



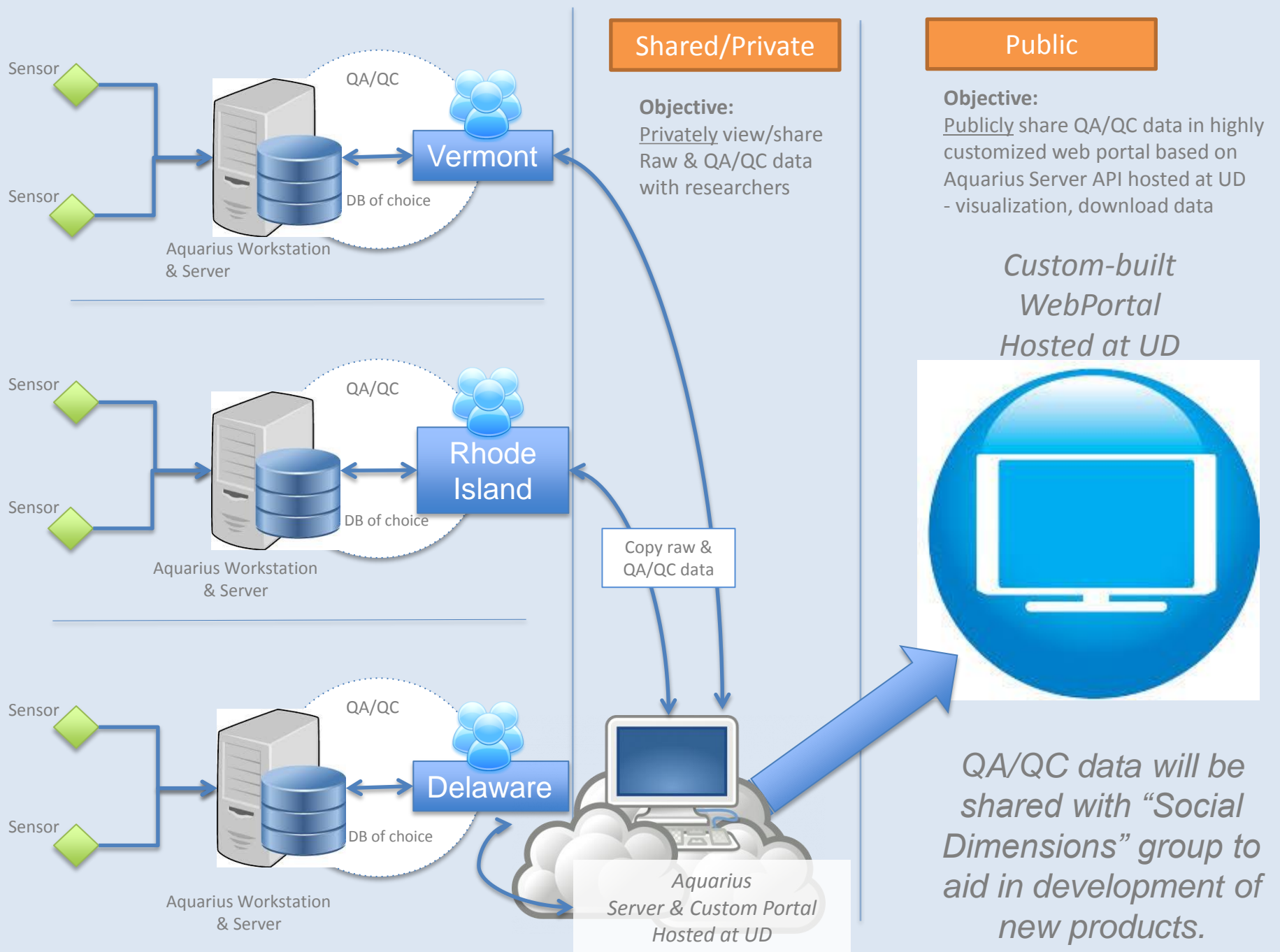
AAAS Meeting October 30, 2014

Data Management, Archiving and Visualization



Progress to Date...

- Data is being collected and archived in each of the NEWRnet States.
- After several teleconferences, a data flow plan has been developed for the project which addresses telemetry, data archiving, QA/QC, and data dissemination.
- Data is available for download in real-time from the sensors in each State and will be added to project databases representing raw and QA/QC data at UD.



Shared/Private

Objective:
Privately view/share Raw & QA/QC data with researchers

Public

Objective:
Publicly share QA/QC data in highly customized web portal based on Aquarius Server API hosted at UD - visualization, download data

Custom-built WebPortal Hosted at UD



QA/QC data will be shared with "Social Dimensions" group to aid in development of new products.

Work for the immediate Future...

- Development of a “Standard Operating Procedure” (SOP) for instrumentation, observations and data handling to assure consistency across the network.
- Optimum QA/QC routines for NEWNet data are still to be developed. General QA/QC (range checks, flagging, etc.) will be consistent across the States with each state doing further manual QA/QC for individual observation sites.
- UD to provide access to project metadata, QA/QC “final” data and data visualization on a project web portal. This data will be shared with the “social dimensions” group for development of new products to aid decision makers.