What is it?
The Science Museum of Virginia is a science and technology center committed to inspiring Virginians to enrich their lives through science. This project aims to implement a hybrid desktop and web-based system for the Museum’s planned EarthLab Data Hyperwall Exhibit which allows Museum visitors to learn about local environmental effects and the changing climate, and explore satellite imagery of global events.

How Does it Work?
Museum visitors interact with the exhibit through a touchscreen interface. The touchscreen’s User Interface allows visitors to explore the three available map modules and see fine details displayed on a nearby video wall. Informational text appears alongside to provide context.

What Next?
Planned additions to the Hyperwall exhibit include adding more imagery for visitors to explore, collecting usage telemetry to improve accessibility, and enabling visitors to e-mail themselves maps they create in the exhibit.