

RealityVision is a software that  
enables the use of real time video  
during a spill event

Reality**Mobile**

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REALITY  VISION  
Instantly There.

A REAL-TIME CONNECTION BETWEEN THE FIELD AND OFFICE



## What would you like from video?

- What information is important to you during a spill event
  - » Video of event from first to arrive on scene showing situation
  - » Video ongoing extent of the response
  - » Movement, the event has reached / not reached a location based on GPS coordinates with time and date stamp on the video
  - » How many responders are available and where are they currently located
  - » Are all responders and commanders receiving updates and working with current information
  - » Reconstruct the event after the fact using video



# What can video add to a response effort?

- How RealityVision supplements your tool kit
  - » Video offers field and aerial observations in real time to the command centers providing up to date information that can help define the event
  - » Video can put the experts and decisions makers in the shoes of the responders
  - » Provide ability to share information between the responders in the field and the command center or other locations
  - » Provide first hand information that is critical in decision making for the clean up / containment efforts

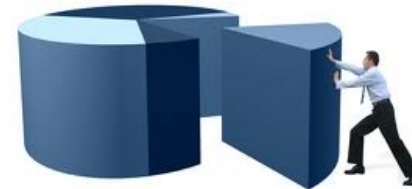


# Video communication challenges

Bandwidth



Context and integration of video or information



Connecting to experts or response center



# Today's status quo

Custom &  
one-off  
integration



Fixed control  
centers



TV & video  
stranded



Expertise  
under utilized



## What do you need to know – How Video may help

- What information is important to you during a spill event
  - » How current is your information at the response center; are you receiving updates in real time concerning ongoing work, location and actions of responders?
    - Receive updates using Real Time video information sent to the response center using handheld devices in the field, enables the first on site to transmit video for situational awareness
  - » How current is your information in the field; is the field staff receiving updates in real time concerning direction of movement, weather forecast
    - Real Time information may be sent to handheld devices in the field from the office / response center, whatever is being displayed on your monitor can be sent to others



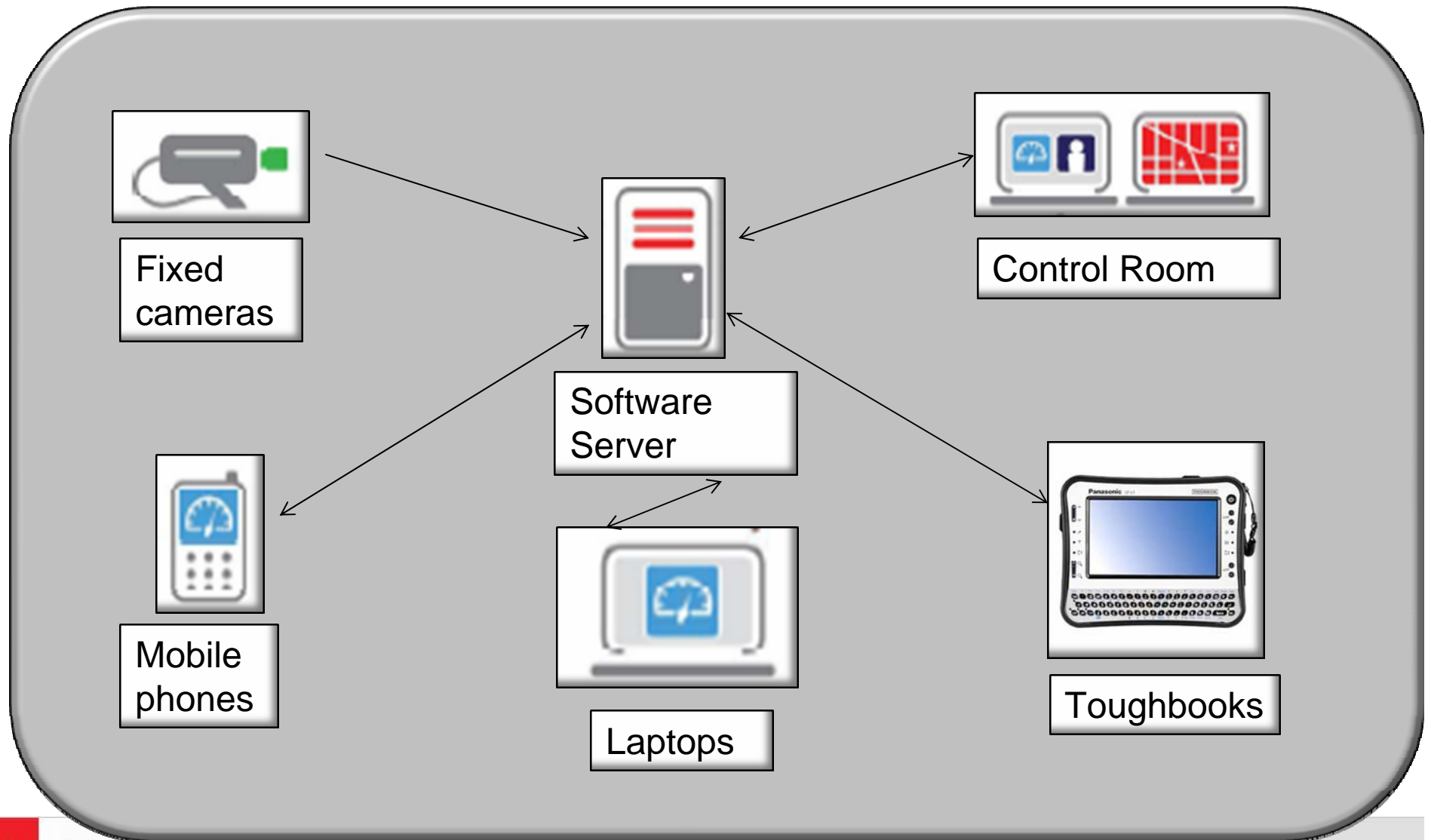
## What do you need to know – How Video may help

- What information is important to you during a spill event
  - » How many responders are available, what is their current location
    - GPS from field devices can update location of responders in real time, are they where they need to be?
  - » Can I use video to review the event after the fact
    - Video sent between field devices to the response center is archived and can be viewed at a later time for analysis
    - Video is also encrypted which minimizes the chance of it being intercepted and used out of context





# A real time video solution





# Rapid Deployment Kit



## Working with existing systems

- Complement existing systems not displace them
  - » We are hardware agnostic, computers, field devices, fixed cameras, IR cameras, mobile phones
  - » System enables video or screen images to be sent to multiple locations at the same time whether command enters, field staff or offices
  - » System may be used as a collaboration transport system for all types of image information if you can see it on your computer screen we can transport it
  - » Provide the mobile component to existing office collaboration systems
  - » We leverage your investment in technology we do not replace or displace it



## Working with existing systems

- Collaboration potential
  - » Lots of new technology was used in the recent gulf spill creating new displays and many people wished to make use of the new graphical information once they learned of it
  - » With graphical presentations designed out of need they are not easily integrated and have to be shared in an ad hoc way and is a challenge to share the images efficiently
  - » System may be used as a collaboration transport system for all types of image information if you can see it on your computer screen we can transport it, transmit video or screen images to multiple locations simultaneously whether to multiple command centers, field staff or offices







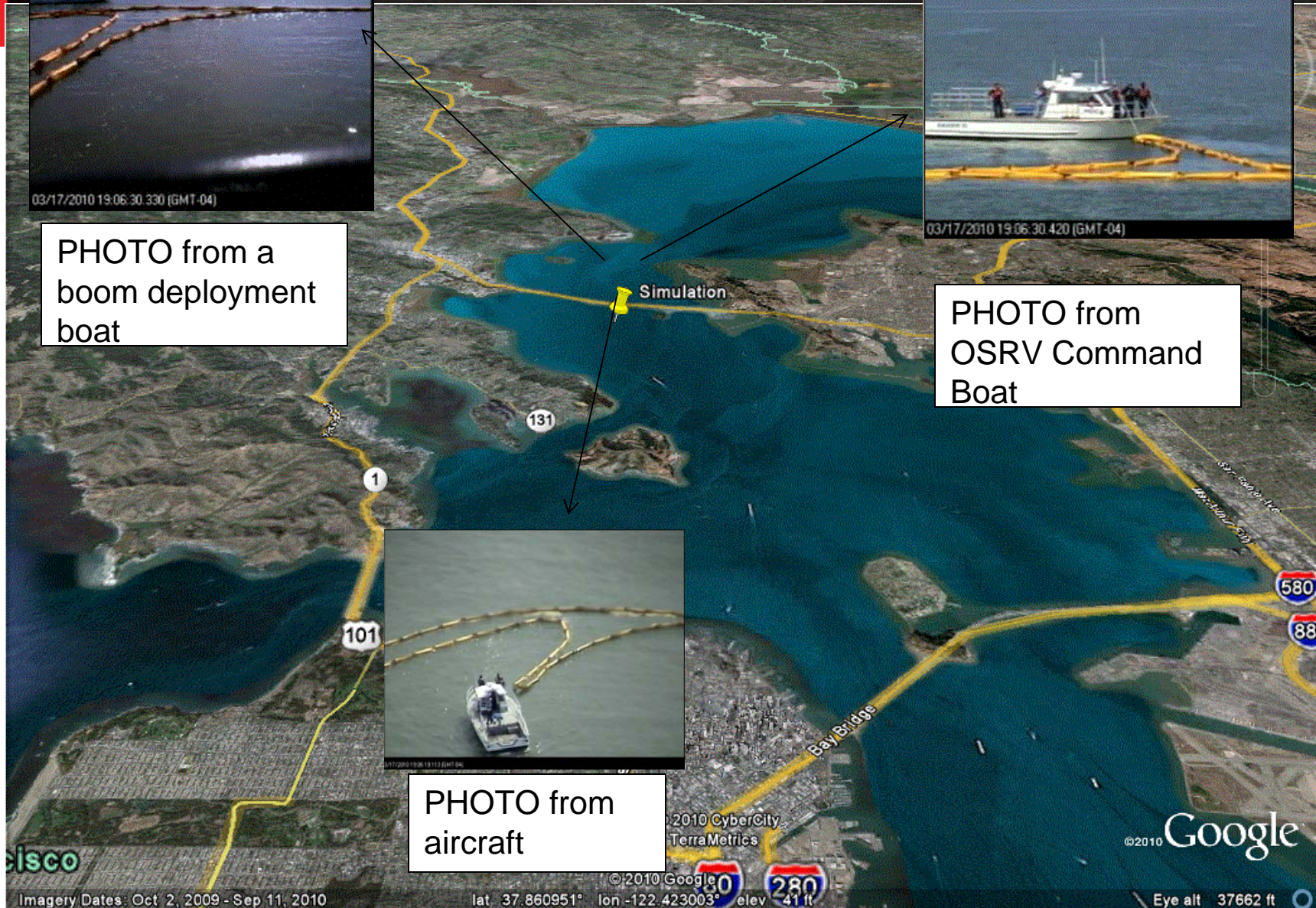
PHOTO from a boom deployment boat



PHOTO from OSRV Command Boat



PHOTO from aircraft







VIDEO -Boom  
deployment  
boat



Video Shore  
crew



VIEW in Response Center



VIDEO Aerial  
view



RealityMobile

## Benefits received from using real-time video

- » View real time video from field locations at other field locations, the response center or office locations. All team members are instantly brought to the same level of understanding
- » Connect people in real time so they may communicate instructions that are immediately actionable – regardless of location
- » Receive the most current video information and graphical displays in a timely fashion
- » Analyze what was done and steps to control the event
- » View initial extent and final extent of event using video to define the impact of the event
- » Provide a mobile collaboration system that may not currently exist





# Spill response application





Thank You for your attention.

I would be pleased to take  
questions regarding our  
RealityVision product.

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