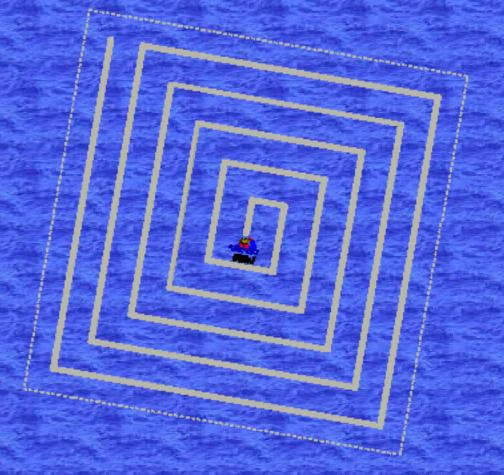
Search And Rescue Optimal Planning System (SAROPS)



Robert Netsch

robert.c.netsch@uscg.mil, (757) 638-2762

Command and Control Engineering Center, Portsmouth, VA















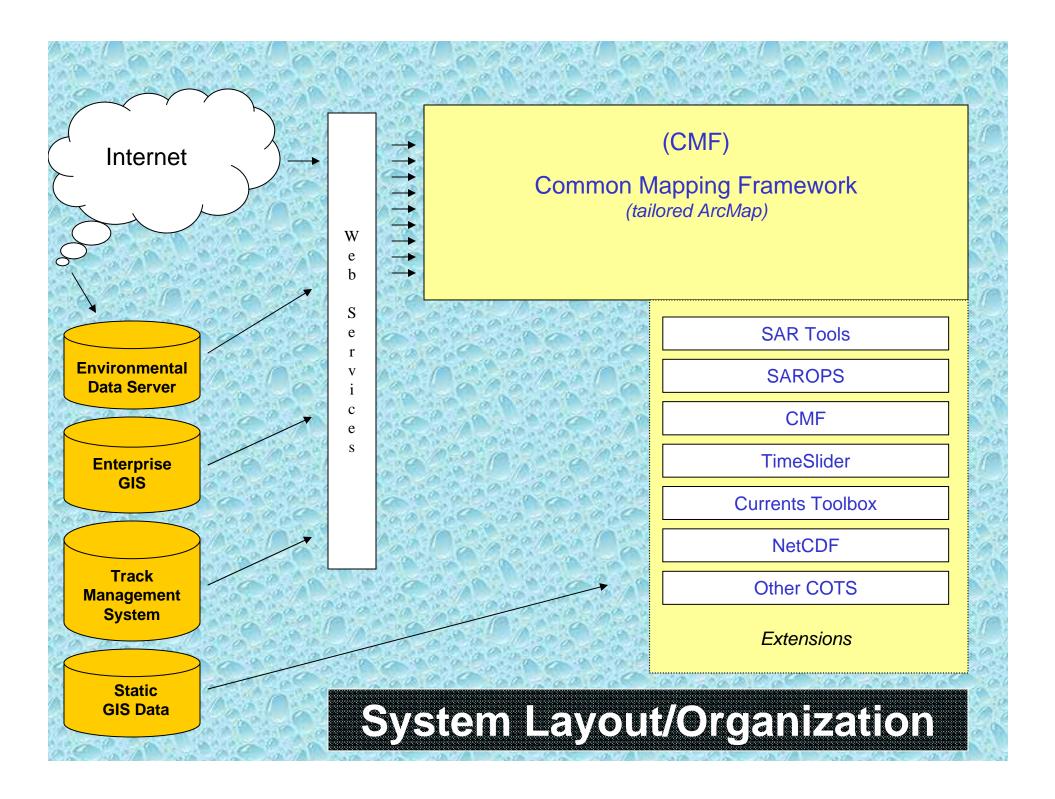


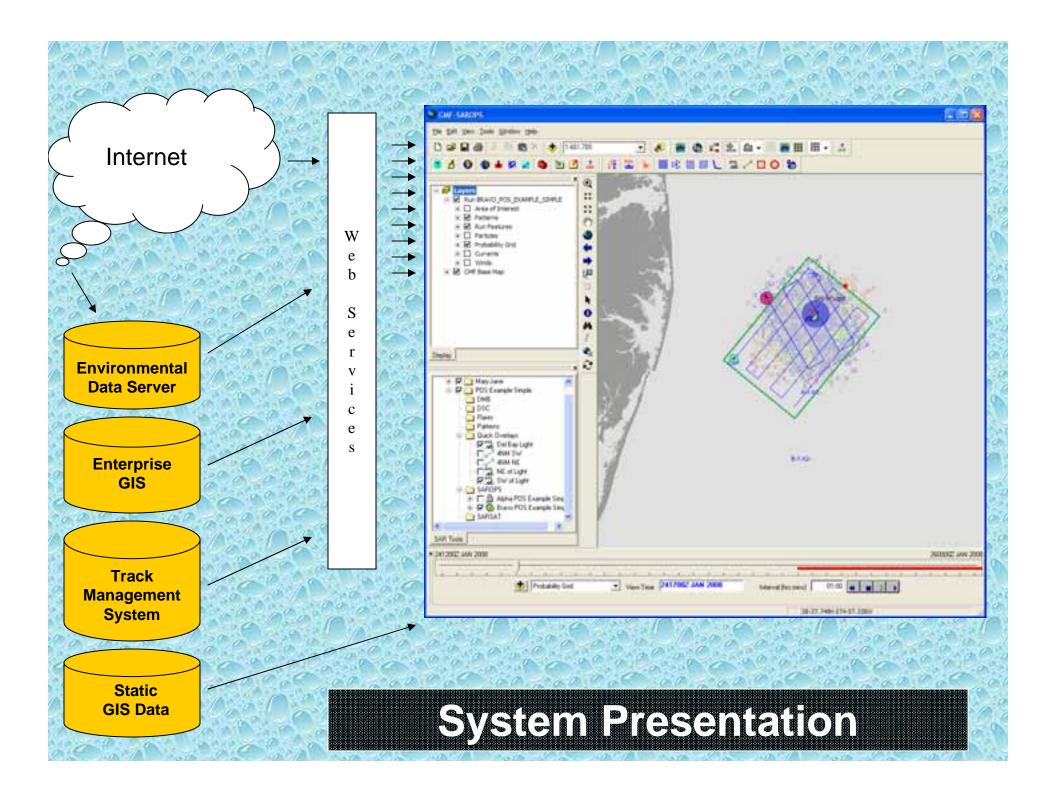




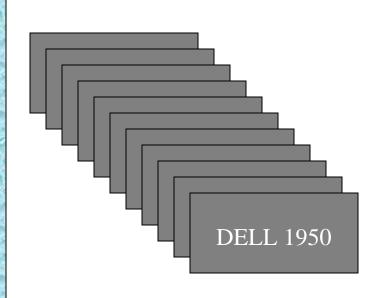


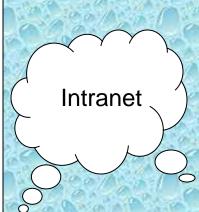




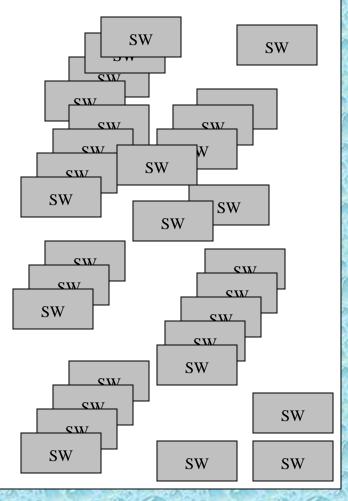


Distributed Pool of Terminal Servers DELL 6850

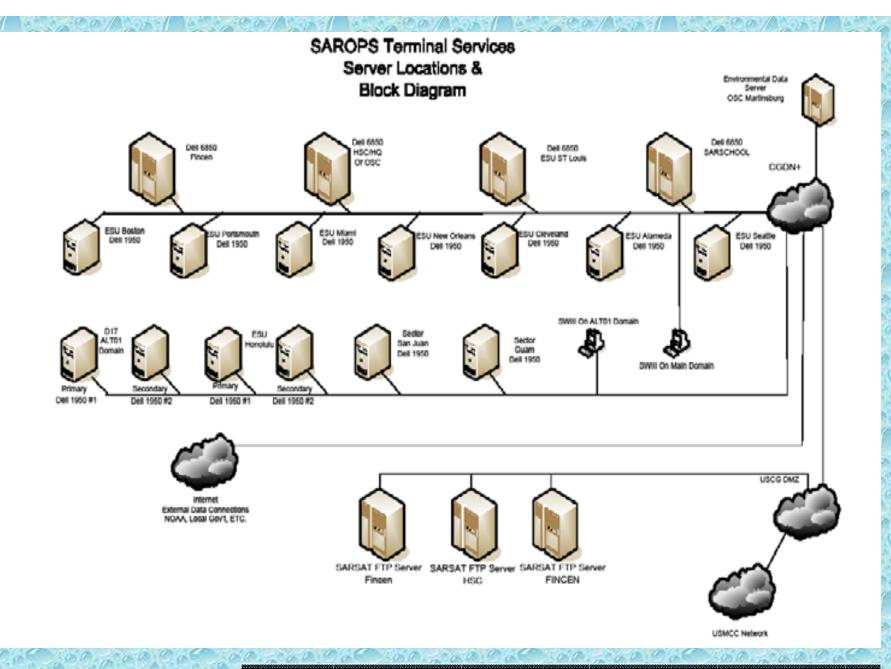




Enterprise-wide Standard Workstations



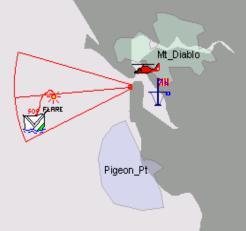
Deployment Approach



TS Server Pool

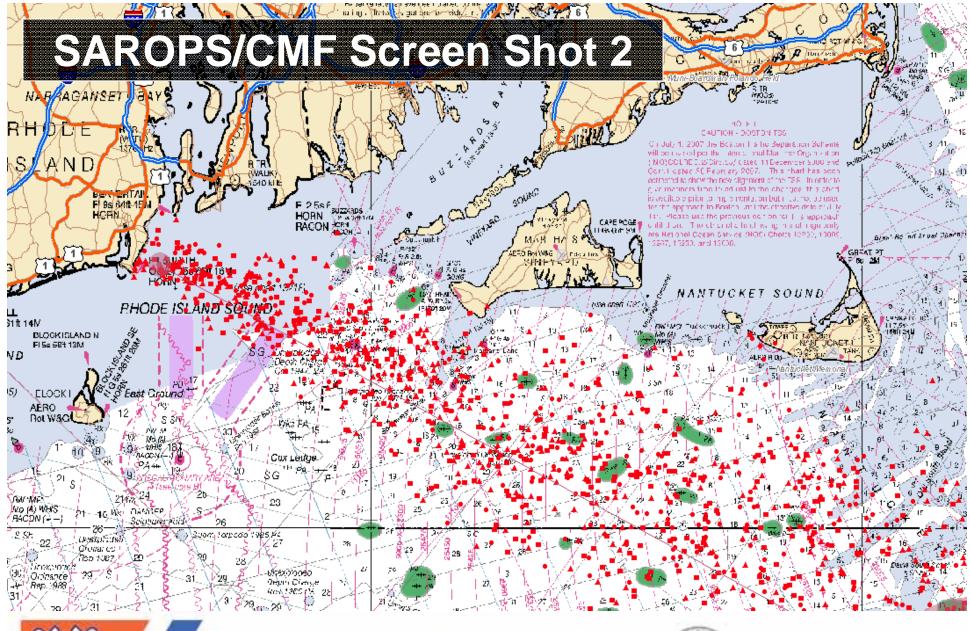
SAROPS/CMF Screen Shot 1

Point Cabrillo (25)



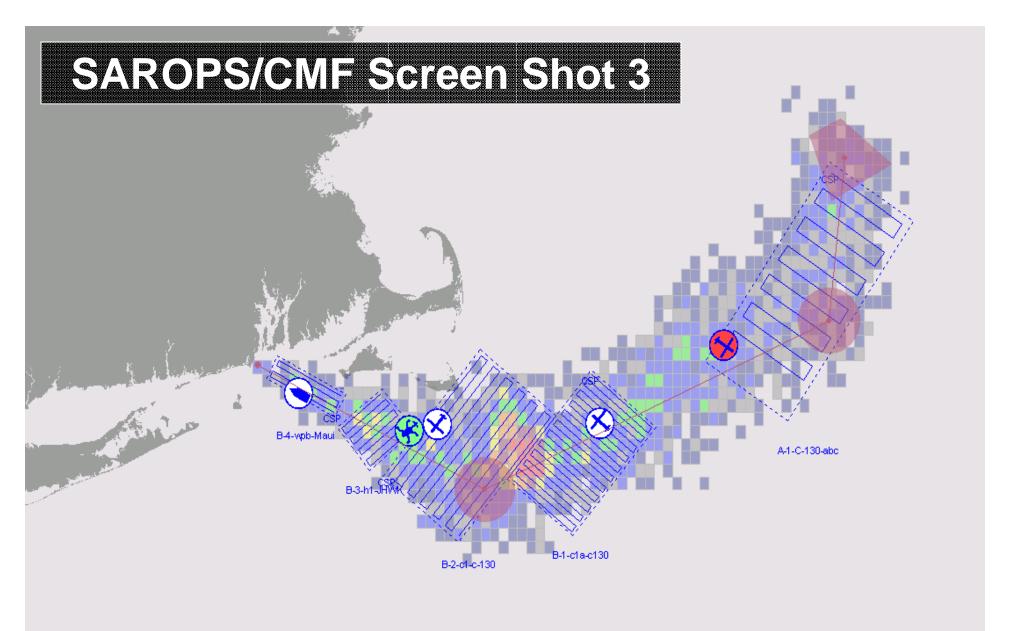






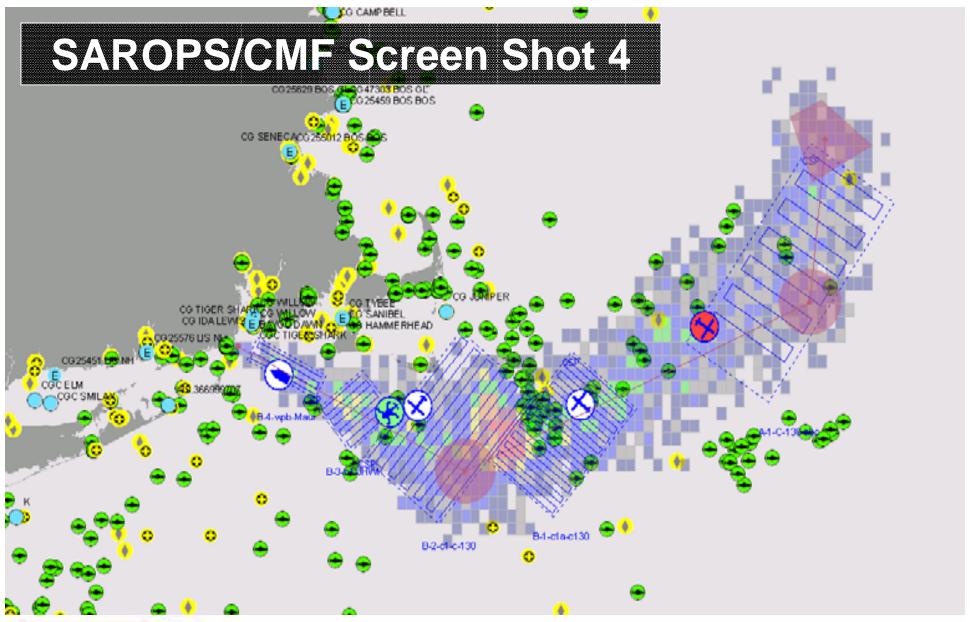






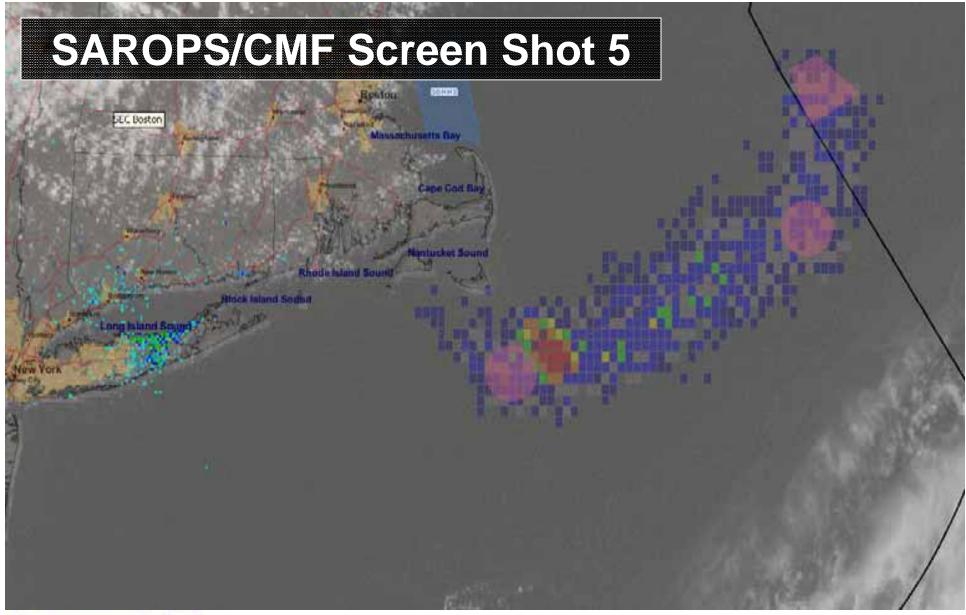








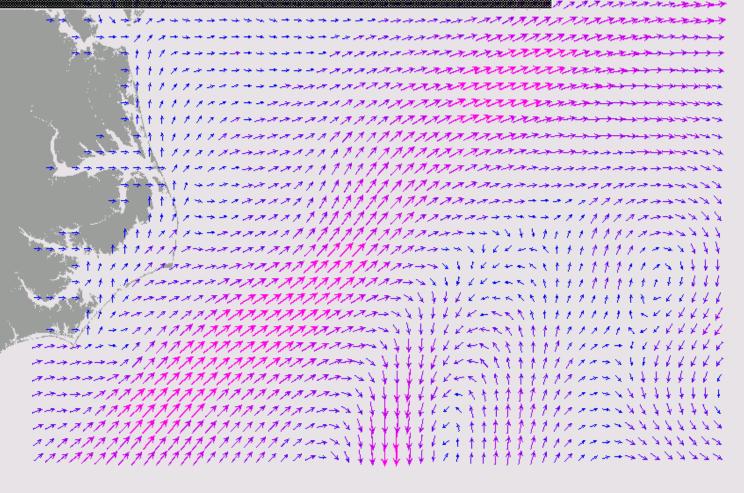








SAROPS/CMF Screen Shot 6







SAROPS is Operational

SAROPS 1.0 rollout was exactly 1 year ago

- Software built (3 years)
- Servers installed (15)
- Units transitioned (50+/-)
- Persons trained (700+ in 3 months)





SAROPS a year later

SAROPS 1.1 rollout is pending

- 3 software upgrades/patches
- Servers repositioned per network loading
- Hundreds of more persons trained
- Used in hundreds of SAR Cases resulting in the saving of numerous lives and property





SAROPS/CMF in the next years

- Migrate from ArcMap to an ArcGIS Engine App
 - Performance
 - Control
 - License considerations
- Leverage the Geospatial Context for
 - Situation/Domain Awareness
 - Decision Support
 - Command and Control
- Expand beyond SAR mission area
 - Port, Coastal, Waterway Security
 - Law Enforcement
 - Marine Environmental Protection





Lessons Learned

- KISS
- Training
- Support
- Performance





Thank You



