Community Town Hall

February 7 2024



Democratizing Cross-Media Measurement

The industry's only <u>advertiser-driven</u>, <u>global</u>, <u>open-source</u>, <u>neutral</u> CMM framework.

Powering <u>locally-owned</u>, <u>industry-wide</u>, <u>adaptable</u> solutions which enable Better Marketing.



Bi-monthly Townhall...

Register here: https://wfanet.org/events/item/3973/halo-com munity-townhall-meeting





Knowledge Connections Leadership Tools About WFA (R)

Halo Community Townhall Meeting

Discover the Future of Cross-Media Measurement

 Wednesday, 7 February 2024 from 17:00 to 18:30 (CET)

REGISTER





About the Halo Program

The Halo Cross-Media Measurement Framework represents a ground-breaking initiative designed to revolutionize how we understand and evaluate the impact of advertising across the diverse landscape of media channels. At its core, Halo leverages advanced technologies and methodologies to provide comprehensive, privacy-conscious, and accurate cross-media measurement solutions. Supported by a consortium of leading global brands, advertiser associations, and technology innovators, the Halo program aims to address the complex challenges of today's rapidly evolving media ecosystem.

Why Attend the Townhall?

This virtual town-hall meeting is an exclusive opportunity for Halo community

Community Summit 2024

Summit core themes...

- 1. Making it easier to get data **IN** to the system
- 2. Challenges with getting data **OUT** of the end-users of the system
- 3. Efficiency, Communications & Go-To-Market issues

Highlighting how the Halo Framework is on its way to being adopted as a credible, validated and fully capable cross-media measurement solution in the market by both <u>marketers</u> and <u>practitioners</u>.







PEPSICO

Sarah Mansfield VP Global Media



Kanishka Das (KD) Senior Director, Global Media Analytics & Insights

P&G



Zee Bhunnoo Group Head of Commercial Analytics & Marketing Science

Nestle

"We at Unilever will be using this system in as many markets as possible, as will many advertisers..." "There might have been more direct routes to get to an outcome...but would these have survived the test of time? I feel we've taken a surer route to arrive at a place where we have a future-focused, privacy-safe methodology for measuring R&F...It's testament to the collaboration." "I'm thinking about how Nestle can deploy this data among our media modelling capabilities and our optimisation analytics at scale...the possibilities are phenomenal."



Summit Summary

- Now 8 code releases in! Halo the industry's only advertiser-driven, global, open-source, neutral CMM framework exists to make it easier for the core CMM methodology to be rolled out.
- Both based on Halo, Origin and ANA pilot progress across 2023 has been extraordinary. Both platforms can ingest REAL data. Trials later this year (Origin Beta = >30 brands) will be a HUGE moment.
- In order to scale these solutions, we will need to find a more reliable means of improving data INPUTS (publisher integration) to the system. Various options exist to ease this issue, including EDP Aggregators, Turnkey EDP solution, VID on device SDK. All of these should be progressed.
- Equally, challenges with data OUTPUTS (advertiser account IDs, report automation and campaign nomenclature) are all barriers to efficient access to the systems and use of reports. More (intra-market) collaboration is required to resolve these challenges.



Summit Summary (continued)

- Clearly there are opportunities for **deeper collaboration between markets** (inc task forces and even code sharing, etc). Strategic issues such as these are best dealt with via the Halo SteerCo. But the **governance around this group requires a reset**.
- The benefits of Halo are not universally understood (especially outside of pilot markets). A
 white paper / position paper is needed to communicate to key industry, regulatory and political
 stakeholders about the value of a 'Privacy by Design' solution.
- Led by ACA, a powerful coalition is being formed in Canada with representation from across the industry. The plan is to be a '**fast follow**' market and use Halo as the foundation of their CMM ambition. There are several other markets with the same intention.



Some highlights... Pilot Progress Halo Roadmap



2. Brought together >50 funding stakeholders to collaborate on service design





PUBLICIS

MEDIA

dentsu

THE KITE FACTORY

+TBA

Origin

The Origin platform is Beta-ready

The Origin Platform is ready to perform measurements with real data

The Origin UI has been tested by Alpha triallists

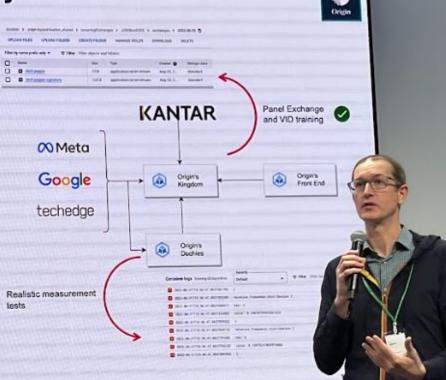
Measurements have been validated with realistic data

Panel Exchange is Live with Google & Meta and is being improved for better coverage

Initial VID models have been shared with EDPs for testing

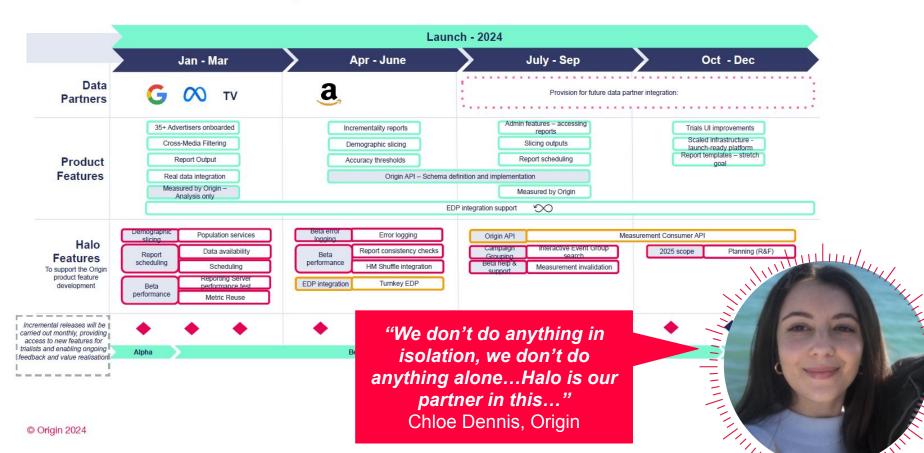
Training improved Beta-entry VID models is in progress and targeted

Amazon EDP onboa



Origin 2024

Launch Roadmap with Halo Features



Celebrating a Major Success

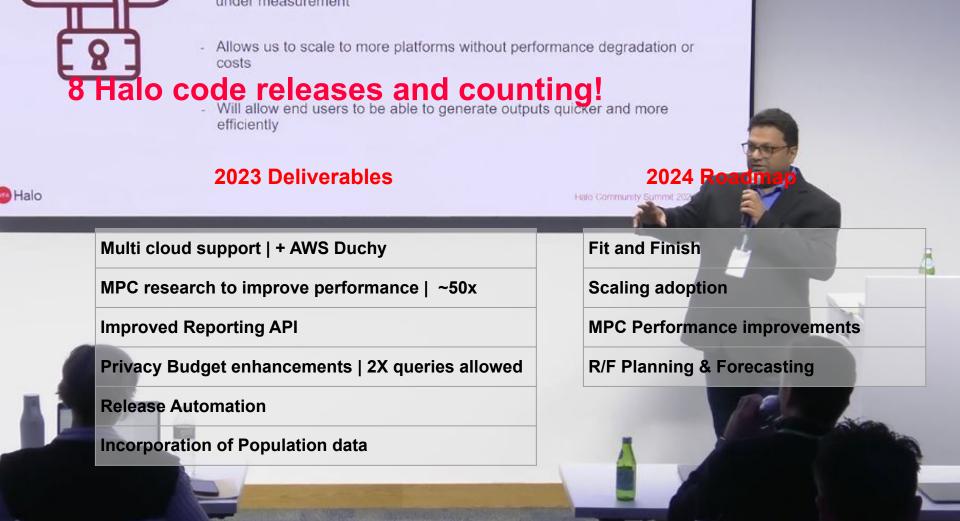
• We Produced Real Campaign Cross-Media Measurement Reports

Using the Halo Framework!



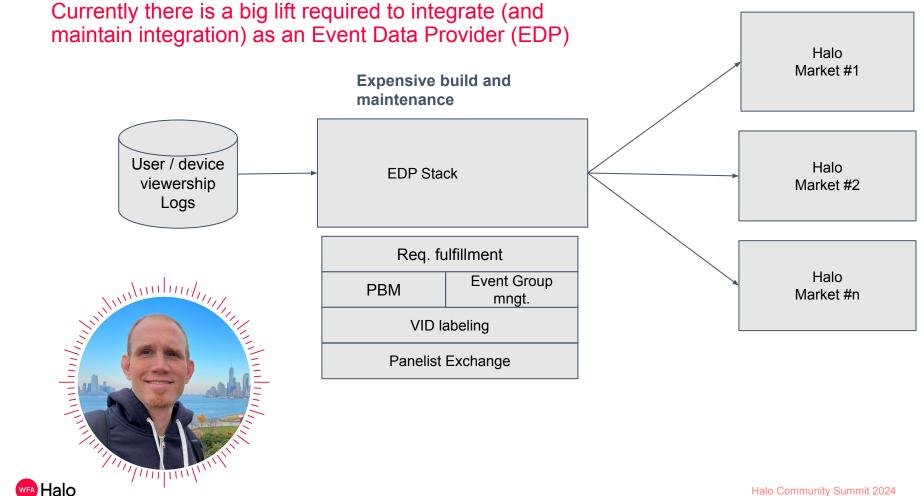
Huge thanks to Comscore and our EDP partners for the hard work to make this happen, and also to the Halo team for all the underlying work!





Some highlights... Easing Integrations





Halo Community Summit 2024

We have three solutions in focus, each with different benefits...

	Large Pubs	Pubs without logged in users	Small Publishers	DSPs	100s of Publishers
EDP Aggregator: Entities (e.g. DSPs) integrate data from multiple publishers.			\checkmark	\checkmark	\checkmark
Turn-Key-EDP (OSS EDP stack): High quality, production ready, ref implementation of key components, required by EDPs for integration	\checkmark			\checkmark	\checkmark
VID-on-device: On-device SDK that can be adopted by publishers to perform VID labeling on device, enabling integration with EDPs.		\checkmark			\checkmark



Next steps

EDP Aggregator

• Approach measurement companies, DSPs, SSPs, etc with a proposal to get feedback and find their willingness to host an aggregator node.

Turn-Key-EDP (Open Source EDP)

- Seek feedback from new EDP partners on the onboarding experience.
- Explore whether Halo has capacity to build the open source solution.

VID-on-device

- Continue to scope the project (with partners IAB Tech Lab)
- Weigh the merits for when to start the mission (considering focus is on Origin Beta)



Some highlights... End User Enablement





Challenges in CMM

We are starting to see the problems…earlier we had coverage gaps…now getting **like to like** measurement across media is the key challenge -Group M

While MMM's can provide channel level insights, but good **audience/customer level insights** are hard without a good CMM - Ovative

Lot of questions on the quality and consistency of data. Need **trusted sources of data** that is all encompassing cross cross platform and audience segment level data - Pepsico

Opportunities with Halo

This is the start...we have a **much richer data set,** and allows us to identify opportunities to use these data sets to drive the future of media planning

OMD

We need to identify the extra ways in which we can tweak **plans with this new data sets** and drive business impact for clients - OMD

Planning capabilities will be key to allocate investments more effectively and efficiently, once we have this common and better data to counting impressions - Group M

Making it easier to integrate, improve **awareness** and **understanding** of the solution. And alo addressing the **outcomes** question - Ovative

Opportunities to Differentiate

We need to **keep consumer experience & privacy expectations** front and center, this privacy centric tool will allow our agencies to improve the overall ad experience for customers - Pepsi

We will have **more time to focus on the real issues** of better planning, strategies, optimisations - than finding good source of data - Ovative

With this data our team will have the opportunity to really drill down into the data and ask the right questions and **create better products and processes** that drive better outcomes for clients -



Enabling advertiser accounts: Origin Learnings

Origin's ambition in 2024 is to onboard 100+ advertisers and one to two additional EDPs

The challenge

- Each advertiser owns multiple buy-side accounts for each EDP, with ownership dispersed across different teams.
- Onboarding our first six triallists took several months, with considerable manual effort to identify all Account IDs.
- We need a robust process for advertiser onboarding to launch in 2024, which caters for explicit advertiser consent and increased platform coverage.





Campaign Matching

The challenge

Campaign matching is complex, manual and time consuming. This poses a threat to platform adoption for advertisers and agencies who need to spend a significant amount of time to identify their campaigns

Early feedback from advertisers support an easier way to identify and match their campaigns:

"If there was a whole market's worth of campaigns, how would I find the campaigns that I'm after? - Trialist A. P&G.



- Trialist B, P&G

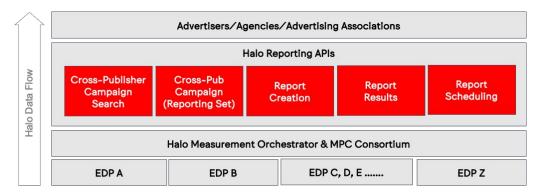
Campaigns for Advertiser X

FY_2324_BrandName_Conversion Q2 2023 EMEA - Product 1 FY 2324 BrandName Conversion Q2 2023 EMEA - Product 2 FY 2324 BrandName Conversion Q2 2023 EMEA - Product 3 FY 2324 BrandName Conversion Q2 2023 EMEA - Product 4 FY_2324_BrandName_Conversion Q2 2023 EMEA - Product 5 FY 2324 BrandName Conversion Q2 2023 EMEA - Product 6 FY_2324_BrandName_Conversion Q2 2023 EMEA - Product 7 FY 2324 BrandName Conversion Q2 2023 EMEA - Product 8 FY_2324_BrandName_Conversion Q2 2023 EMEA - Product 9 FY_2324_BrandName_Conversion Q2 2023 EMEA - Product 10

> Campaign matching is critical not only for the front end but also for increased accuracy of the VID model and for any advertiser-facing API



Measurement Consumer API Roadmap



- 1. Find campaigns across-publishers
- 2. Tie together cross-pub campaigns into Report Sets
- 3. Create reports
- 4. Consume results
- 5. Schedule reports for future delivery

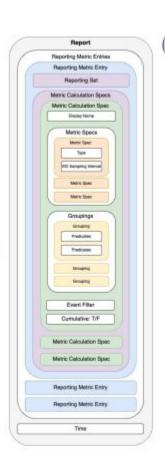
	Requirements Scoping Research
	Data Delivery Requirements
	Campaign Metadata Structures
	Reporting Dependencies
$\left(\right)$	Planning Dependencies



Moving beyond the UI

The Origin back-end services transform UI inputs into Halo data objects, including mathematical set operations (Reporting Sets)

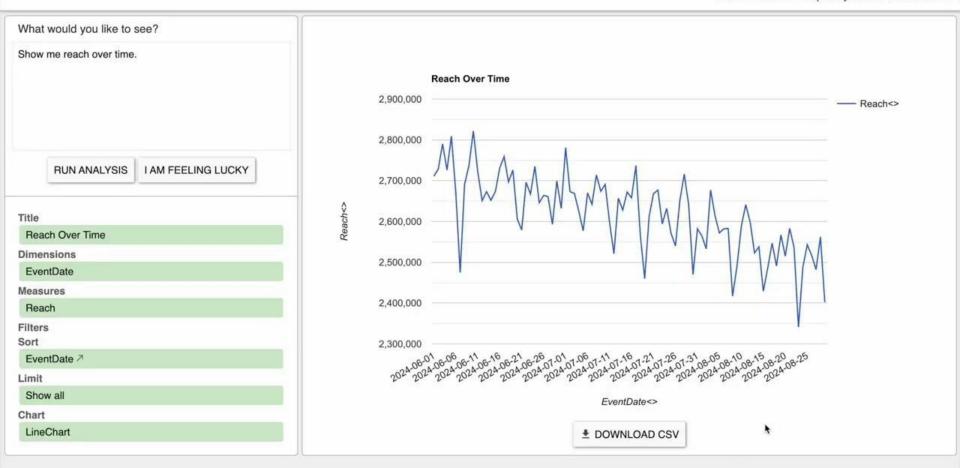
Custore (optional) MRC Standard (default) All Measurable Impross	
kport Nome	Venezitity
Matheruik Report - July - Childrens Leys & games	1005
ampalgn Group	Eight Vites Completies Status
Marsel uk - July - Oxideans Ioys & games	Complete (000%)
utilities Combinations	Begoring Melos
TV + Eligital, Digital	Total Reach (1+) % of audience, Total Reach (2+) % of audience, Total Reach (2+) % of audience,
tart: Data	Total Reach (4+) 3, of audience
01 Ame 2022	
se bala	Multiselful Web.ex
20 July 2022	Yes
excellently a	Consulation Reserv Data
All Adulty	Ves.
	Eack Euclarum





LogicLM

Halo Reach and Frequency Measurement Demo



Next steps

• End-User Collaboration

 There are high expectations from the end users from Halo based instances, by developing more capabilities to evaluate, optimise and plan based on this high quality cross media data. We will be working closely with the practitioner ecosystem to research, identify and build relevant infrastructure

• Simplify End-User Onboarding

 We have identified key challenges for end-user onboarding including (1) Product Awareness/Education (2) Account ID Identification Automation (3) Cross-Platform Campaign Matching - which will be key areas of focus for the Halo team

• Improved Query & Analysis Capabilities

• There is a clear need to enable integration with different end-user systems. We will focus on developing a 'Measurement Consumer API' framework that will enable scaled integration with existing planning systems as well as robust UI and potential visualization solutions for those who want direct access



Some highlights... Appetite from other markets New Advisory Groups





Advisory Groups



HITAG

[Halo Industry Technical Advisory Group]



Andrei Lapets VP Eng & Applied Cryptography, Magnite



Andrew Covato Founder @ Growth By Science



Brad Smallwood Founder @ Anonym



Daniel Slotwiner SVP Attention @ DV



Dennis Buchheim President @ ThinkMedium



Pinelli

SVP @ MRC

Winston Li Founder @ Arima

Advisory Groups



MPAG

[Media Practitioner Advisory Group]

Ξ



Kristina Kaganer VP Product Development





Yee

Pang

Senior Partner, Group

Director at GroupM

untur hundreden.



\\\\\

Rhian

Feather

Head of planning for

Omnicom UK



Troy Neidermire

Vice President -Measurement & Enabling Solutions, Ovative

