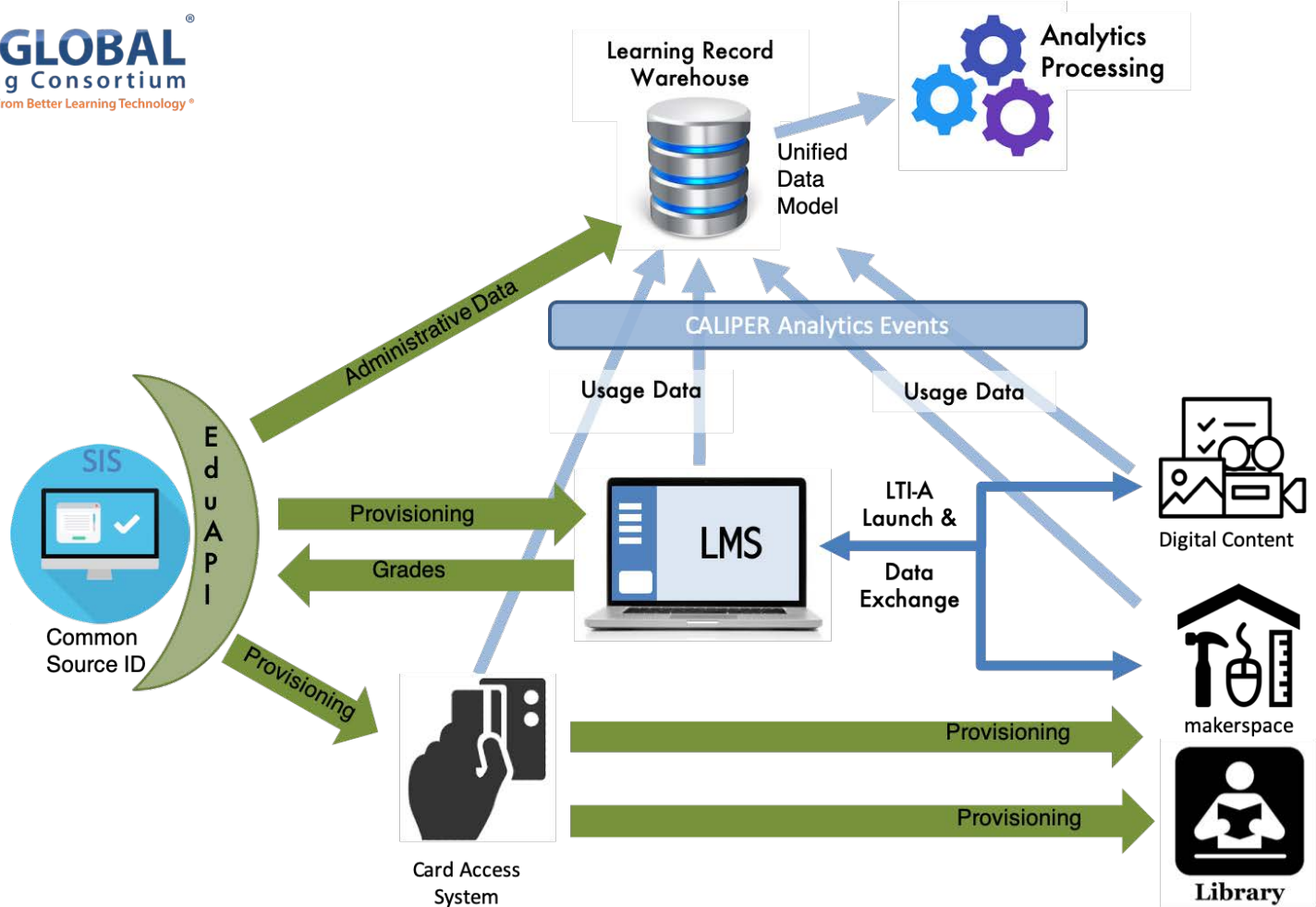
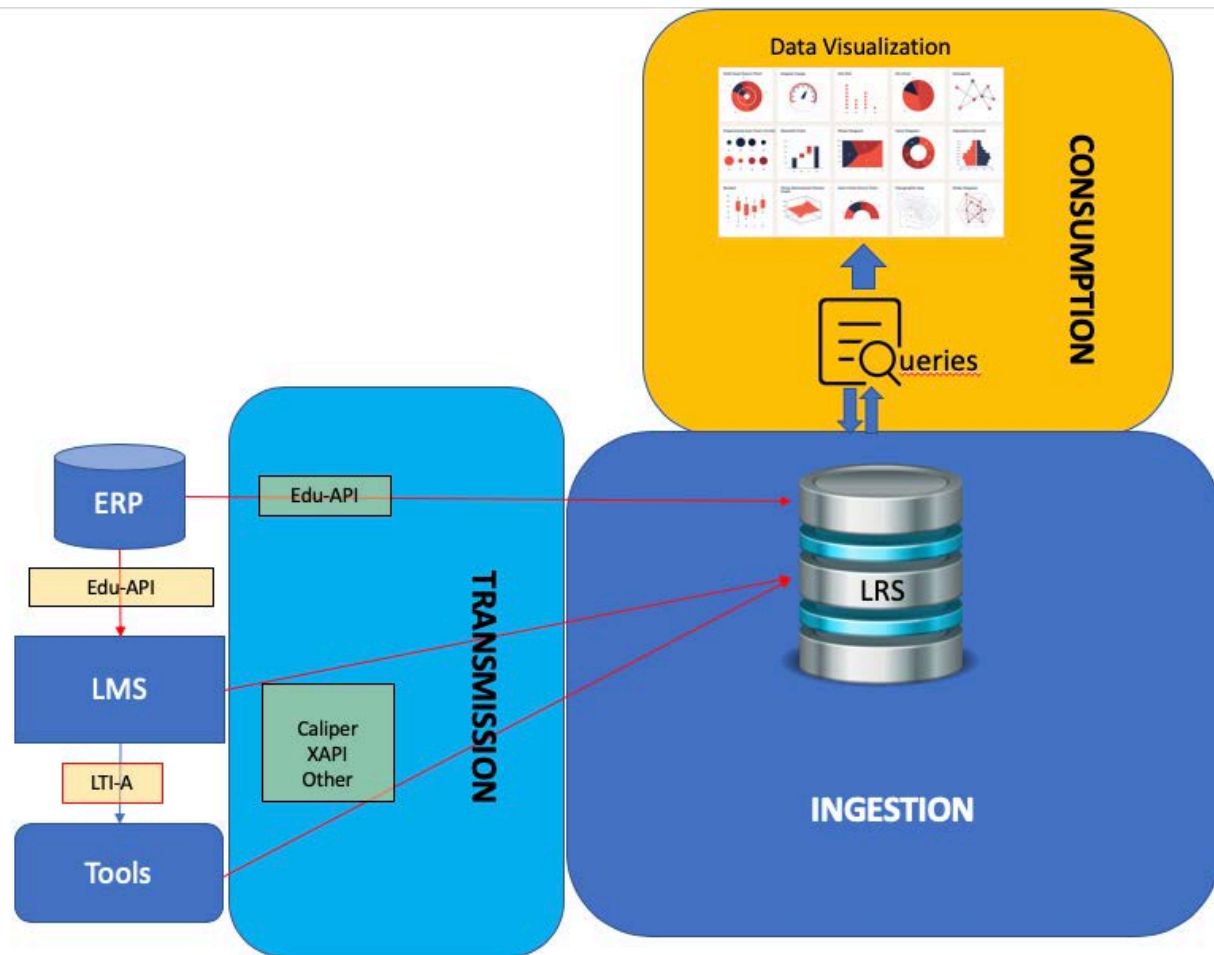


# **Finding a Black Cat in a Dark Room: The Integrated Analytics Ecosystem**

Cary Brown, Director of Higher Education Programs, IMS Global  
Bracken Mosbacker, Technical Standards Architect, IMS Global

# The Integrated Ana-What?

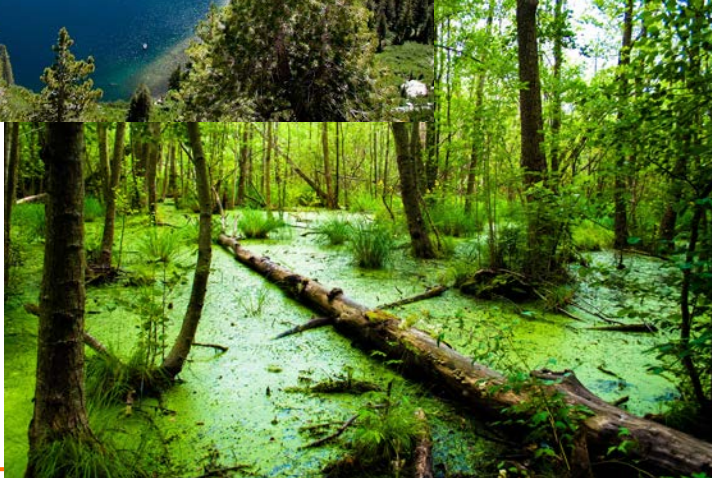




# What Data Do We Want?



# What do we do with it?



# What are you trying to make?



# The REAL Problem(s)?



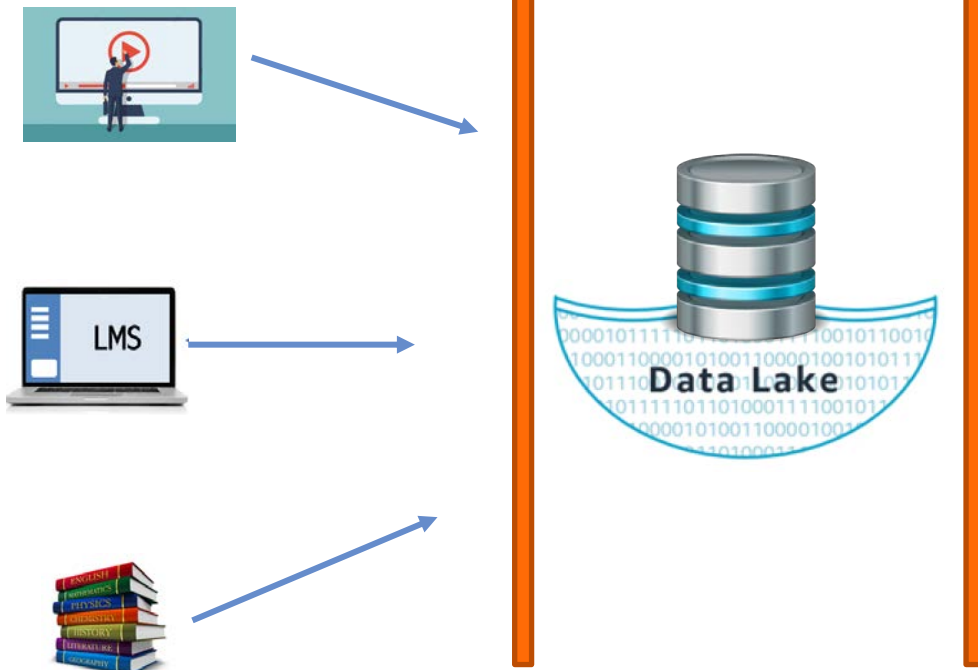
## *DATA DRIVEN DECISION MAKING*



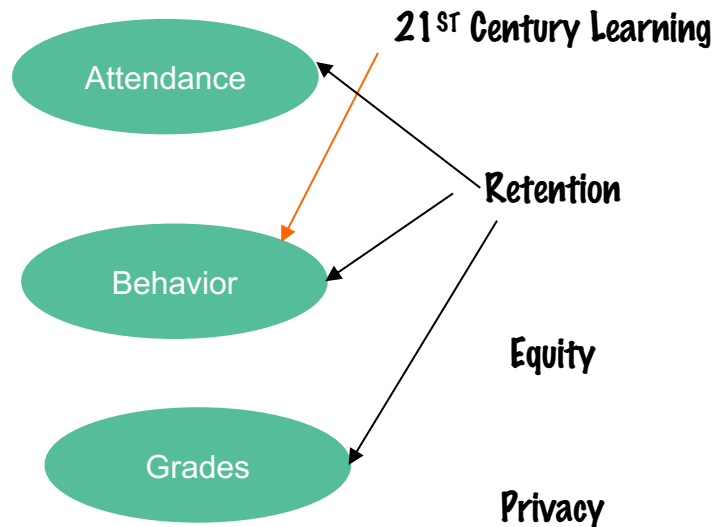
**Operational Efficiency**



## System Enablement

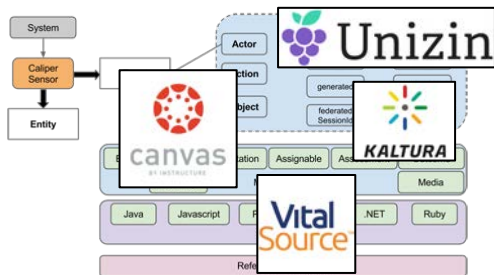


## Institutional Needs

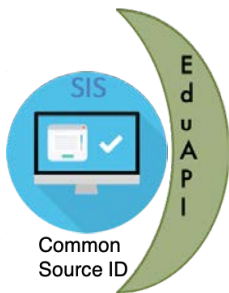


# Analytics, Standards, and IMS

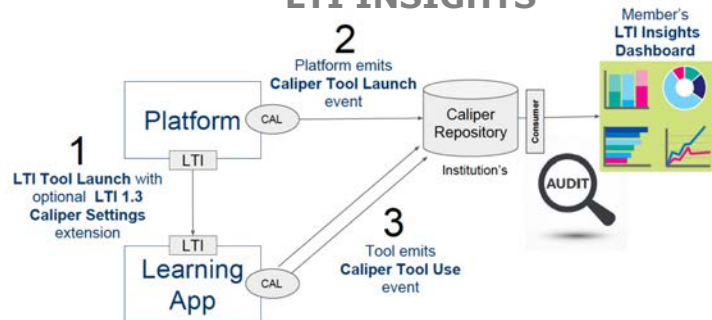
## CALIPER



**IMS GLOBAL**  
Learning Consortium  
Better Learning From Better Learning Technology®

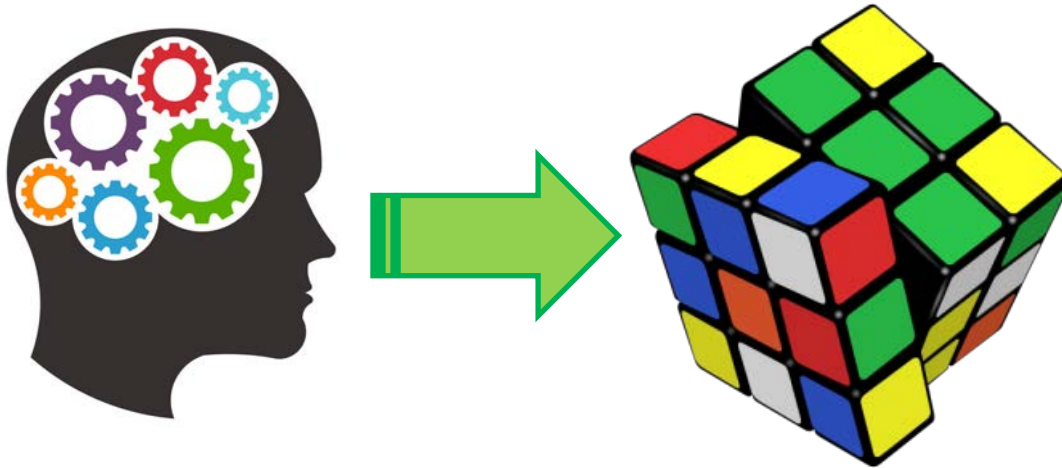


## LTI INSIGHTS



\*All LTI version are supported by Caliper Tool Launch and Caliper Tool Use events.

Can the community think in common ways  
and solve in common ways?



# CALL TO ACTION

- IMS as a community of practice to begin by articulating the questions we're trying to ask
- Define ways to frame HOW we ask those questions to create patterns of consistency
- Identify the common pragmatic barriers to the adoption of holistic approaches to learning analytics
  - Institutional
  - Vendor
- Drive off current efforts and successes to provide technical guidance and specifications
  - Standards (Caliper and beyond)
  - Best Practices
  - Community Sharing: code libraries, etc.
- ILNS and Centers of Excellence

