

Utilizing Wireless Technologies To Monitor New England Groundfish

Mark Hager
Gulf of Maine Research Institute



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Project Description

- Maximized Retention Approach
 - Explore the potential to use EM and DSM to monitor groundfish catch in NE
 - EM will be used for monitoring compliance with max retention rules.
- Why Maximized Retention?
 - Current model being explored may not be ideal for large vessels
 - Collect better data on total catch and improve accountability
 - Explore a cost effective solution to monitoring

The Technology

Integrated Monitoring



The Technology Cont.

- Remote Data Access
 - Cellular or WIFI (nearshore)
 - Satellite (offshore)



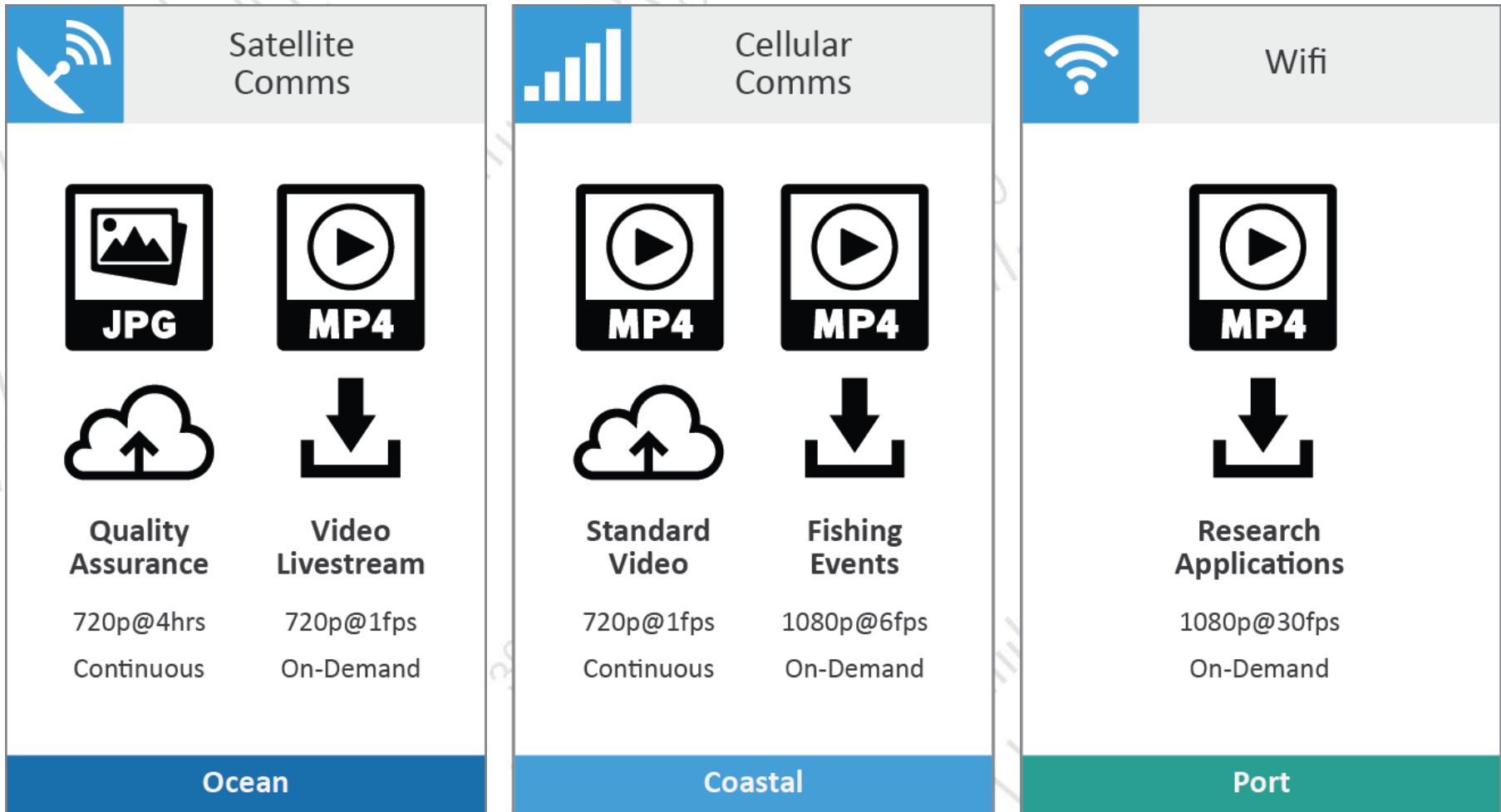
OR



- Remote Hardware and Software Support
 - Camera Angles(Pan –Tilt- Zoom)
 - Software Upgrades



Approach to Data Transmission



On The Water Application

<https://www.youtube.com/playlist?list=PLVNJ7rvEY6KOecall3PgHkpQwup00UTT->

MAGNETIC

Demo

- <https://www.youtube.com/playlist?list=PLVNJ7rvEY6KOecall3PgHkpQwup00UTT->

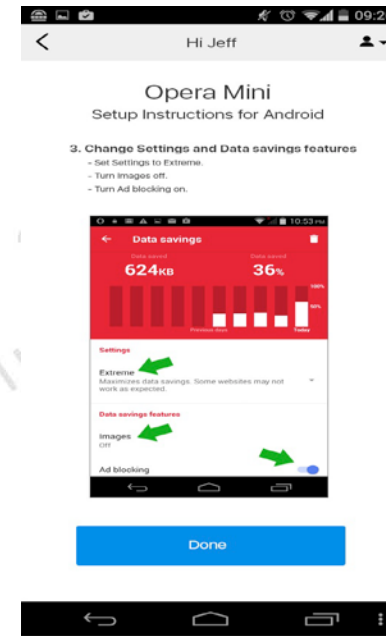
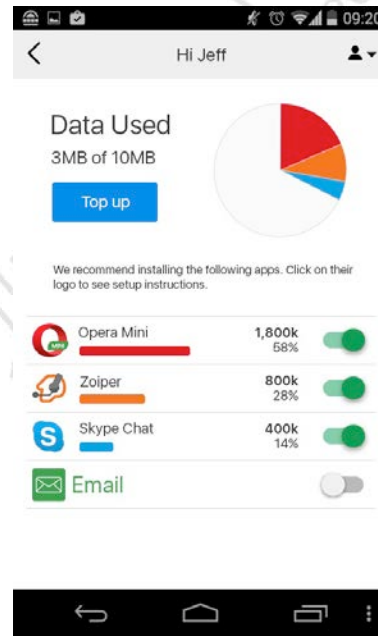
Key Improvements To Look For

- Wireless Data Transmission
- Remote Technical Support
- Real Time Quality Control



Added Benefits

- Crew WIFI
 - Basic use



- Ability to use web based platforms
 - Reporting
 - Traceability

Questions?



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Finding the ways that work



Integrated Monitoring

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