

Utilizing ArcGIS Online to Create a Common Operating Picture

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Definition

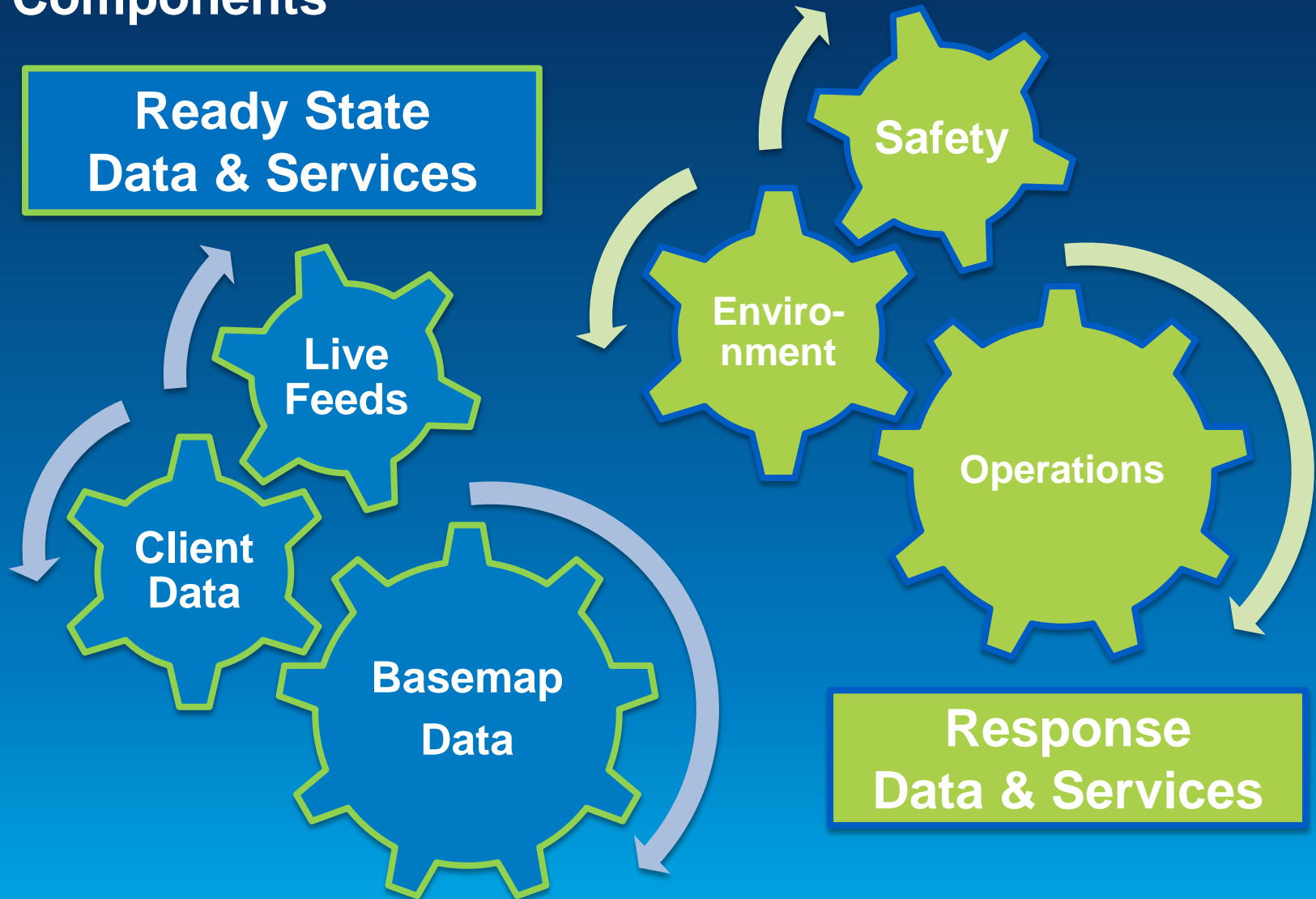
“The lack of a **COP for the first 2 weeks of the Deepwater Horizon incident quickly became both a tactical issue for the response organization and a strategic issue at the national level.**

BP Deepwater Horizon Oil Spill
Incident Specific Preparedness Review (ISPR)
Final Report
January 2011
<http://www.uscg.mil/foia/docs/dwh/bpdwh.pdf>

What is a COP?

The **Common Operating Picture (COP)** is a command and control tool that provides situational awareness enabling users to make accurate, informed decisions based on current or planned activities under the Incident Command System (ICS). The **COP** provides a platform to present information and gives the incident management team a comprehensive picture to make decisions and plan ahead for the next operational period.

Components



Contributors



Mobile Data Collection

- SCAT (Shoreline Cleanup and Assessment Technique)
- Wildlife Observations
- Safety Status
- Operational Status Updates
- Resource Verification
- Field Observations
- Claims Processing



Emergency Response Data

- Spill Trajectory Modeling (Surface and Sub-Surface)
- Aerial Overflights
- Severe Weather Warnings
- Safety Zones / Security Zones
- Satellite / Aerial Imagery
- Air Monitoring



ArcGIS Online

- Centralized access to Common Operating Picture
- Multiple WebMaps created for different user needs
- Secure access restricted based on accounts



Common Operating Picture

- Updates from multiple contributors in a single platform
- Shared interface for all users to access data collaboration

