Surfacing Caliper at Scale
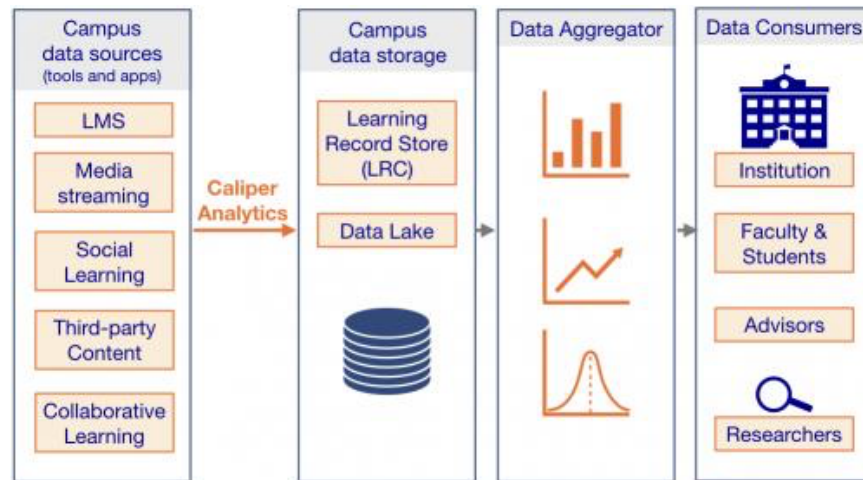
Blackboard

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IMS GLOBAL®
Learning Consortium
Better Learning From Better Learning Technology ®
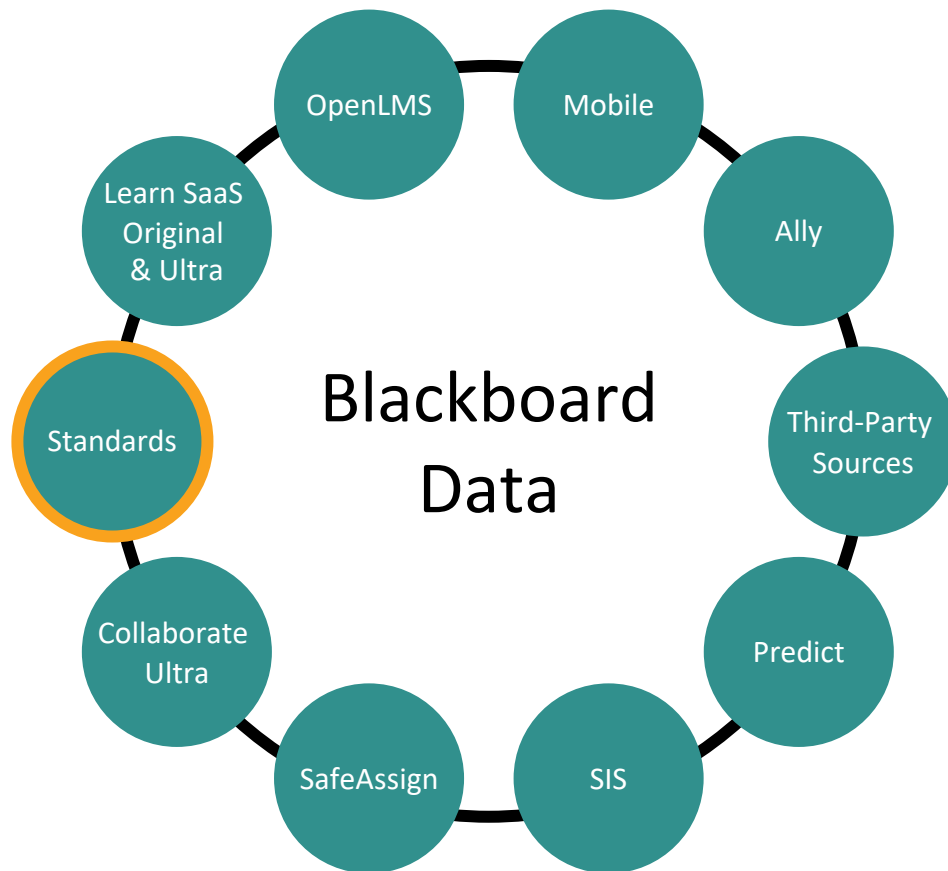
The Problem…

- Multiple tools combine to create the student digital experience
- Getting usage data from these tools is problematic
- Caliper solves this problem using standards, **but**
  - To date not widely adopted
  - Little reporting has been created

Here's our approach to fixing it…
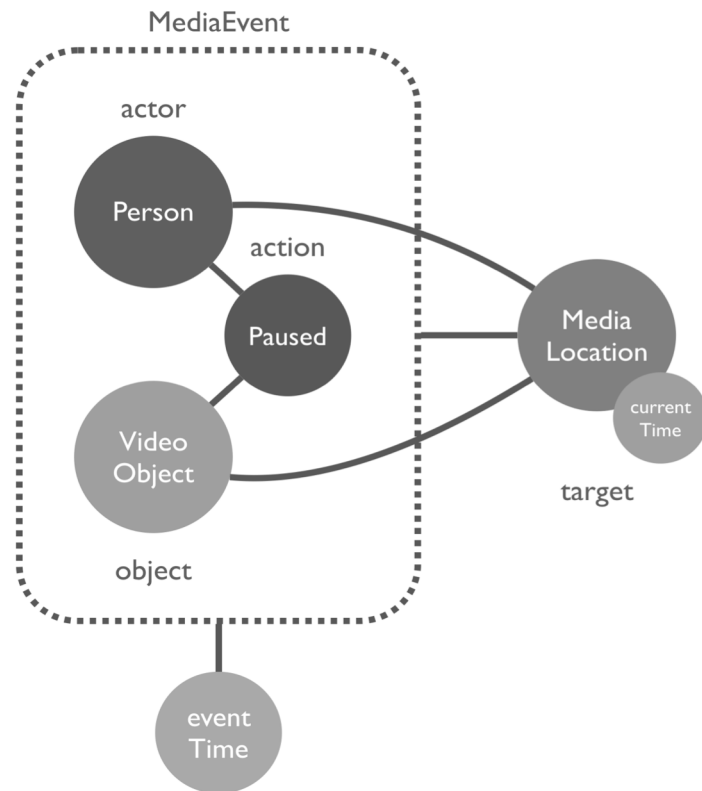
Blackboard Data:
The Power
of Platform

- Canonical Data Model
- All **SaaS** T&L Products*
- Cloud-based
- Large scale deployment
- 3rd Party data through standards

Blackboard Data

OpenLMS · Mobile · Ally · Third-Party Sources · Predict · SIS · SafeAssign · Collaborate Ultra · Standards · Learn SaaS Original & Ultra

Kaltura and IMS Caliper

As a launch provider,
Kaltura was Caliper-ready on Day 1
Currently emitting on the Media Metric Profile
In the future: Assessment Profile

Started, Paused, Resumed, Restarted, Ended,

ForwardedTo, JumpedTo,

ChangedResolution, ChangedSize, ChangedSpeed, ChangedVolume,

EnabledClosedCaptioning, DisabledClosedCaptioning,

EnteredFullScreen, ExitedFullScreen,

Muted, Unmuted,

OpenedPopout, ClosedPopout

Work in Progress – Structure and examples

- **How much are instructors using this tool?**
  - Number of media objects and total minutes duration by month
- **How much are students using this tool?**
  - Number of users, objects accessed and accesses by month
- **Which students are using this tool the most?**
  - Top 10 students based on number of objects accessed and number of accesses

Next Steps

Get Real Data

Derive Additional Data Points

Map Users and Launch Points (courses)

Construct a Canonical Model for Media Access

Promote Caliper Adoption through greater visibility