

# Teledyne CARIS

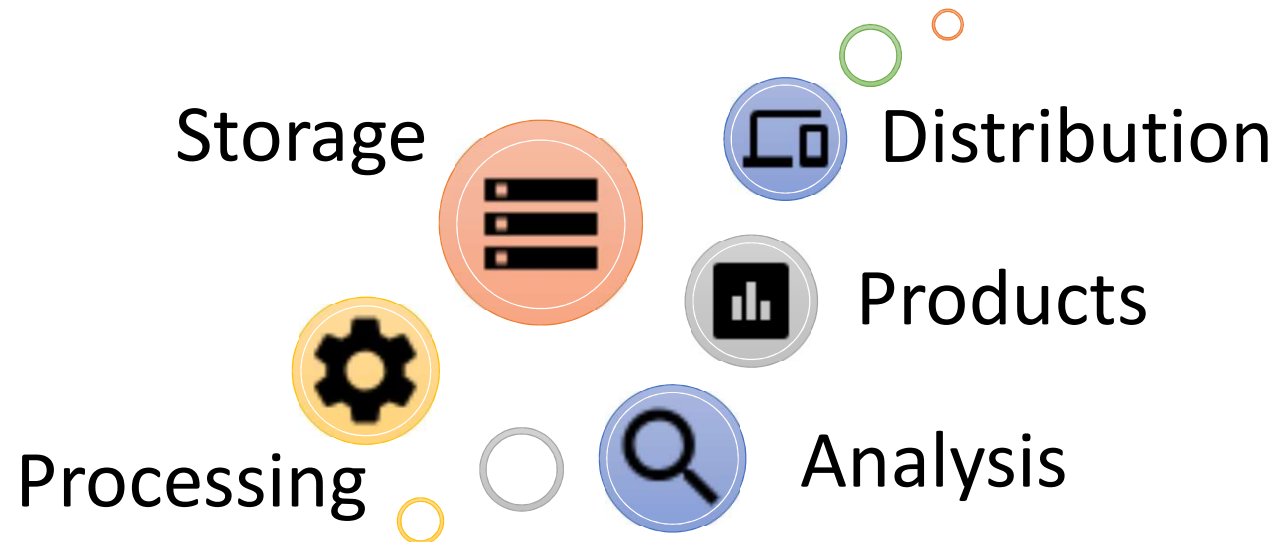
34th North Sea Hydrographic Commission Meeting  
28<sup>th</sup> April 2021

From Vision to Production:

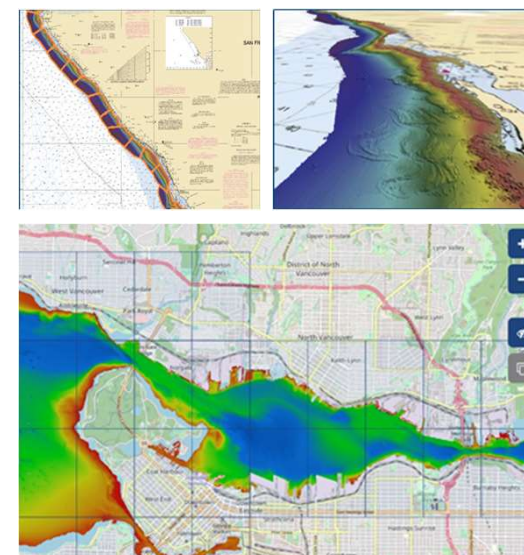
Incorporating new technology and techniques into your CARIS workflow to prepare  
for the dynamic future of hydrographic products and services

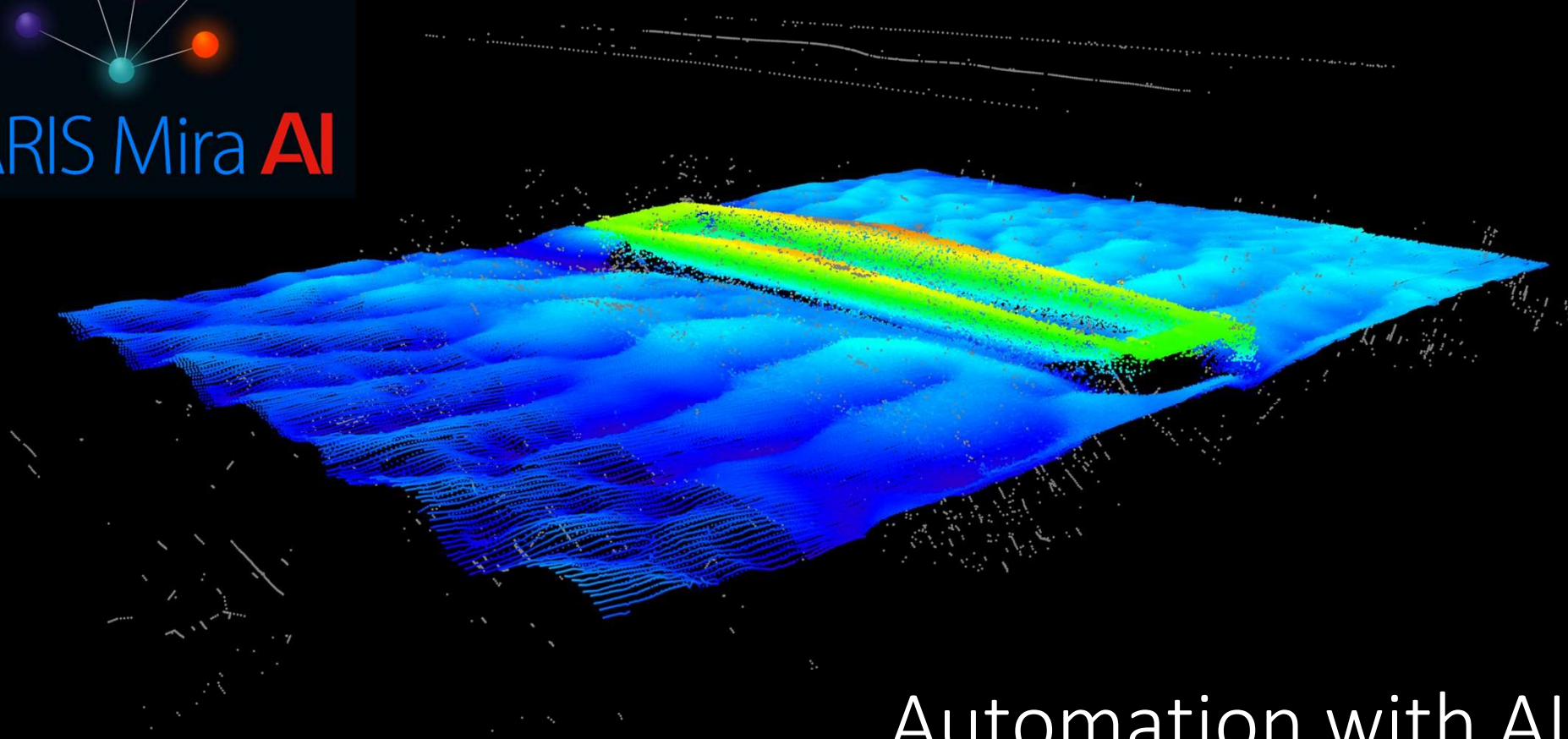
Trish Buxton – Regional Sales Manager

# The New Ping to Chart



# Vision to Production



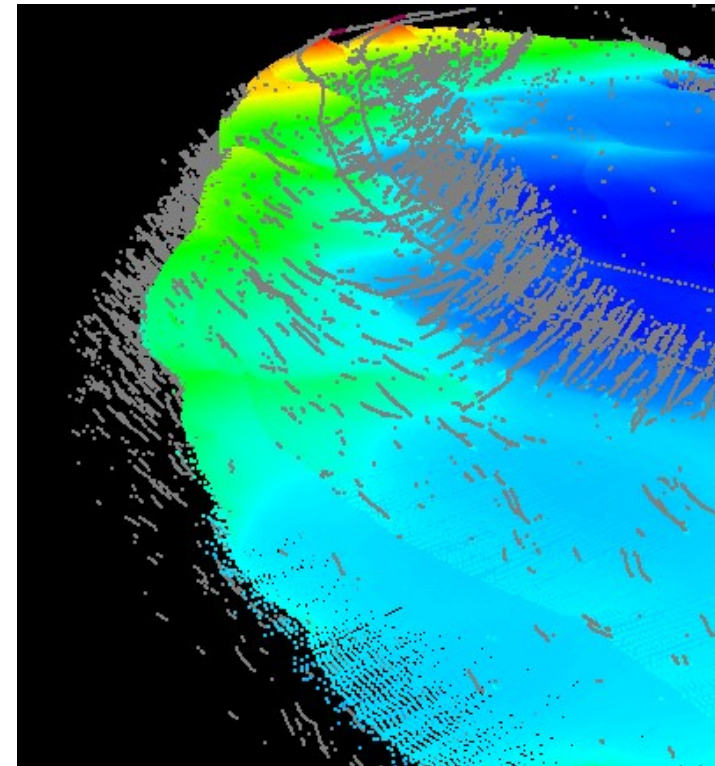


Automation with AI

# Sonar Noise Classifier

Automatically identify and remove noise

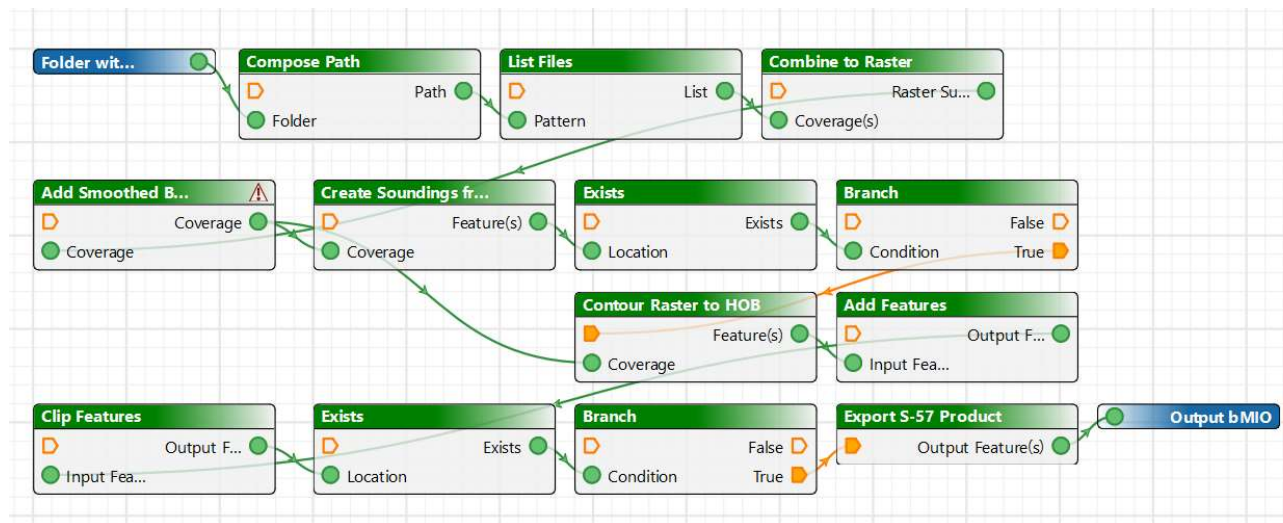
- Integrates seamlessly with the HIPS workflow
- **Significant** reduction in manual cleaning effort (2x – 10x)
- Leverages CARIS Variable Resolution technology for full scalability at any density and depth
- Designed to process large datasets quickly and efficiently





# Process Automation

- Capability for automation with Process Designer
- Define workflows to improve repeatability and quality
- Automate processing to gain efficiencies
- Save, share and execute customized workflows automatically from the desktop



# S-100: New Possibilities



e-Navigation (Image source: [Maritime Insight Korea](#))



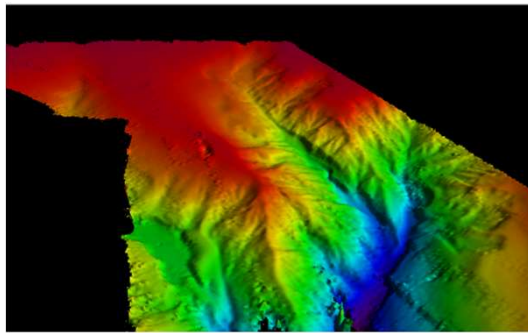
Autonomous shipping (Image source: [Safety4Sea](#))



Marine spatial planning



Marine protected areas (Image source: [National Geographic Society](#))



AI for marine survey and charting



