

Digital Technology Is Transforming Our World

Enabling Humans to Be Enormously Successful

Advancing Our Civilization

Humans

Digital Technology

Changing How We Think Reshaping Our Existence

. . . And Rapidly Changing Our World

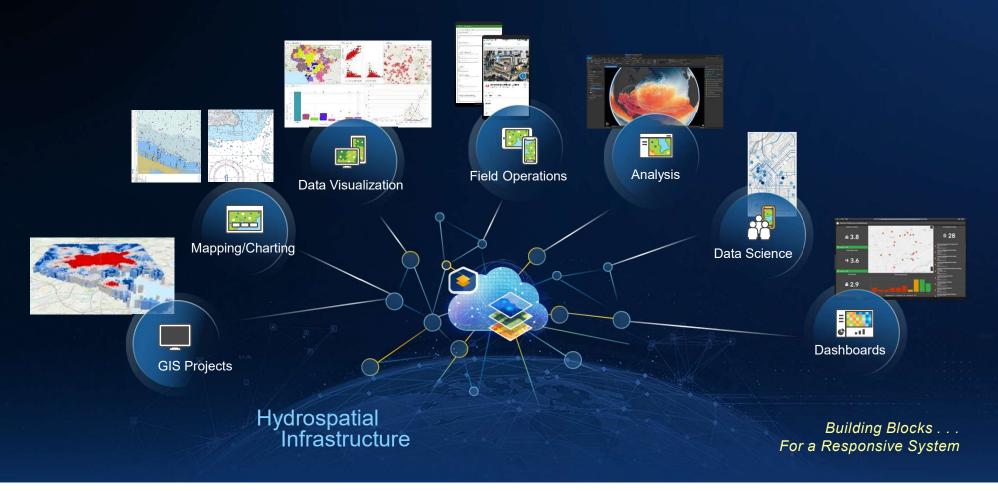


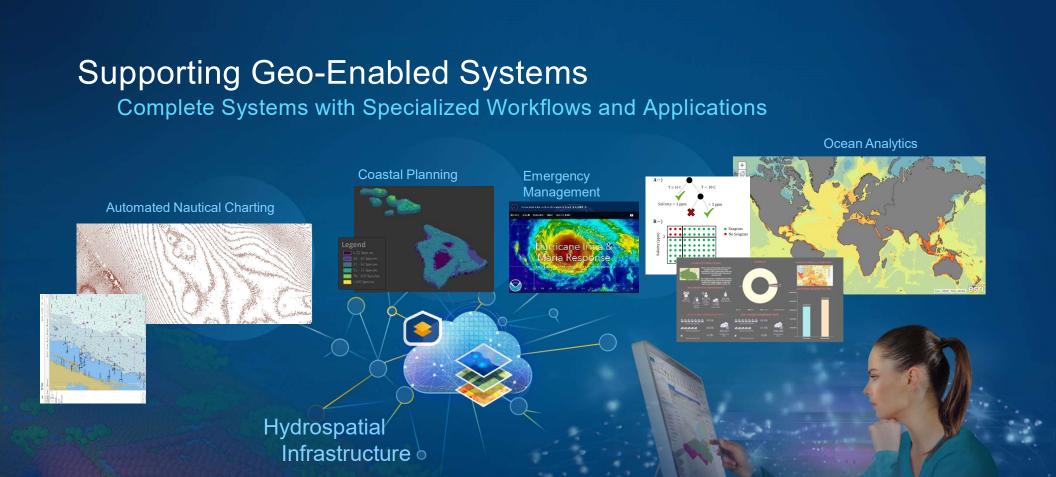
Action

The Foundation for a Hydrospatial Nervous System



Delivering Powerful Capabilities Across Organizations





Integrating Open Science, AI and Machine Learning

Revolutionizing Spatial Analysis and Data Science



A Hydrospatial Infrastructure will Transform Organizations

Interconnecting Information, Processes and Workflows . . .

... All Happening at the Same Time



The Hydrospatial Revolution Is Just Beginning . . .

The Hydrospatial Nervous System . . .

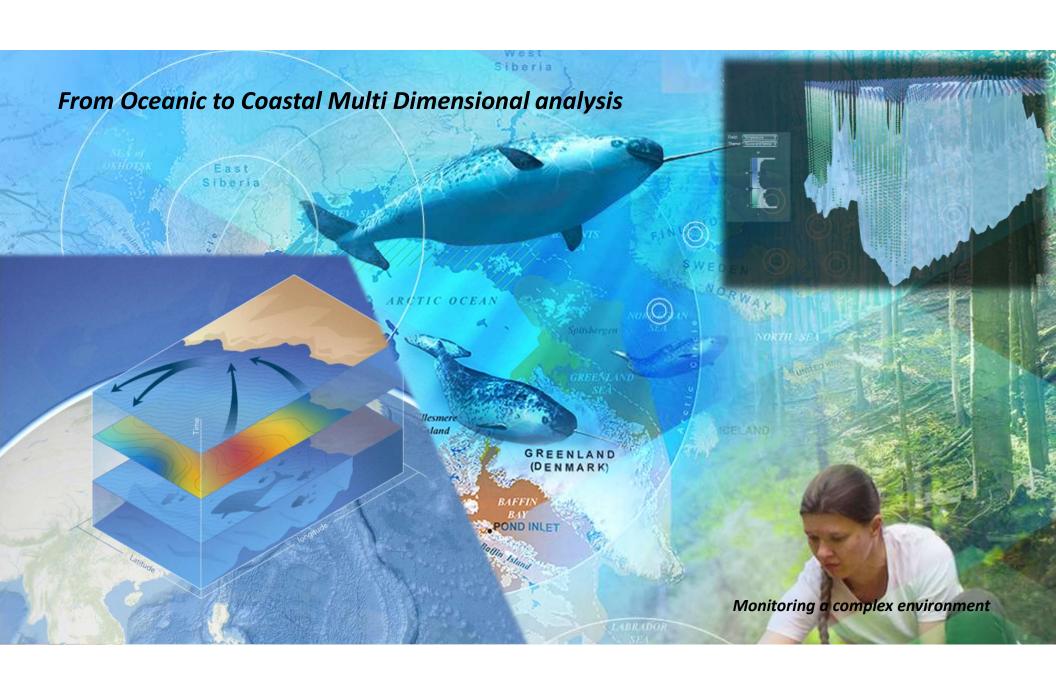
... That Emerges



... Will Profoundly Transform Our World









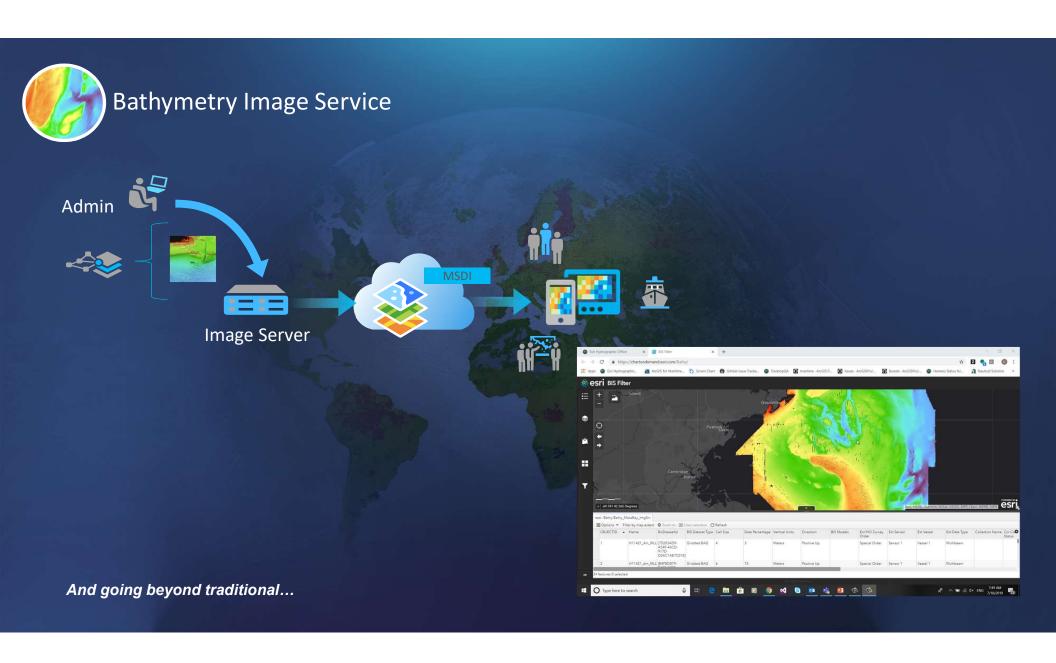
The Bathymetric Information System



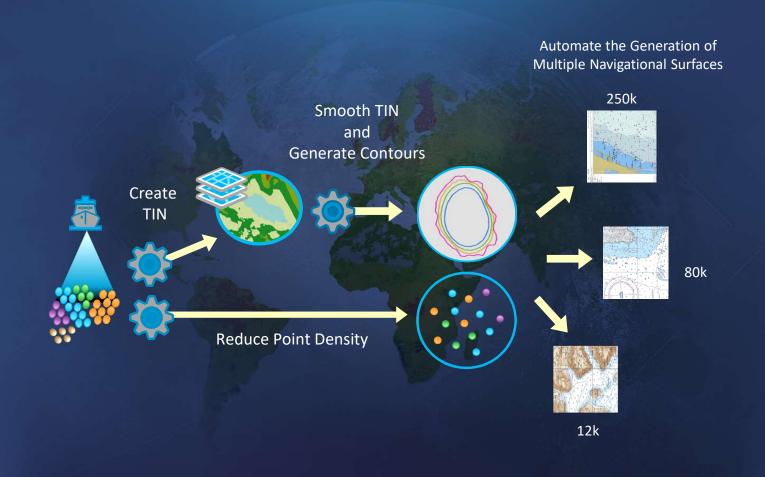
Manage

Register datasets to BIS and tag with metadata

bathymetry inventory using seamless surfaces & leverage metadata to metadata to deconflict areas query for datasets of overlap



Automated contours and sounding selection

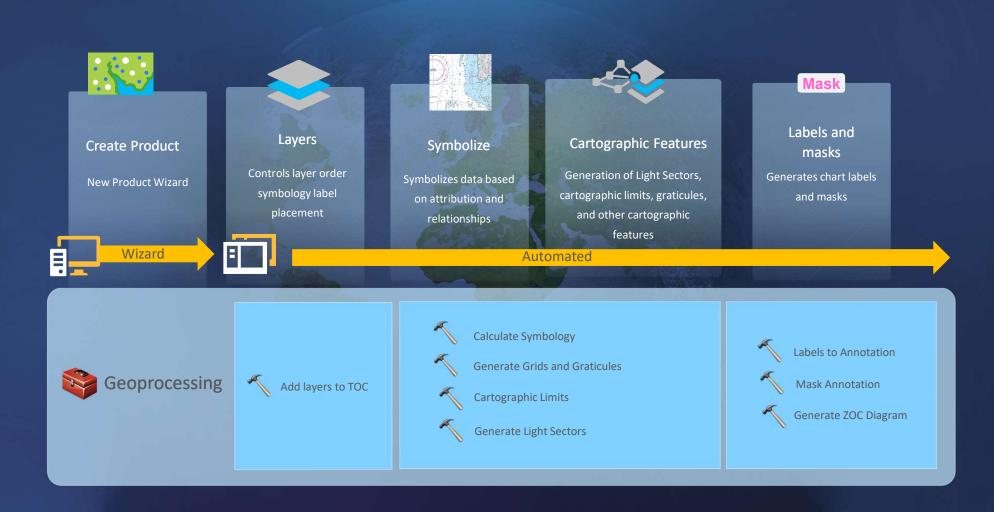


Automated Data Validation (S-58)





Chart automation

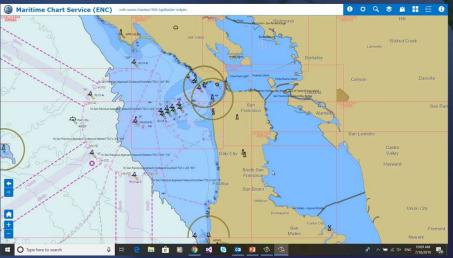


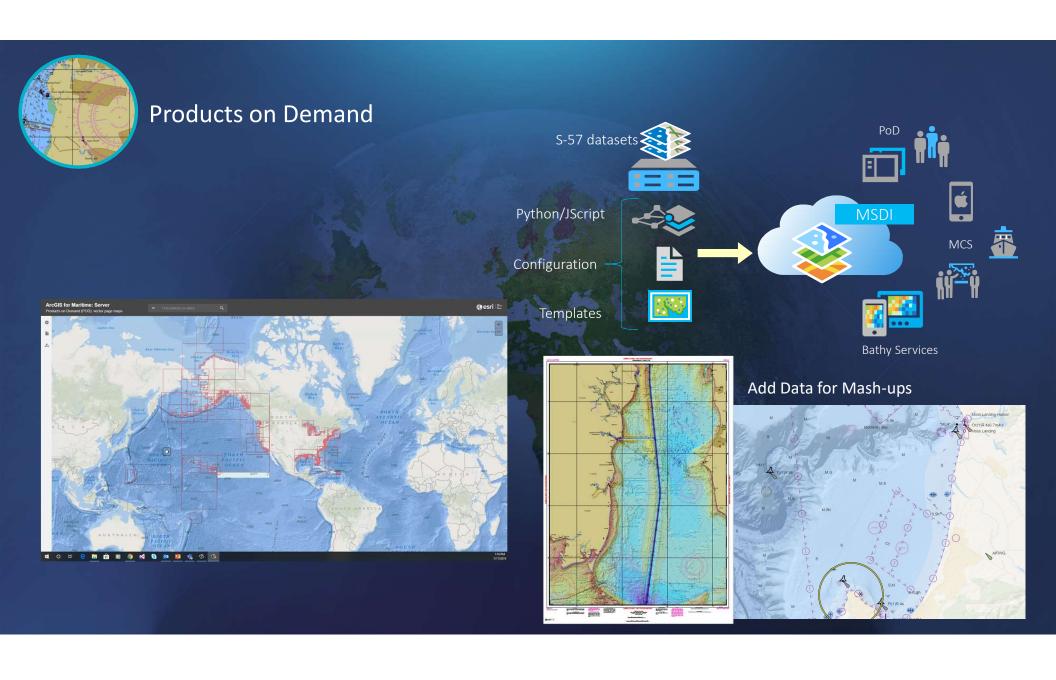


Maritime Chart Service

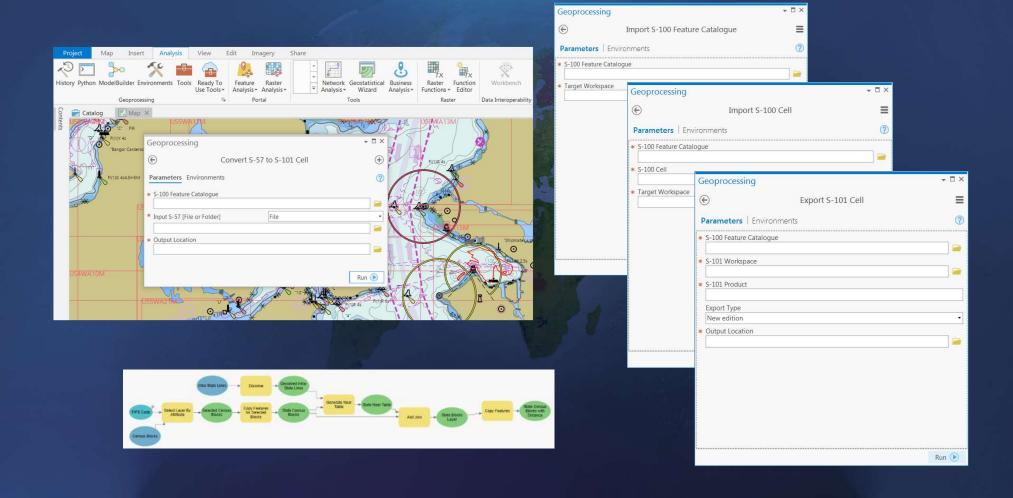
ArcGIS Server







Automated S-100 Tools



Enhanced S-100 editing tools

Association Manager



S-100 Attribute Editor

Attributes

Selection Layers

Wreck_P (2

■ SeaAreaNa

GB2135

GB2135

GB2135

S-100 Attribu

featureNa

System Att

langua

Change the selection

Attributes

Selection Layers

Wreck_P (20)

p featureName

displayName

language

scaleMinimum

> System Attributes

Auto Apply

Change the selection.

▲ SeaAreaNamedWaterArea_A (33)

GB213513030000688 GB213513030700688 GB213513033700688

GB213513035200688

GB213513036300688

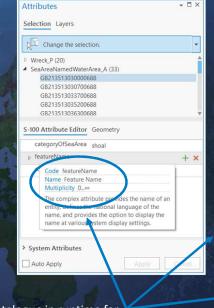
S-100 Attribute Editor Geometry

Ocasek Bay

Cancel

Apply

categoryOfSeaArea shoal



Feature Catalogue in runtime for tooltips and validation

Maritime ribbon



ArcGIS Online Maritime Product Support



http://esriho.maps.arcgis.com/home/index.html



Building an Intelligent Nervous System Is More Than Just Technology

"We live in an age of knowledge; this is our superpower"

"Once you see, you can't un-see"

"Ignorance is killing us"

"Measuring, Analyzing and Taking Action"

"Bring Geo-consciousness alive"

"Making GIS the nervous system of the world"

Leveraging *The Science of Where* . . . To See What Others Can't

Watch it in its entirety here https://youtu.be/ivZzxlq6S8M

