

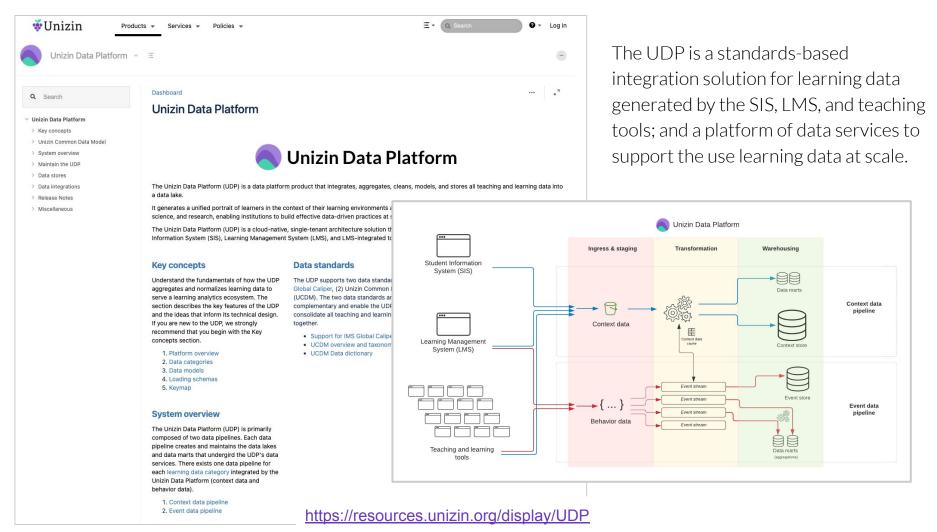
Google Cloud, Unizin Data Platform

April 28, 2021

UDP + GCP

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- 2 Why did we do it?
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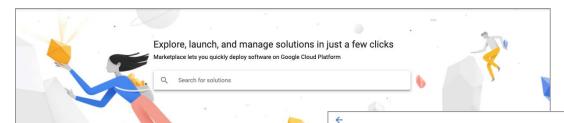


The UDP at Unizin

Unizin is a membership-based, common services provider for HE.

- Unizin is a consortium of member-institutions dedicated to solving the challenges related to scaling digital education
- We build software solutions and deliver them as SaaS to members
- Complemented by a highly-active communities facilitating a range of practices in digital education
- Strong research component
- Learning data/analytics is half of our portfolio





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Unizin Data Platform

Version: 1.1 ▼ Unizin

Learning data integration and warehousing platform for higher ed

PURCHASE

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Overview

The UDP is a standards-based, learning data integration, warehousing, and data services solution. It enables institutions to consolidate their learning data ecosystem and support the use of learning data and analytics at scale. The UDP integrates data generated by the Learning Management System (LMS), Student Information System (SIs), and learning tools integrated into the LMS via the IMS Global LTI standard. The UDP enforces the use of two data interoperability standards: IMS Global Caliper and the Unizin Common Data Model.

Learn more ☑

About Unizin

Unizin is a leading technology consortium serving higher education.

About Kubernetes apps

Google Kubernetes Engine & is a managed, production-ready environment for deploying containerized applications. Kubernetes apps are prepackaged applications that can be deployed to Google Kubernetes Engine in minutes.

Additional details

Type: Kubernetes apps Last updated: 3/17/21

Deployment Environment: GKE Category: Big data, Education

Version: 1.1

Tag: 1.1

Repository path: marketplace.gcr.io/unizin-public/unizin-data-platform 🗷

Container images: 1.1 [2], batch-ingest:1.1 [2], caliper-enricher:1.1 [2], ubbagent:1.1 [2]

Why did we do it?

Vision

Unizin and Google Cloud share the view that institutions must leverage and innovate with learning data to serve students well.

We also believe that:

- Data is owned by institutions only if they can control/use it
- Without data standards, we'll never scale
- Vendors must adopt data standards/service paradigms to serve institutions well

Technology & business model

We see too little innovation and competition in the learning analytics and student success market.

<u>Factors</u>: high barriers to entry, low standards adoption, monolithic technology models, and multi-year enterprise contracts.

An alternative: decouple and commodify key elements of the tech stack; enable cloud-first strategy; and, offer rational pricing/business models consistent with cloud solutions.

Complementarity

There is strong complementarity between the role of the UDP and Google Cloud's Student Success Services.

The UDP brings data into an institution's cloud environment, where it becomes available to a range of data/analytics-driven student success solutions.

How does it work?

It's like installing an app from an app store... almost.

- Deploy the UDP in your GCP infrastructure (not SaaS)
- Operational and service responsibility lies with institution
- Monthly FTE-based pricing model
- UDP as point-solution in a broader GCP engagement
- No Unizin membership required





Thank you

unizin.org