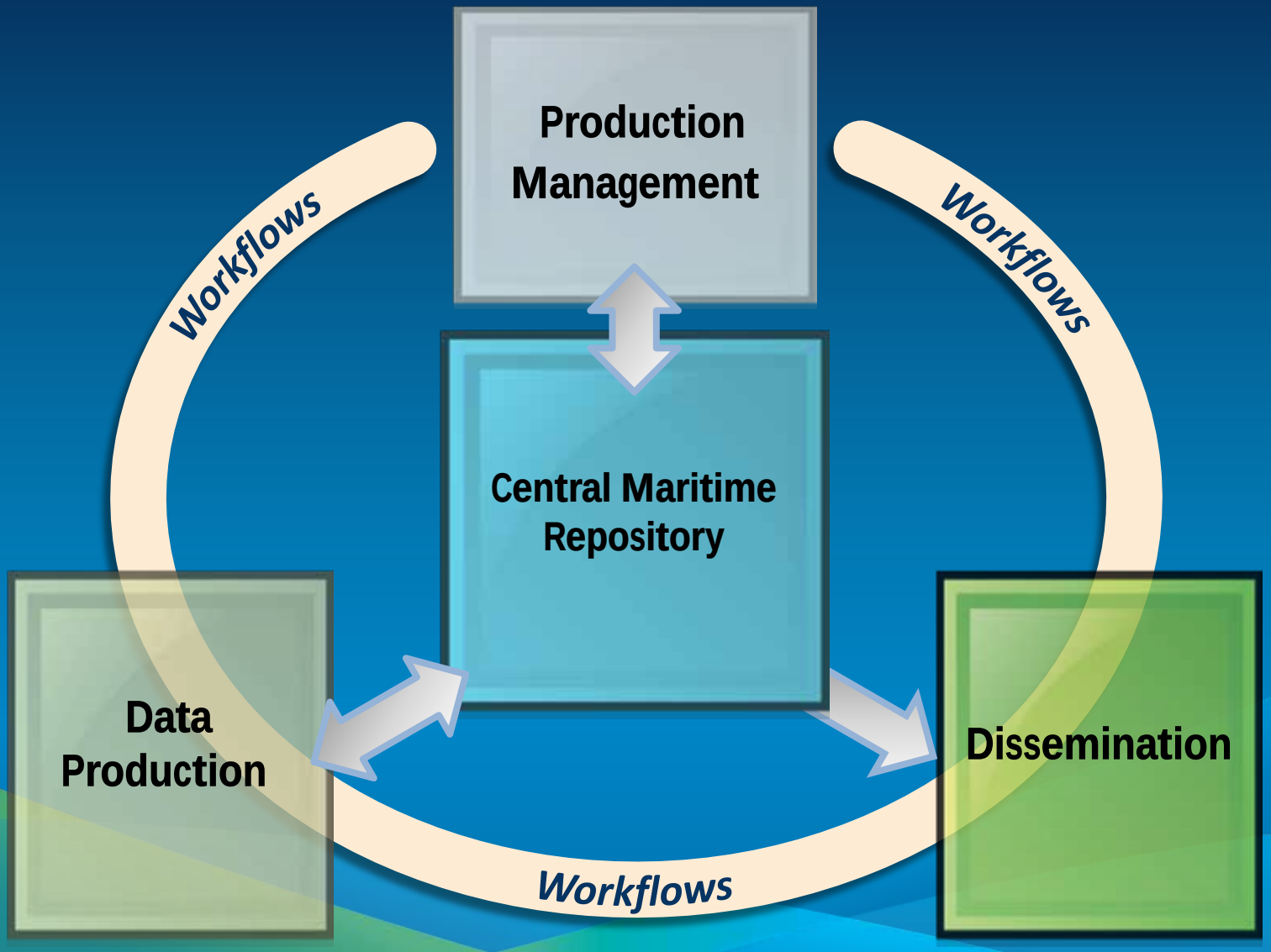
Geoff Gomez
Kevin Twombly

Demonstration Summary



Additional Information

- ArcGIS Resources
  - resources.arcgis.com
- ArcGIS for Maritime
  - http://www.esri.com/software/arcgis/extensions/nautical-solution
- ArcGIS Workflow Manager
  - http://resources.arcgis.com/content/workflow-manager/10.0/about
- Training
  - http:// training.esri.com/gateway/index.cfm

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