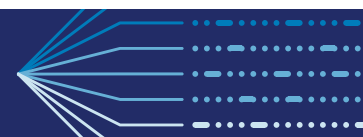




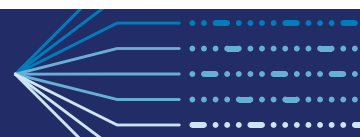
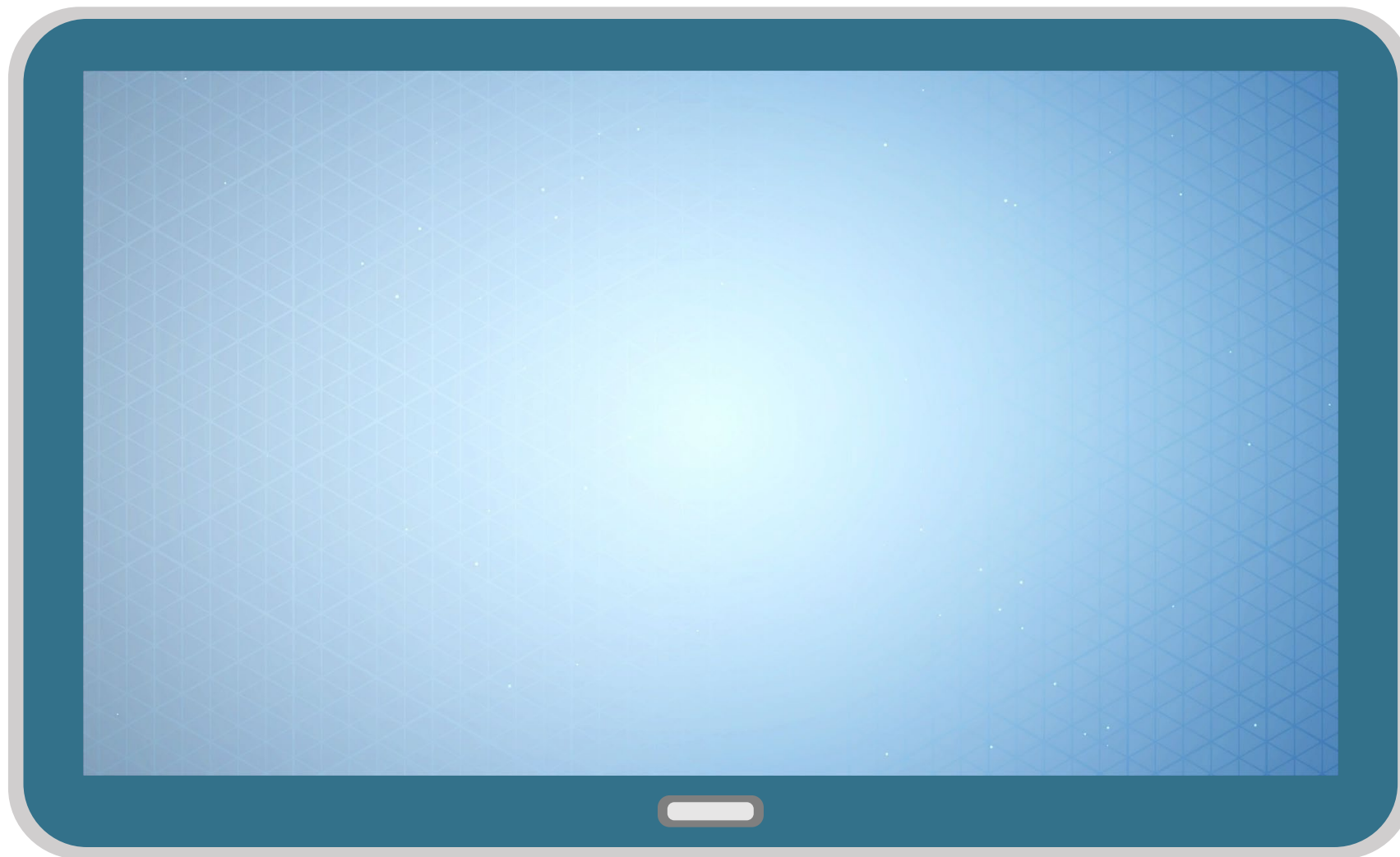
RAPID

(Real World Application Platform for Innovation and Development)

Isaac Chang, PhD
Deputy Director, Office of Computational Science
Office of Translational Sciences, CDER, FDA

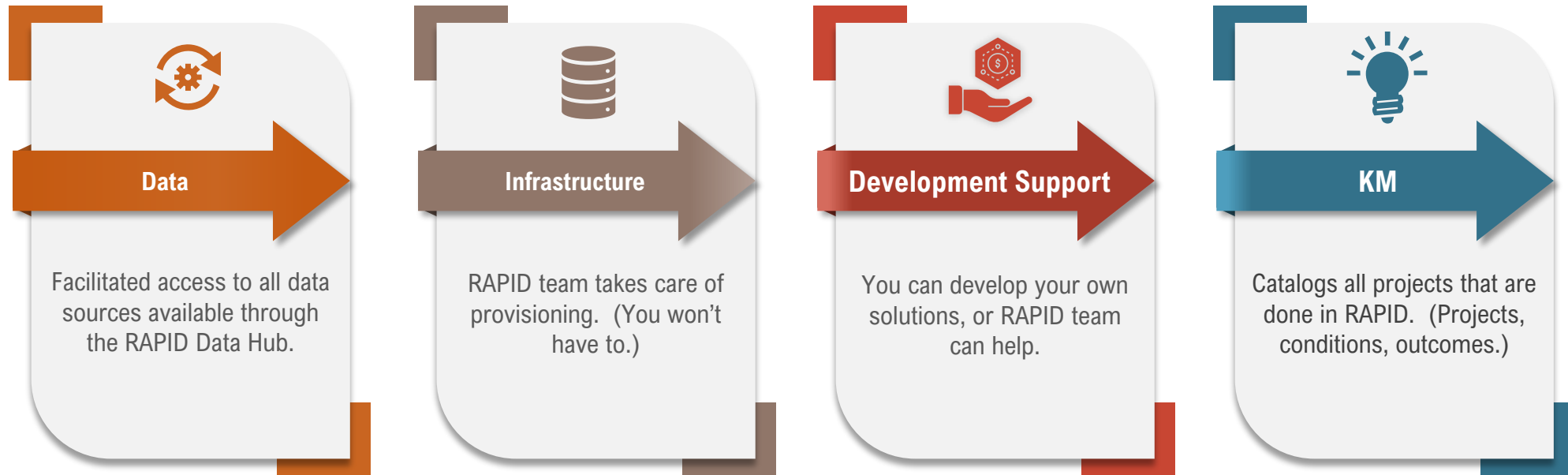


Overview of RAPID



What is RAPID?

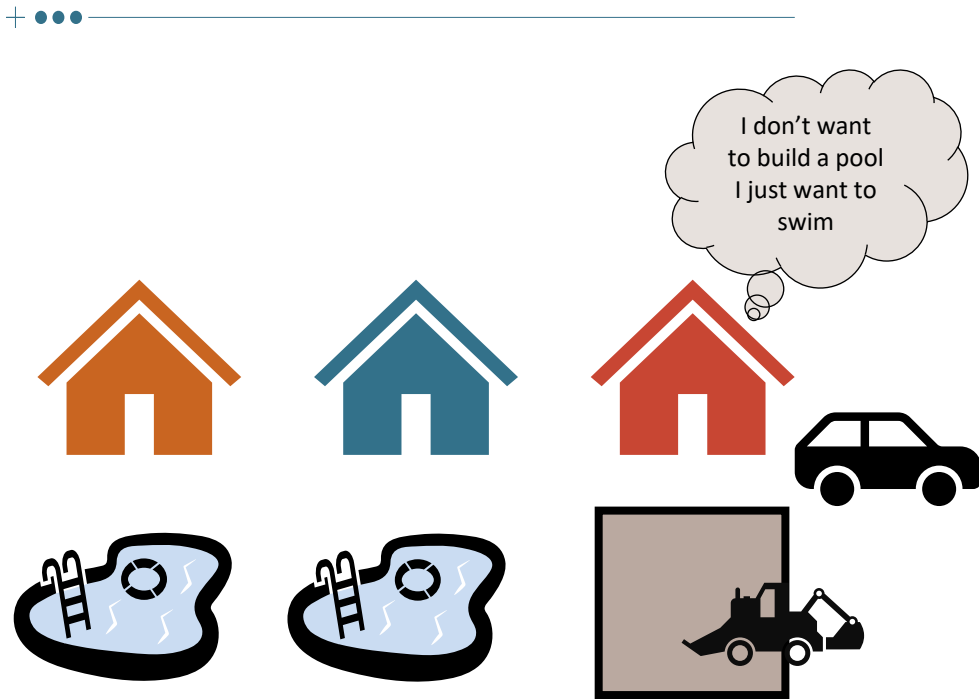
- Innovation as a Service (IAAS) platform.
- Experimentation Sandbox and Implementation Environment in the AWS GovCloud.
- Designed to explore data sets, develop and test new analytics.
- Minimizes the barriers to designing analytic solutions by bringing together:



New Approach to Building Analytics

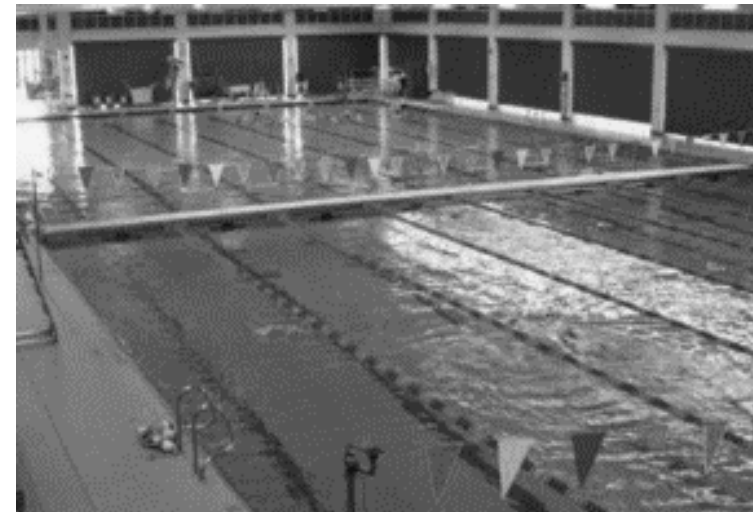
Traditional

Single Tenant Approach

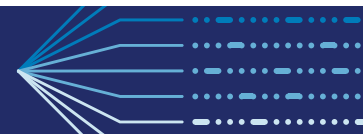


RAPID

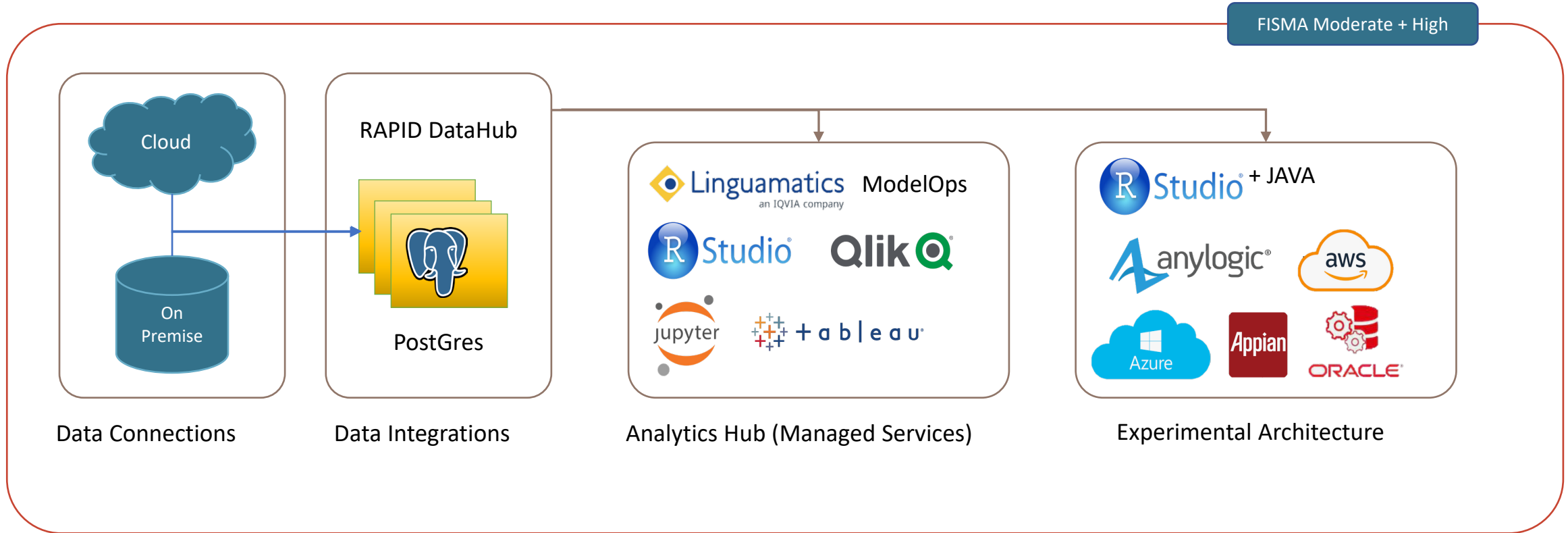
Multi Tenant Approach



Aquatic Center



RAPID Architectural View



RAPID Functional View



RAPID

Not in RAPID

Concept Development

(An Idea... Not end-to-end)



FEASIBILITY

Prototype Development

(Concept + Business Use Case)



VIABILITY

Prototype Testing

(Reproducibility + Performance)

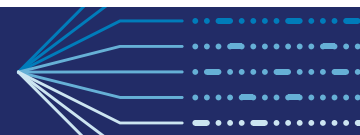


SUSTAINABILITY

Operations



ENTERPRISE PRODUCTION



How to Get Started

