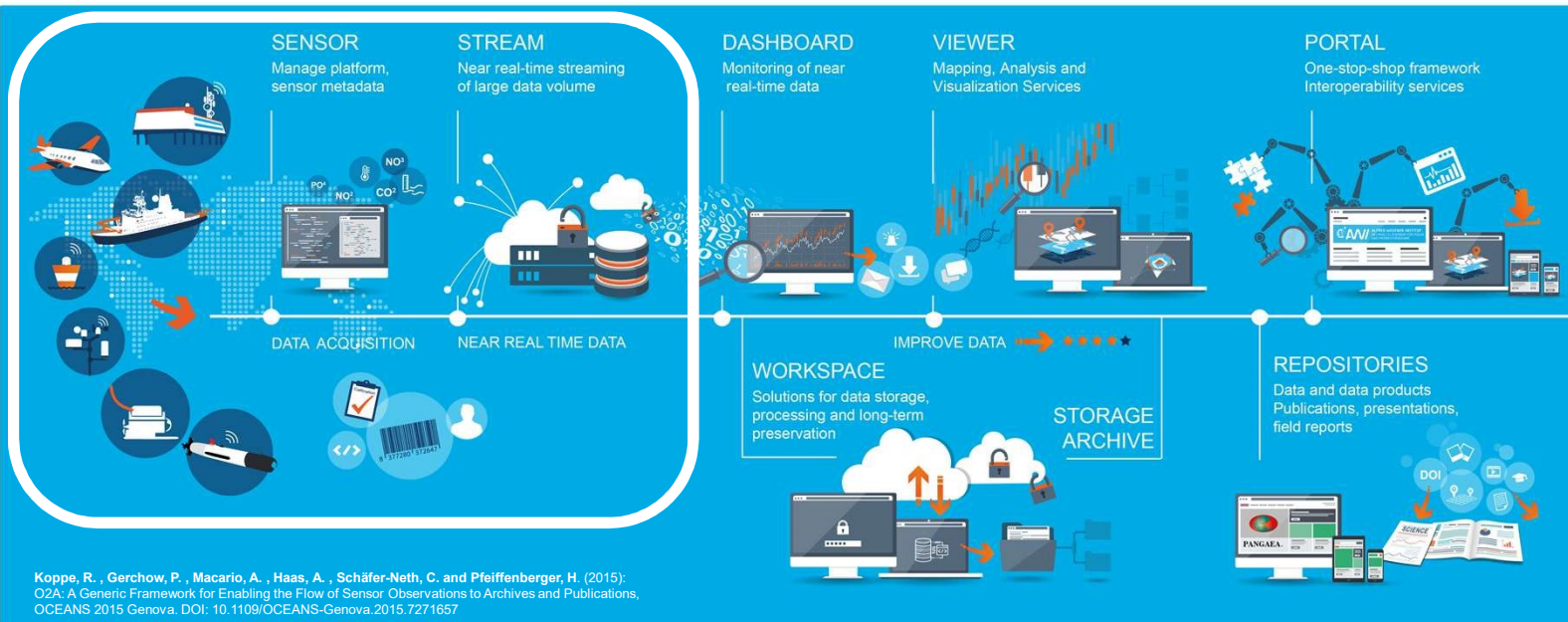
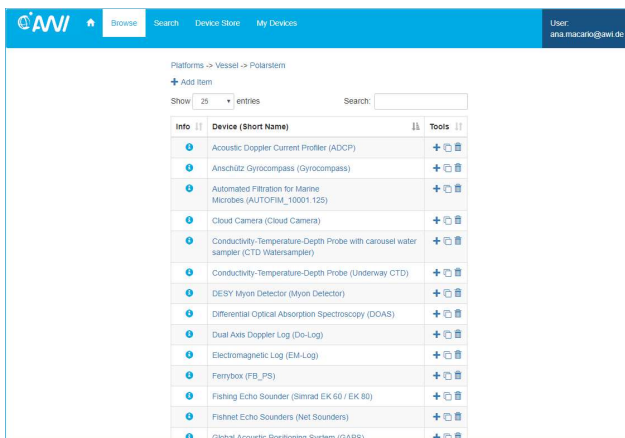


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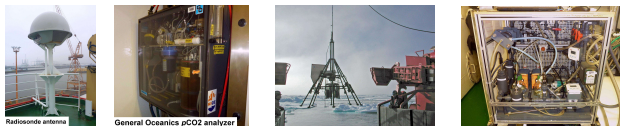


Koppe, R., Gerchow, P., Macario, A., Haas, A., Schäfer-Neth, C. and Pfeiffenberger, H. (2015): O2A: A Generic Framework for Enabling the Flow of Sensor Observations to Archives and Publications, OCEANS 2015 Genova. DOI: 10.1109/OCEANS-Genova.2015.7271657

O2A: Data Flow Framework from Sensor Observations to Archives



- Includes provenance metadata, documentation, calibration certificates, parameter properties, images; to date over 1300 highly heterogeneous sensors
- Adoption of NERC 2.0 controlled vocabularies (SeaVox), SOS standards



- Enables integration to (a) NRT data streaming (generic “drivers”), (b) inventory system in-house, (c) monitoring dashboards

