ArcGIS Conceptual Reference Architecture

APPS

SDKs / APIs

Mapping & Visualization	Data Management	Field Mobility	Monitoring	Analytics

Solutions

Design & Planning	Decision Support	Constituent Engagement	Sharing & Collaboration

Patterns of Use

PORTAL

SDKs / APIs

Users • Groups • Items • Tags
(Content and Capabilities)

Web Maps · Web Layers · Tools · Files

INFRASTRUCTURE

SDKs / APIs

WORKLOAD SEPARATION

HIGH AVAILABILITY

Visualization · Analysis · Data Management

Data and Storage

LOAD BALANCING

MONITORING

EXTERNAL SYSTEMS AND SERVICES

SDKs / APIs

Enterprise Systems
• CRM
• EAM
• BI
• Microsoft Office

Other
• Social
• Weather
• Traffic
• Real-time Feeds
• IoT Sensors

PRODUCTION   STAGING   DEVELOPMENT

ASSOCIATED BEST PRACTICES

Automation • Capability Delivery • Communicating Success
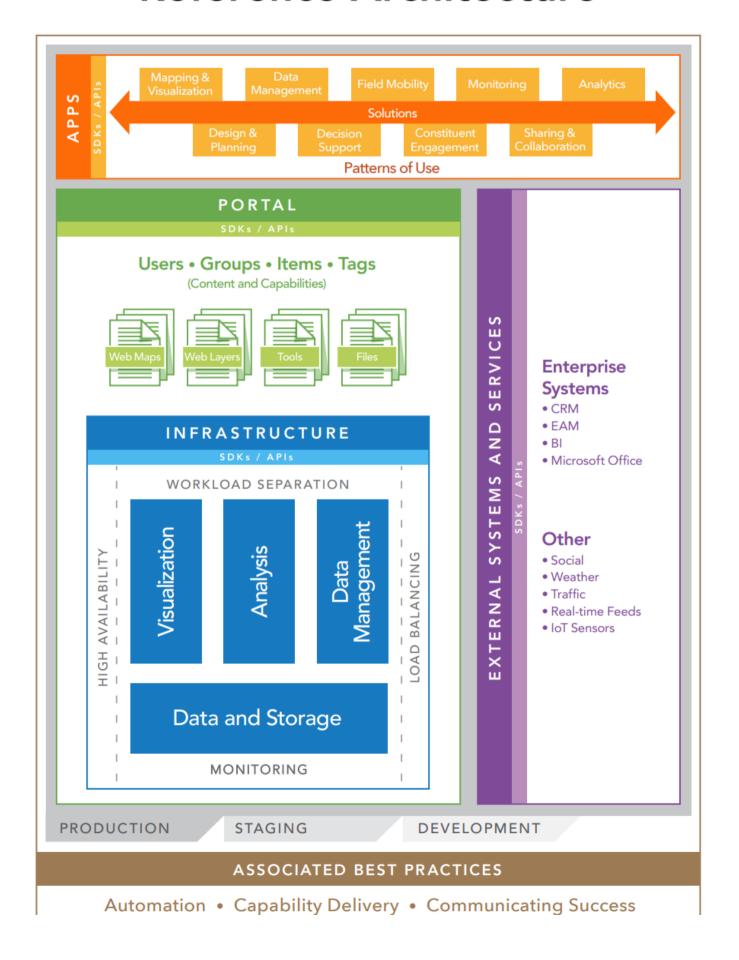
Geospatial Strategy • Governance • Prioritization Approach
Publication Strategy • Security • Workforce Development