

# The Technological Evolution of

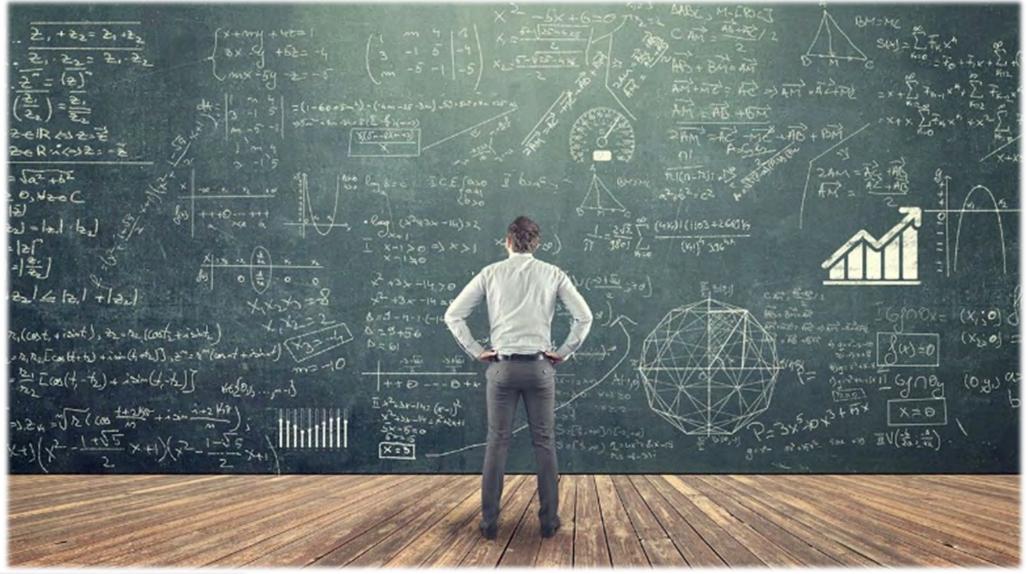
Dredging

WEDA Gulf Coast Chapter Mobile, AL November 2021

Presented by DSC Dredge, LLC
Bob Wetta, President & CEO

## Discovery vs. Technology











## Discovery vs. Technology









## Why Technology?

A better way to solve problems

To find a more efficient and/or accurate way of doing something

Long -term reduction of costs

Can be adopted to increase safety

Can be adopted for environmental benefits

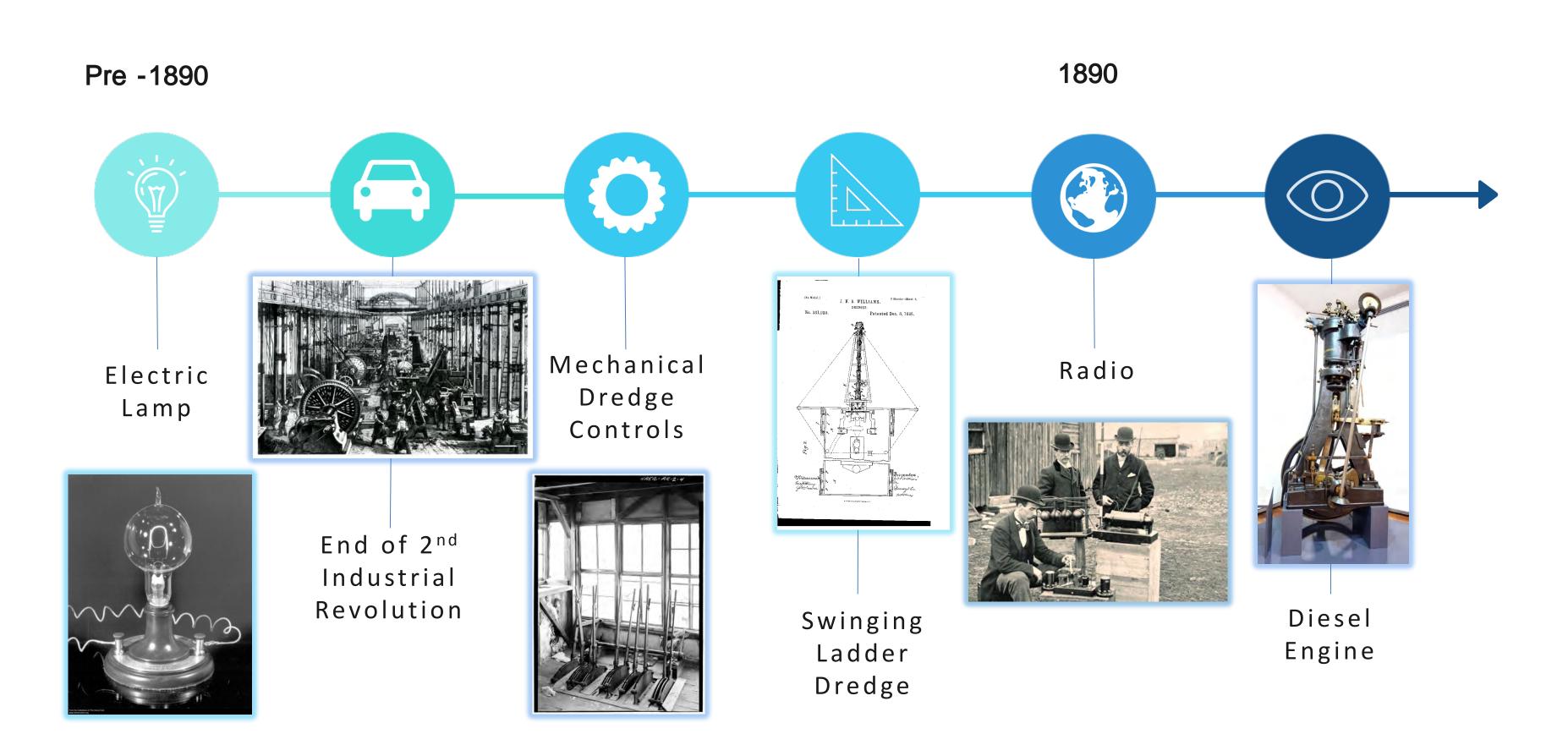
Can produce new technologies or new discoveries

## Dredging Technology

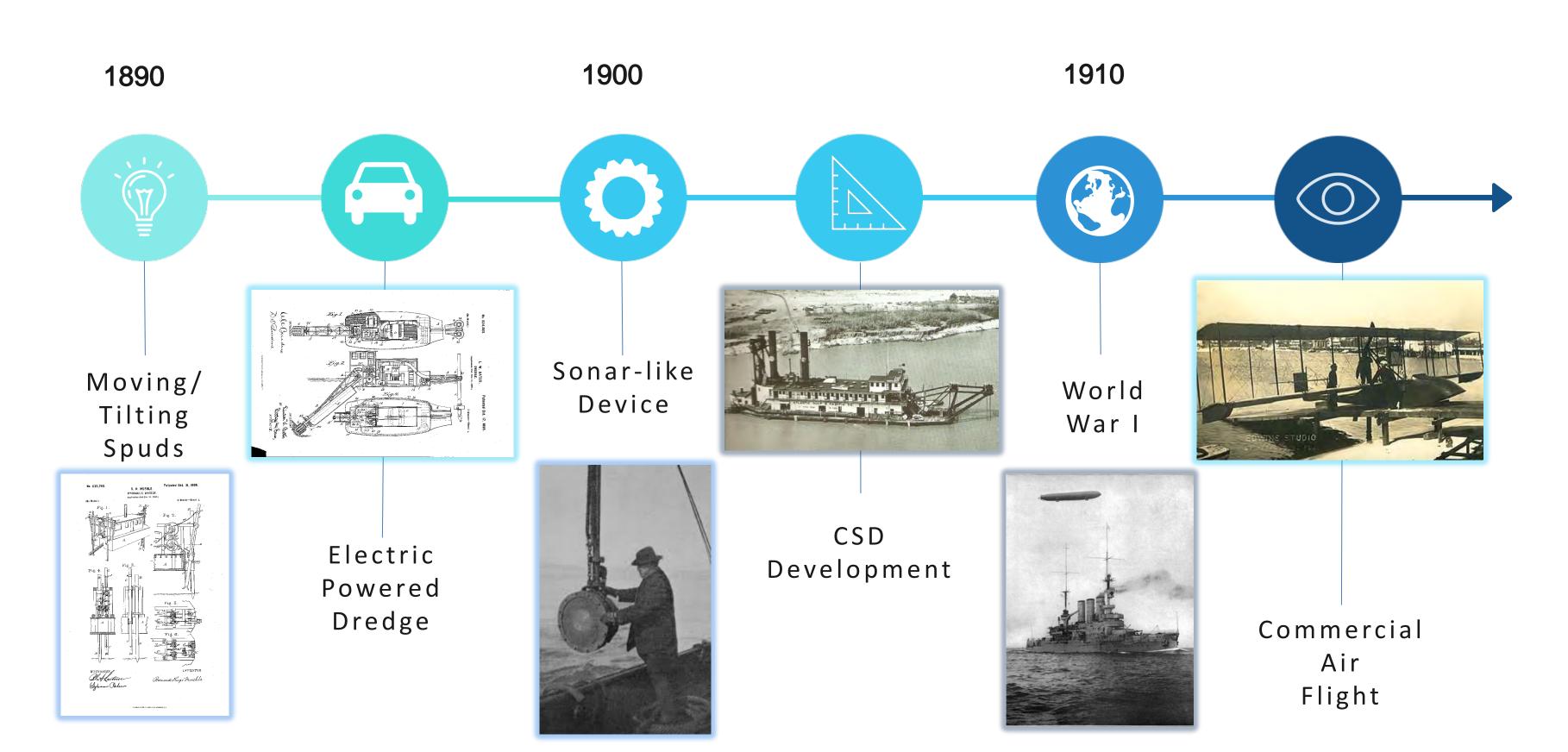




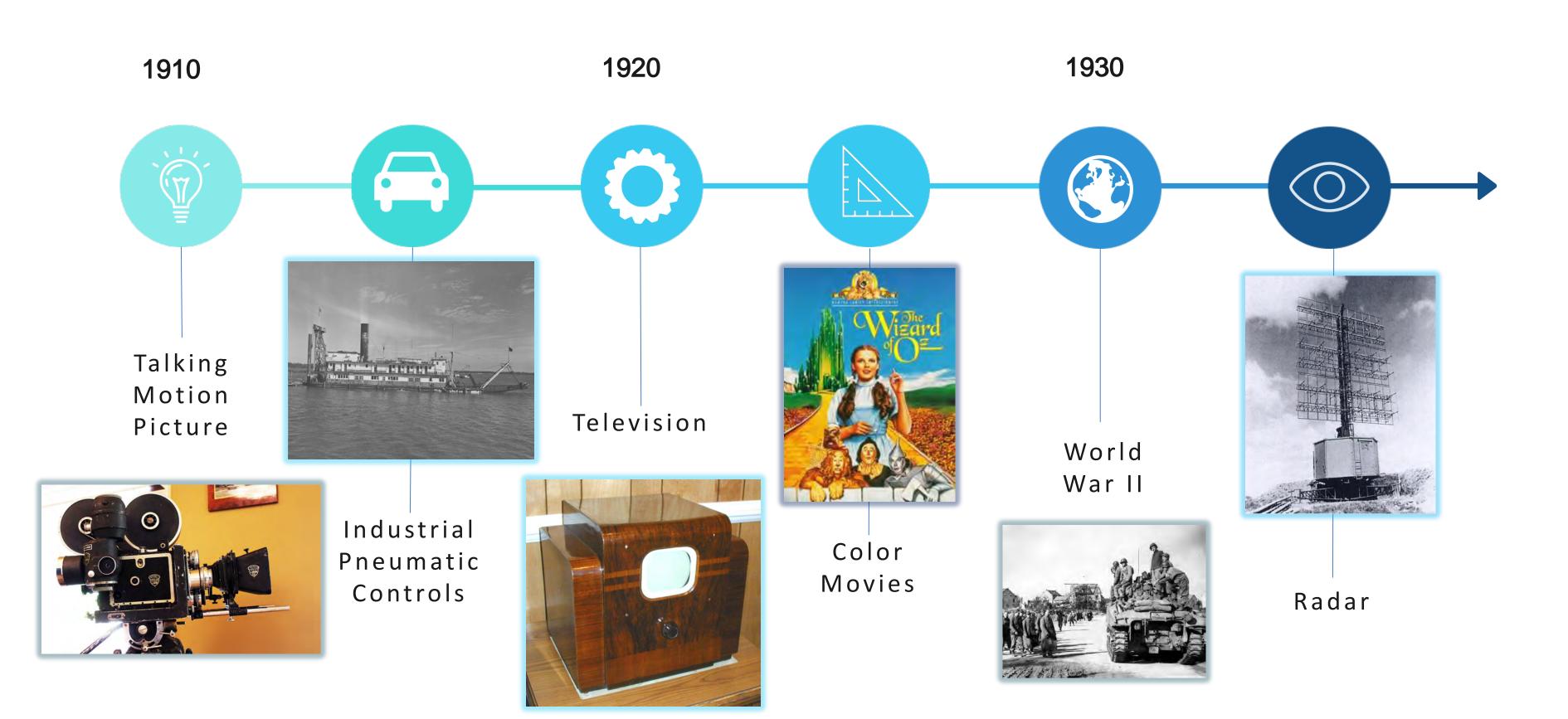




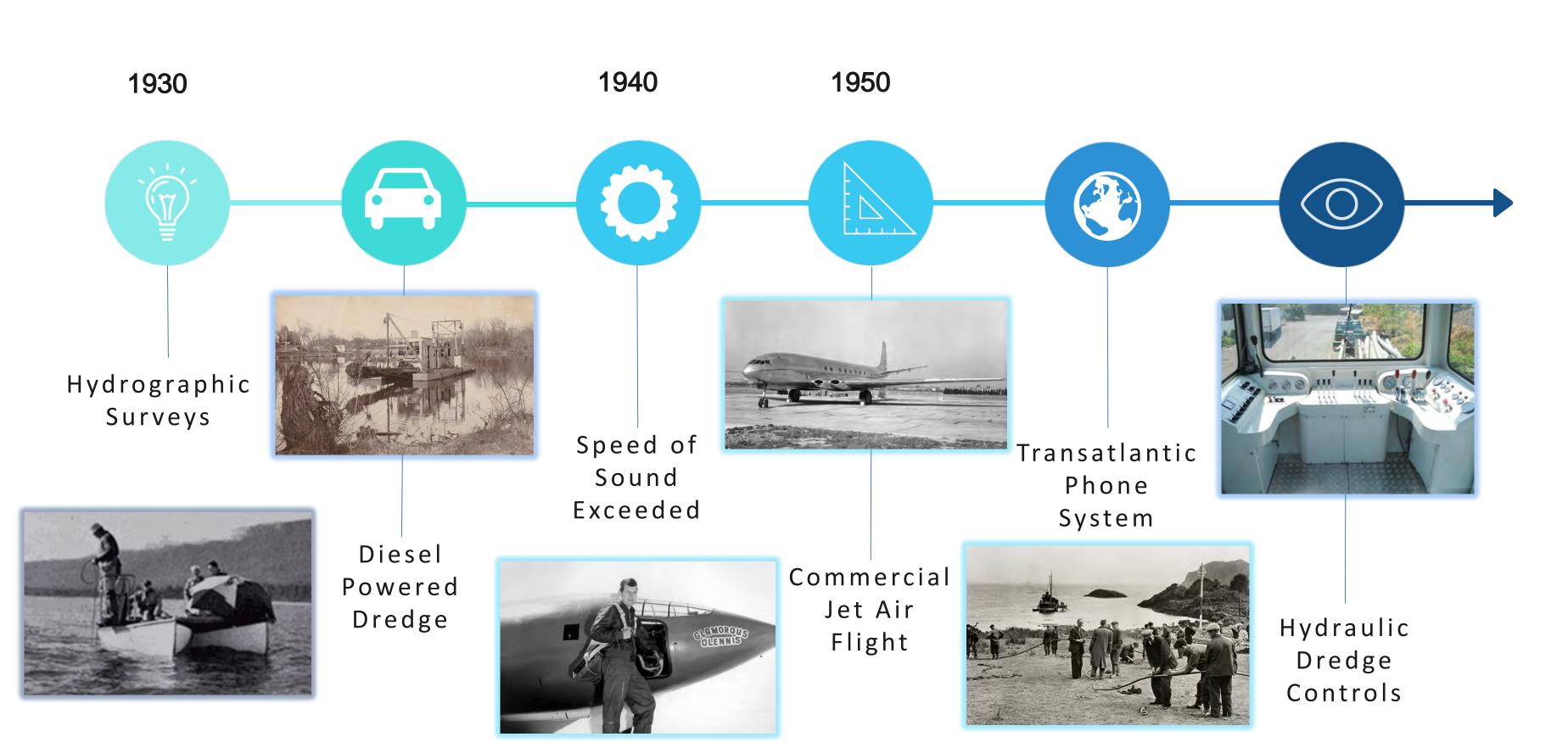




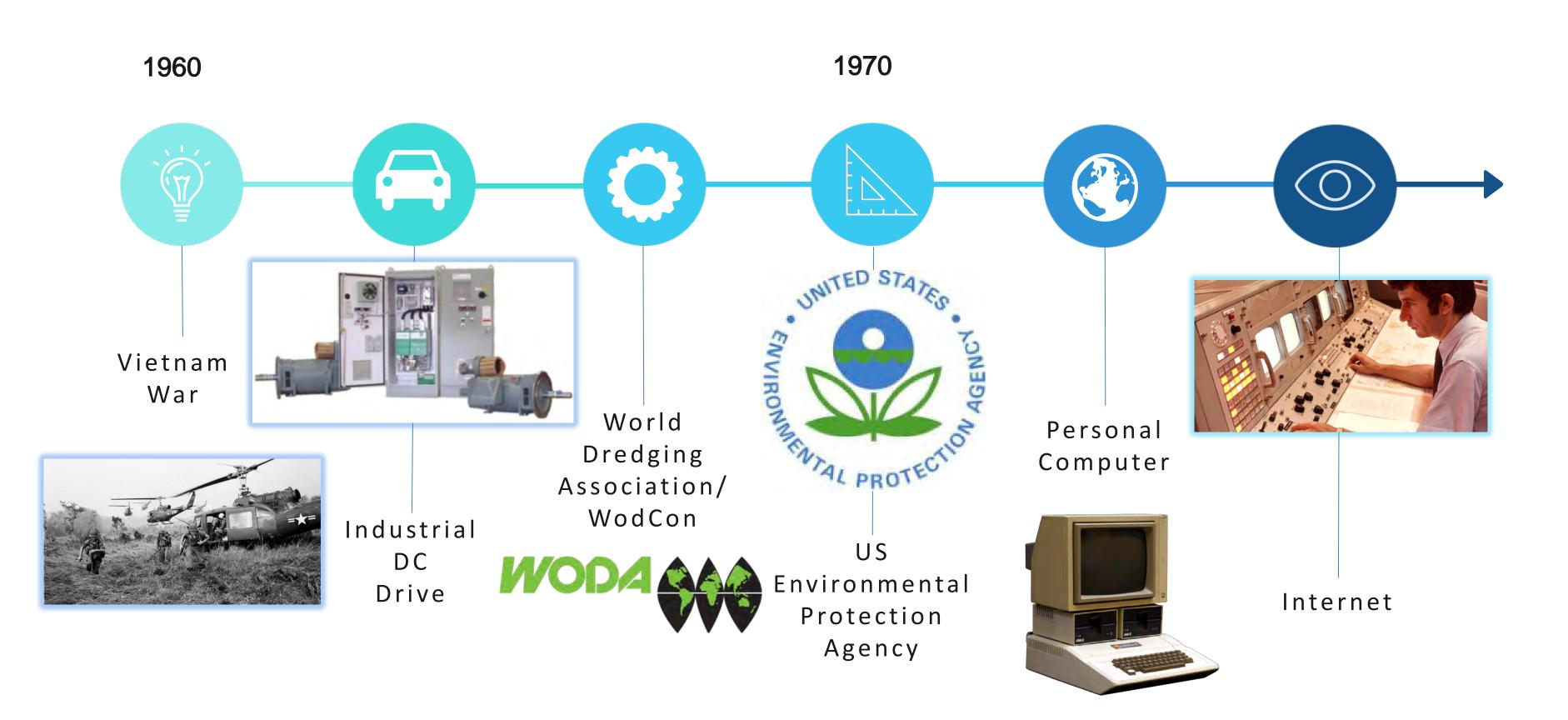








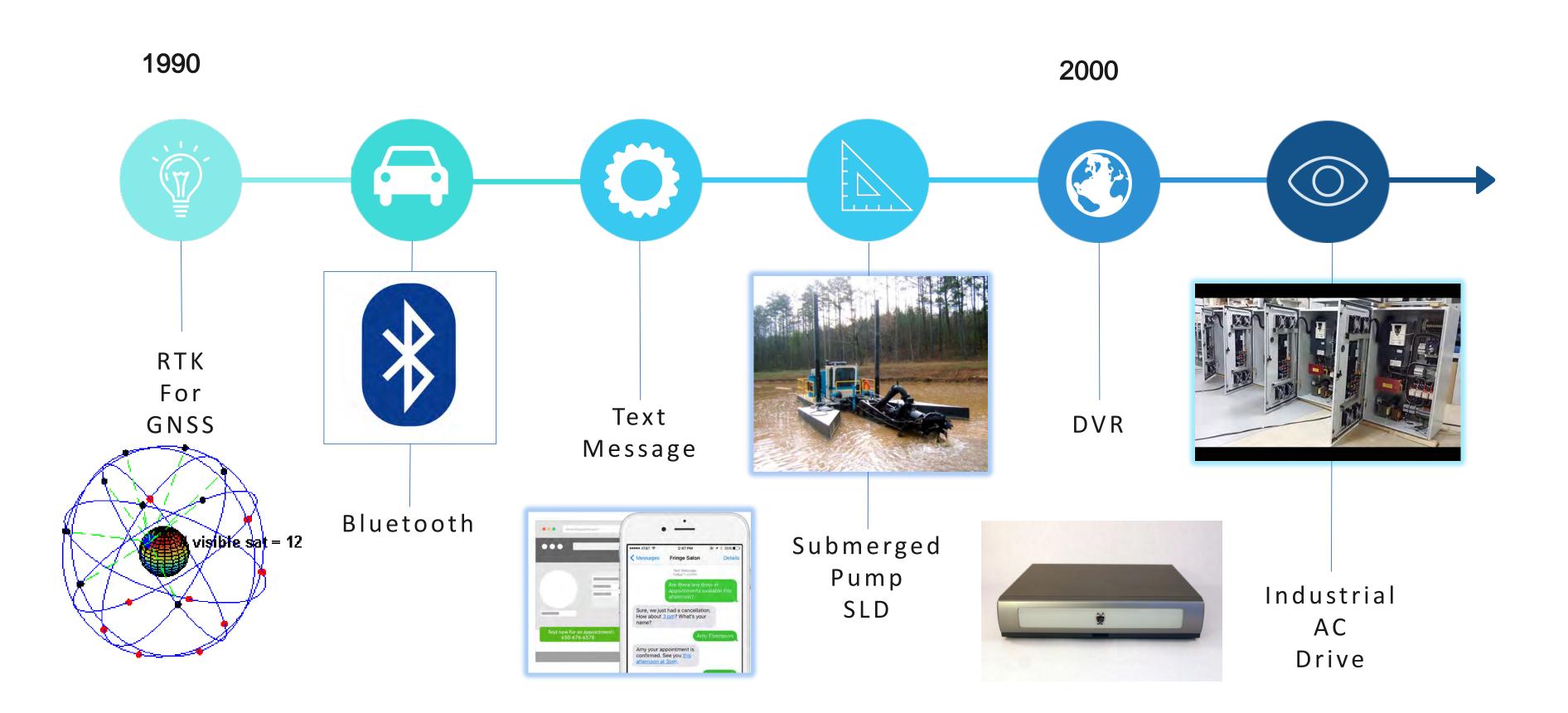




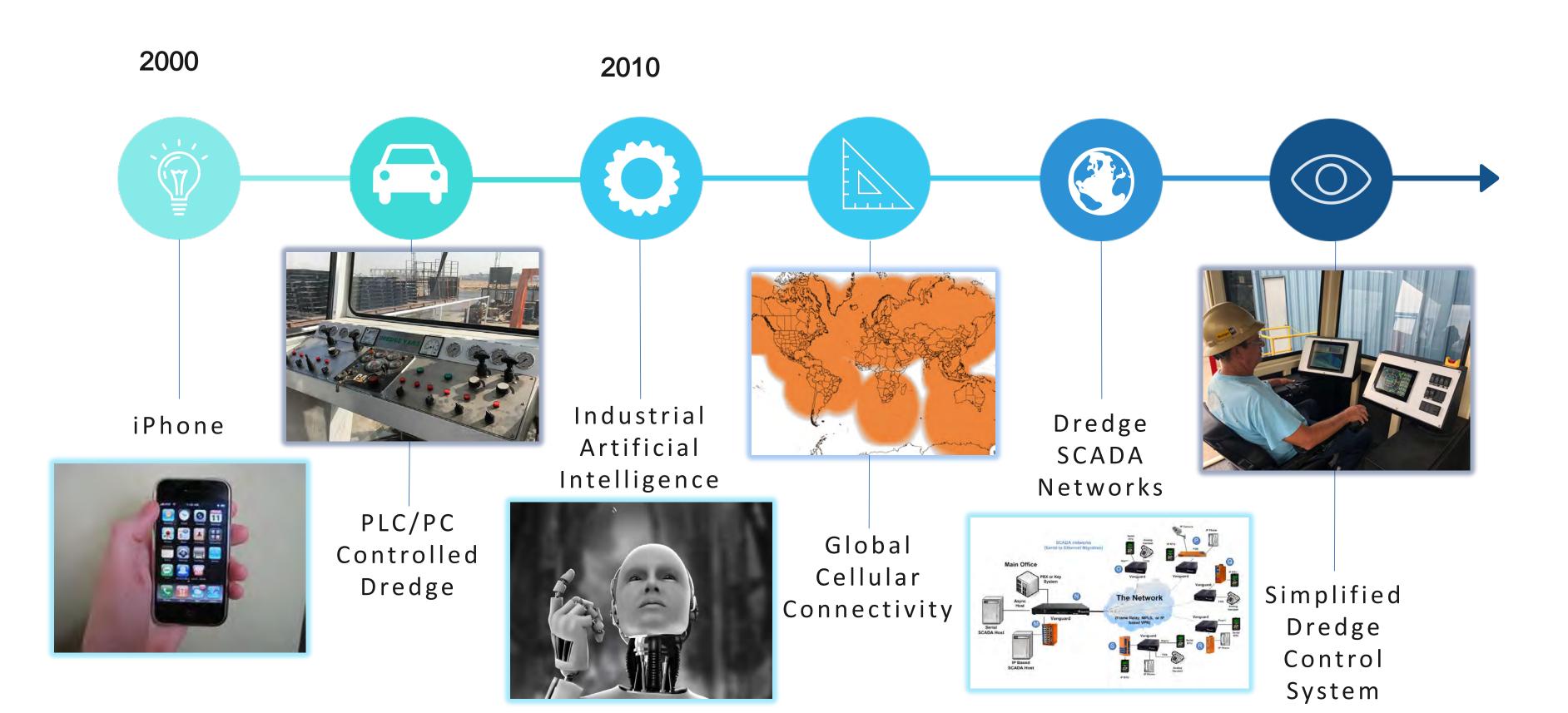




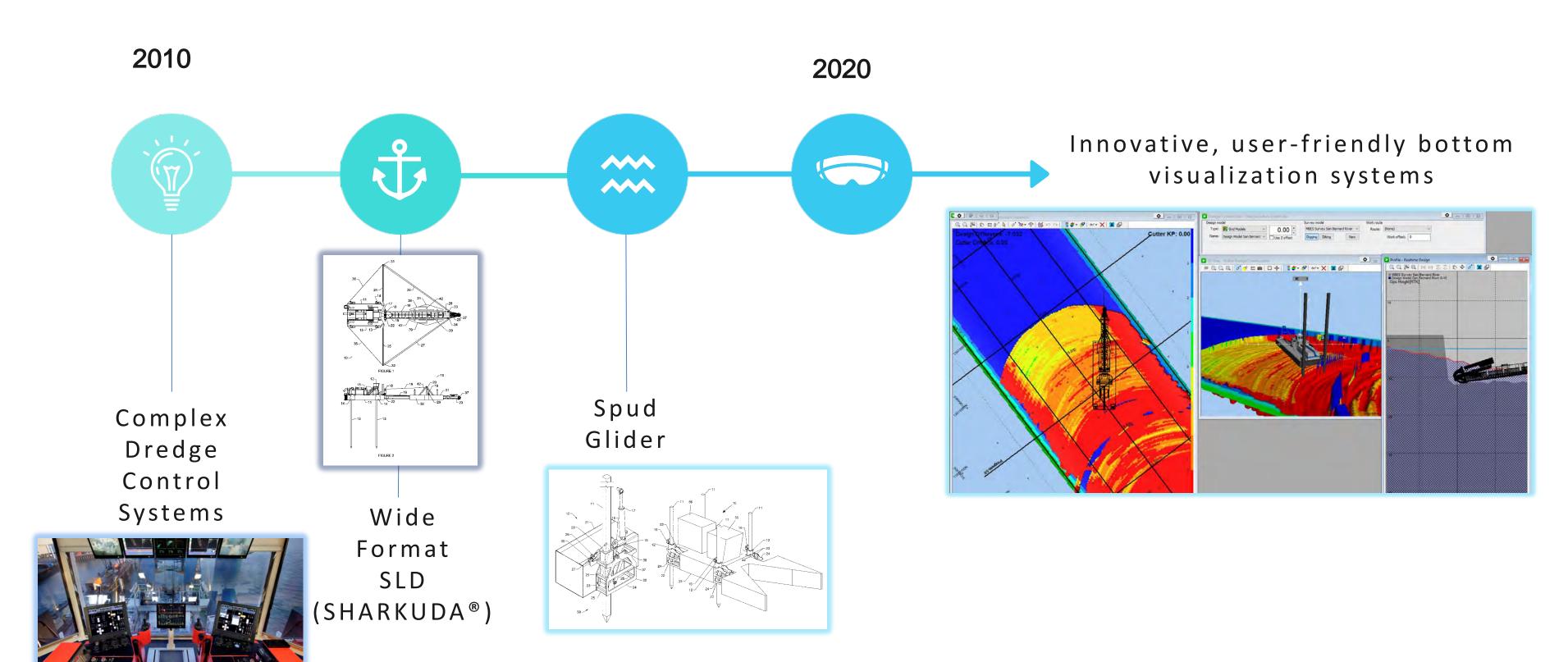












### Merging Technologies

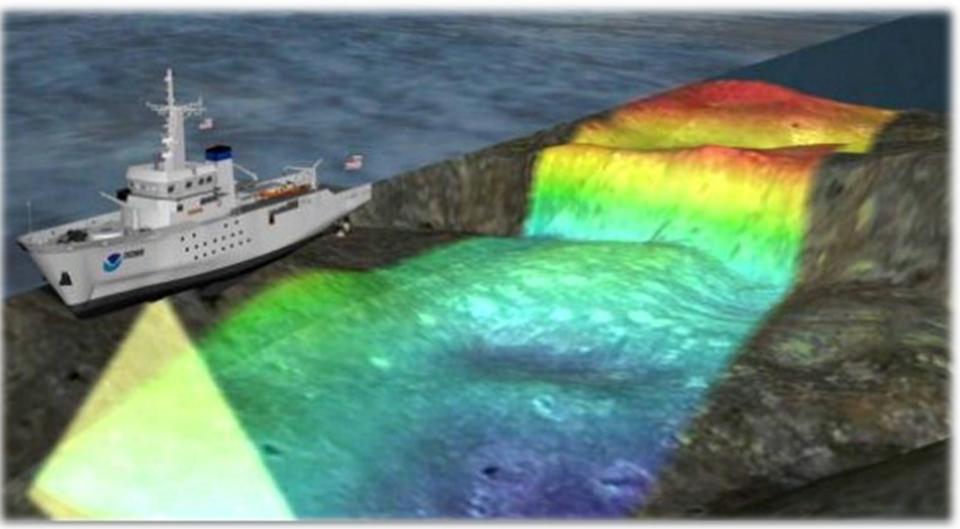




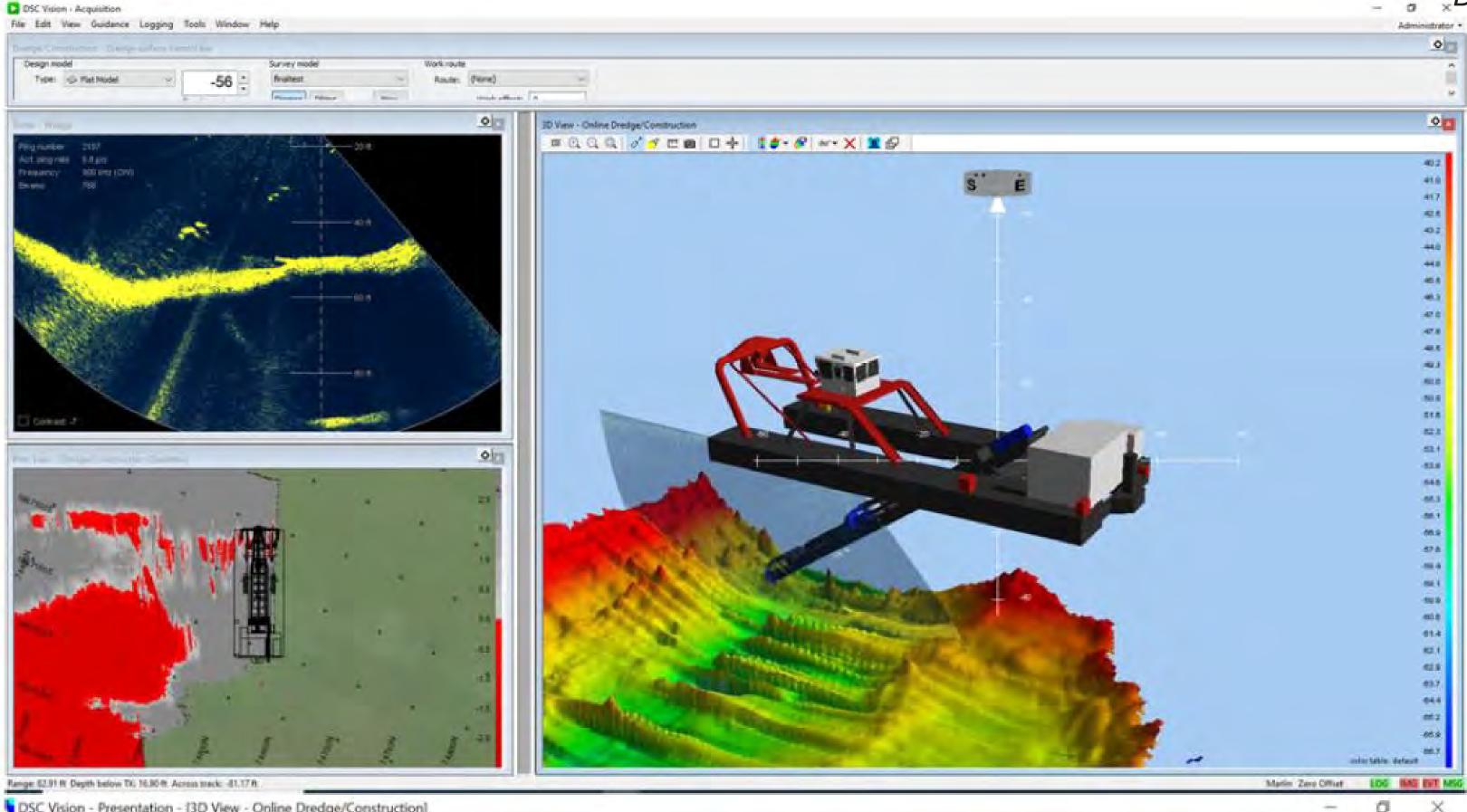




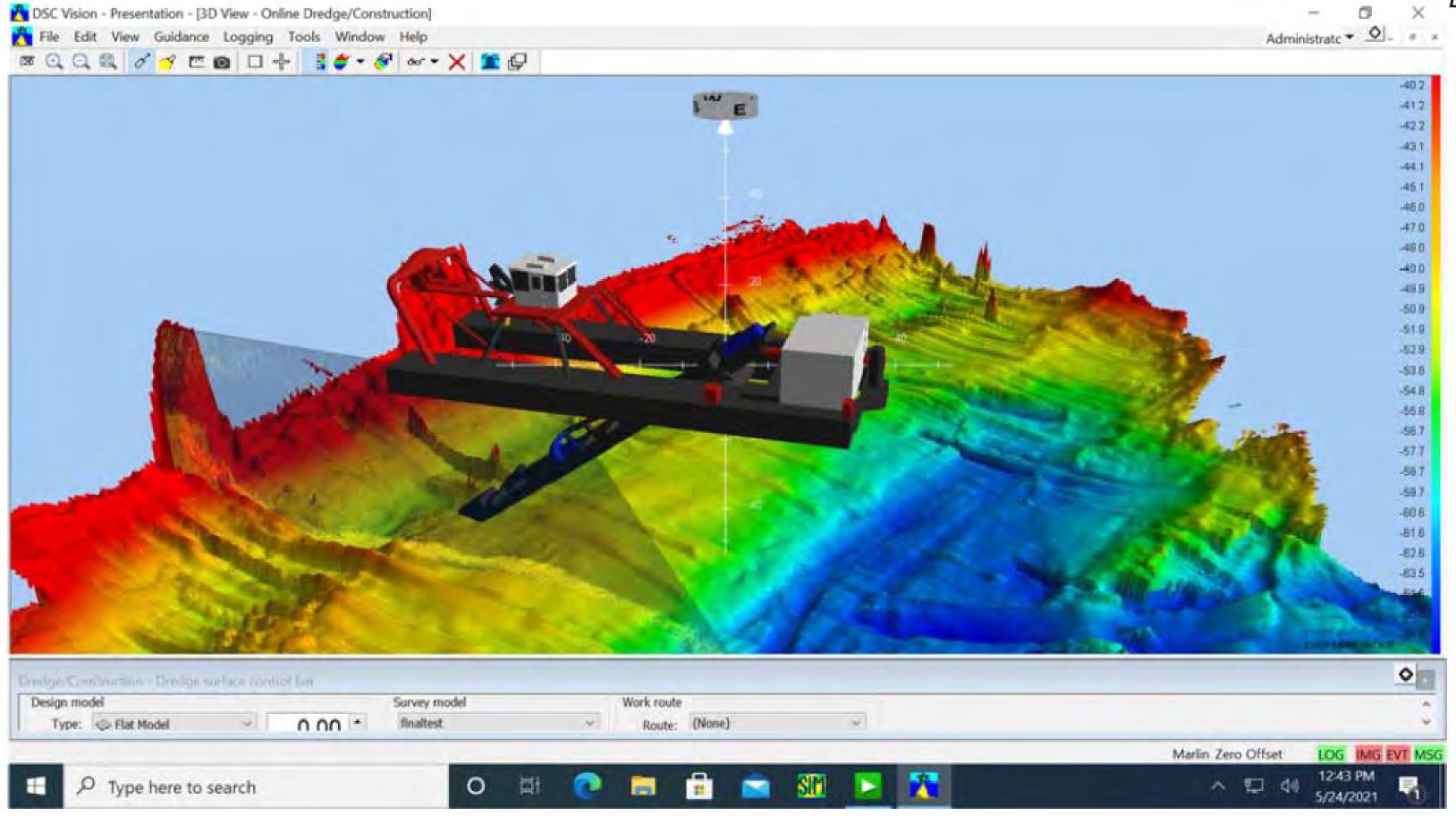














Multi -beam Sonar [accurate visibility underwater]

GPS Positioning [accurate location]

Remote Connectivity [monitoring, data storage]



#### The Possibilities



- Serves for pre/post survey
- Accuracy [minimizes over dredging, remobilization to missed areas] \$\$\$
- Lessens traffic on the water [safety]
- Lower traffic = lower emissions [environmental]
- Will we adopt or continue to lag behind other industries?
- R&D to show proof to all stakeholders

