

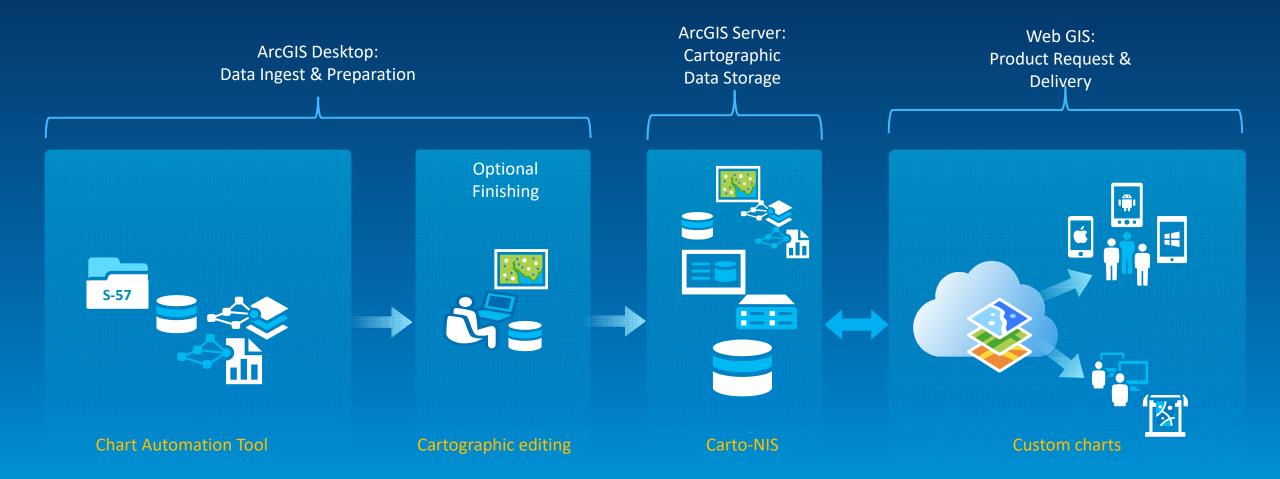
Charts on Demand: A New Revenue Stream for Hydrographic Agencies

Kevin Ingram, Senior Technical Manager, Maritime Rafael Ponce, Global Maritime Business Development Manager

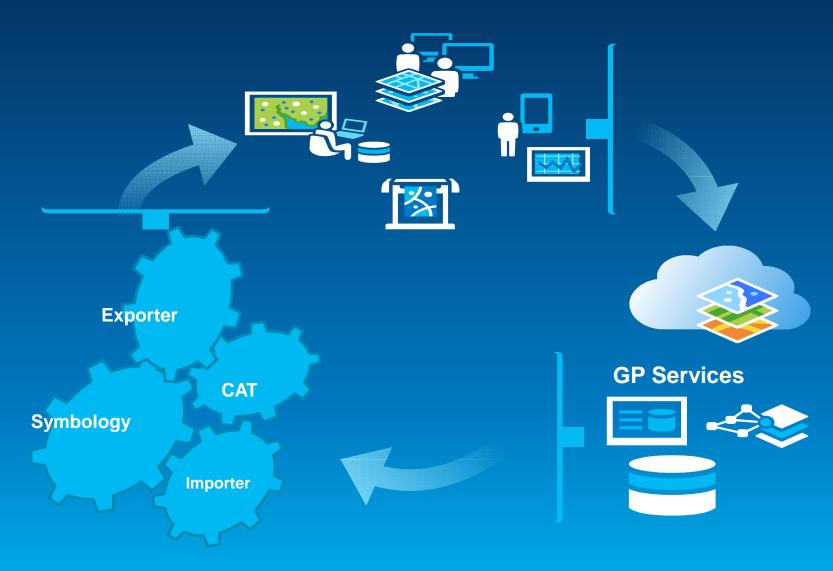
Challenges for Hydrographic Organizations



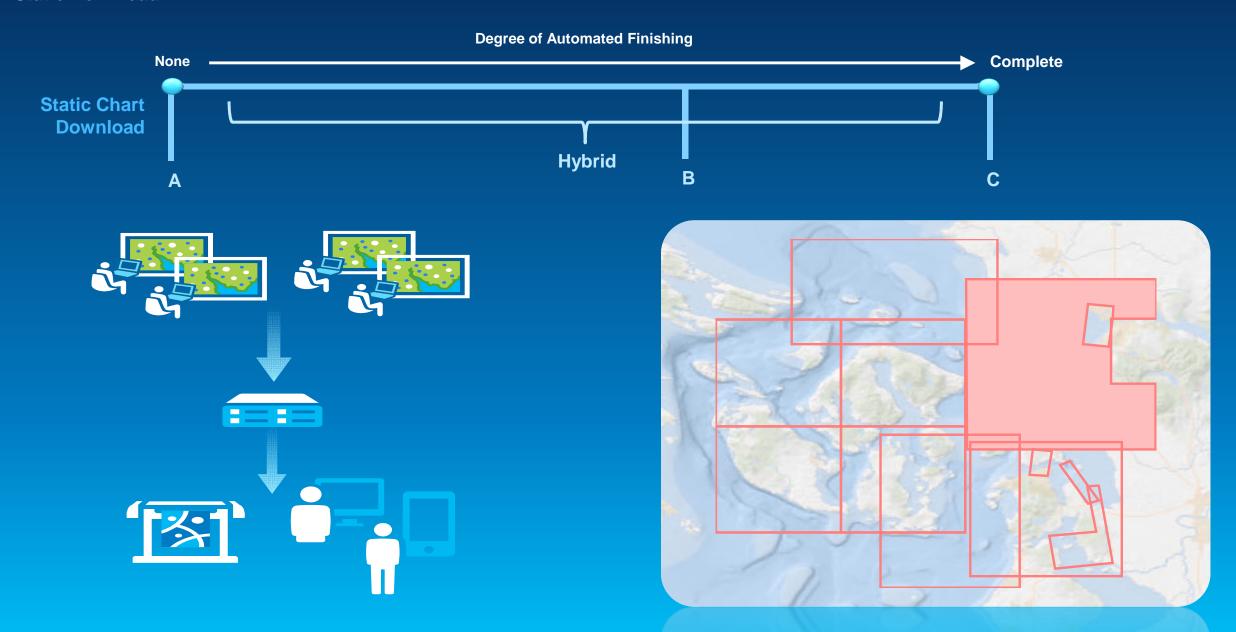
Charts on Demand



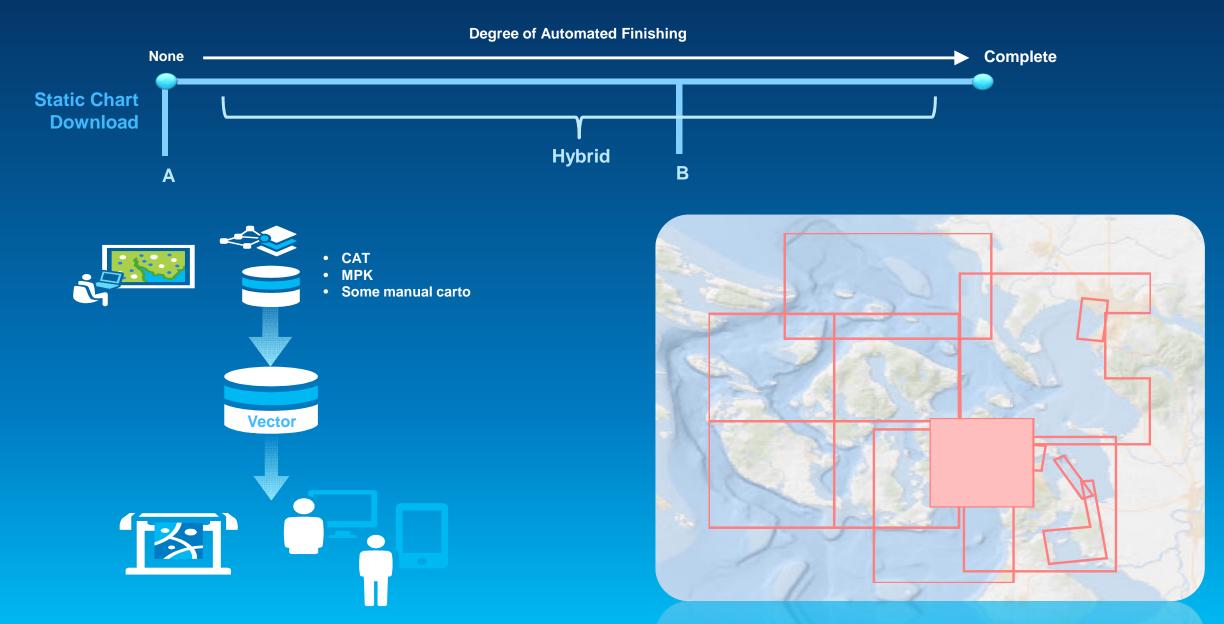
Charting in the Cloud: Defined



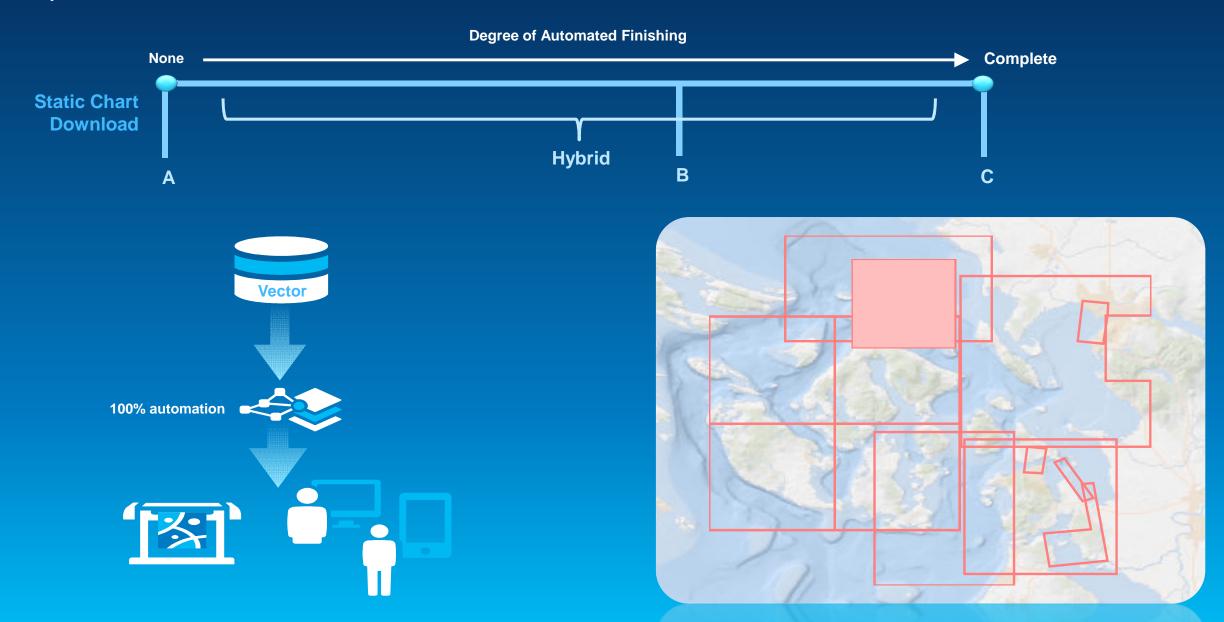
Static Download



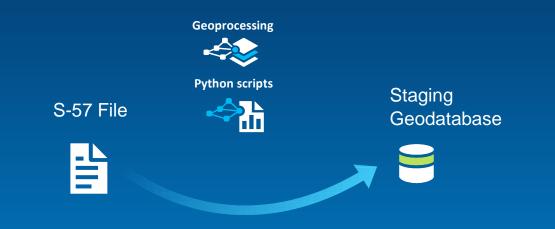
Hybrid



Complete Automation



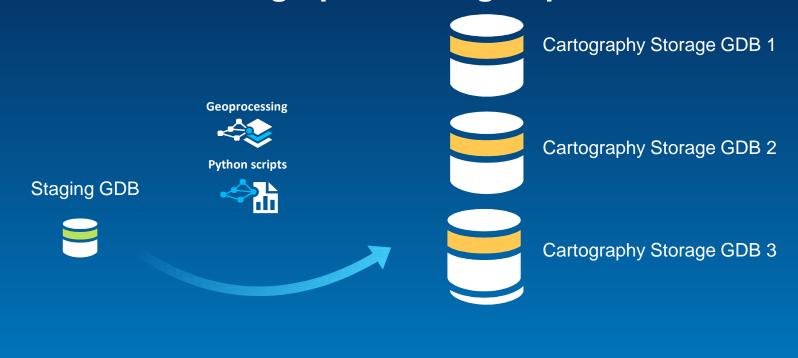
Automated Chart Data Preparation





....hundreds of manual steps replaced by automation....

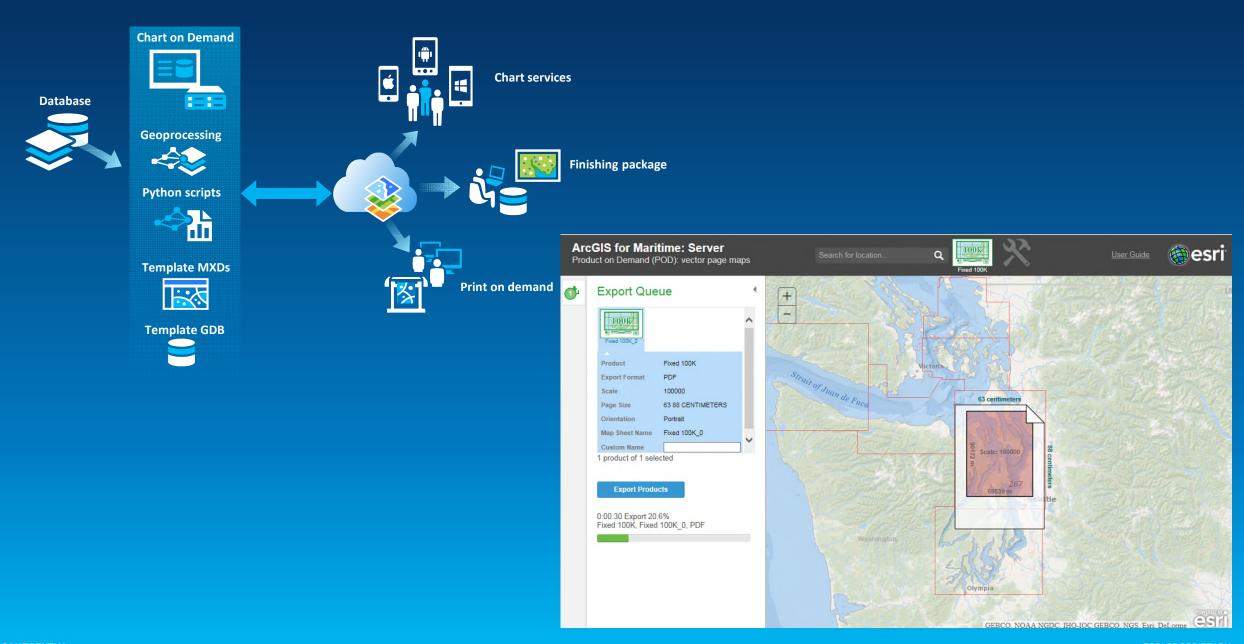
Automated Cartographic Storage Update

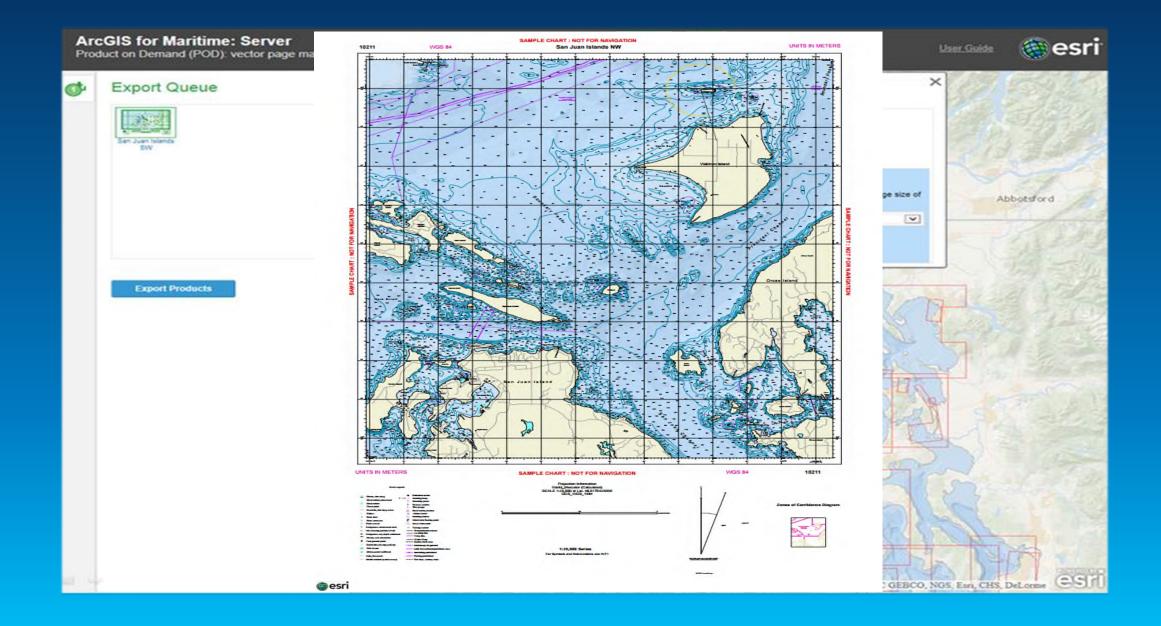


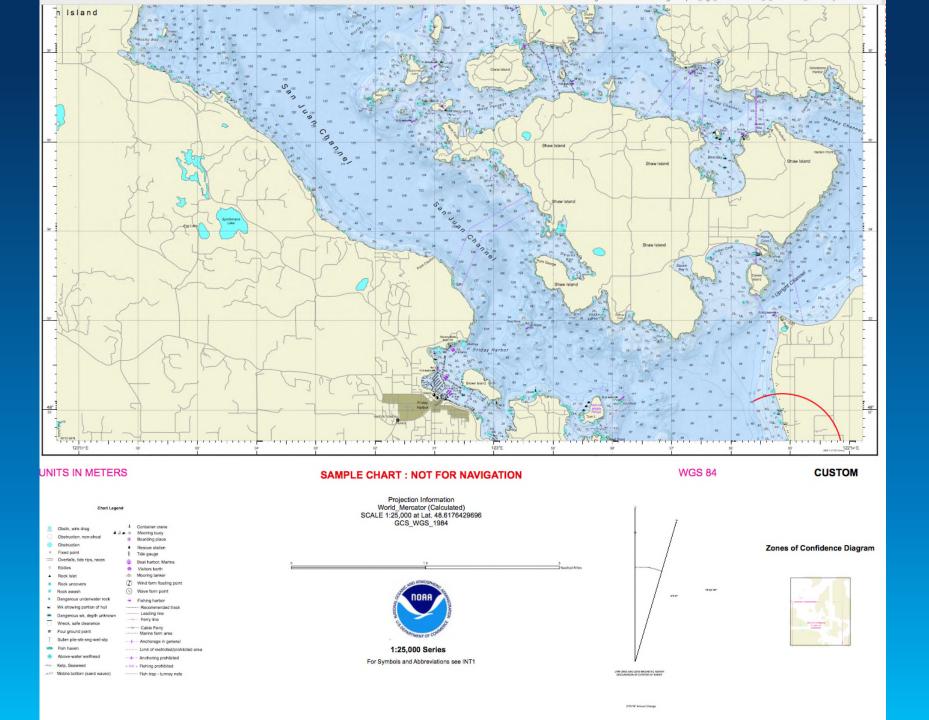
Mask Delete Old Insert New Annotation Cartography Cartography

....hundreds of manual steps replaced by automation....

Web-based chart production

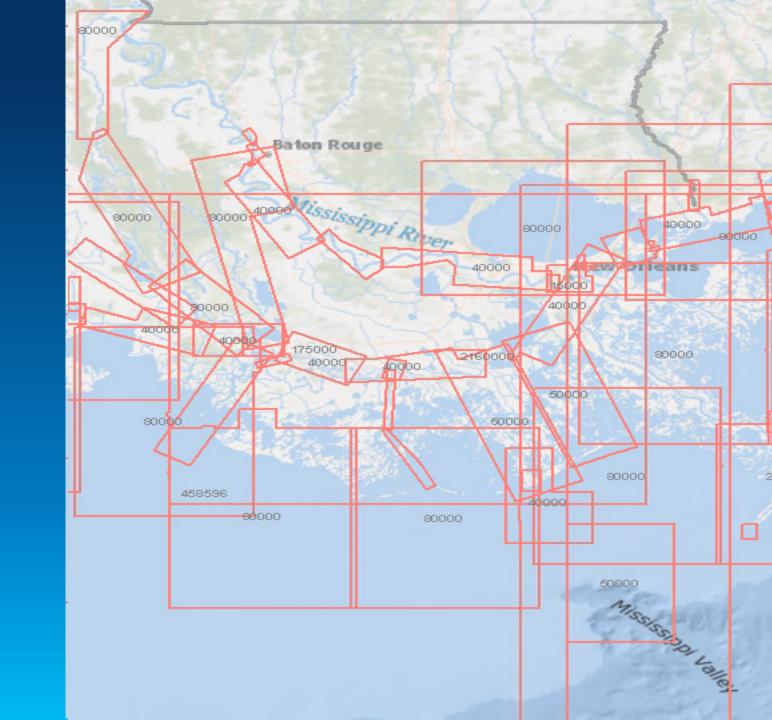






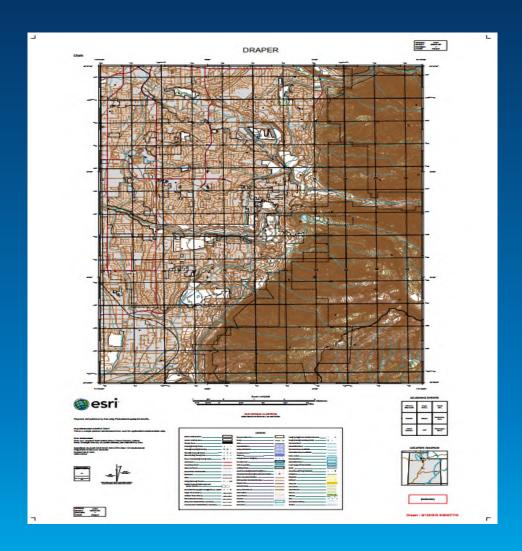
Deployment considerations

- Layouts
 - Complex portfolio
 - Marginalia
- Scales
- History and tradition



Examples

- NGA Enterprise Product on Demand Service
- USDA Forest Service topographic maps
 - Manages 17,000 maps
 - Produce 750 maps per month
- Government of Hong Kong lands department
 - 500 users
 - Variety of map content



Benefits

- Notices/Patches/Updates
- Added value
- Complete automation
- Accelerate map creation
- Variety of deployment options



Entire Chart Production System hosted in the Cloud



Thank you!



Understanding our world.

Please sign in for our seminar on Thursday at 13:30 hrs. room WS-3

The Use of the ArcGIS Platform in Hydrographic Surveys (an entire workflow performed in Mexico)

rponce@esri.com