CAPITAL MARKETS DAY

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Today's Presenters



MGI



Remco Westermann
CEO & Board Member



Sameer Sondhi CRO of MGI



Paul Echt
CFO of MGI



Rami Alanko General Manager A&I



Jens Knauber



Prasanna Prasad
CTO of Verve Group

EXPERTS



Jay C. MacDonald Founder and CEO of Digital Capital Advisors



Jeff Coon Chief Strategy Officer of Basis Technology



Oliver Dragic General Manager at pilot-group

MODERATION



Jenny Rosberg
IR Adviser (Today's Moderator)

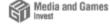


Danesh Zare
Senior IR Manager MGI
(Moderator Panel Discussion)

Aim of our Capital Markets Day







Today's Agenda



10.00	– Start Presentation & Introduction
10.15	– MGI Business Update
11.00	- Coffee break
11.20	– MGI Financials
11.45	- Q&A
12.00	- Lunch
12.30	– External expert session – Market Cycle, Consolidation & Vertical Integration
13.00	– External expert session – Identity and AI
13.30	– External expert session – Data Based Targeting in a New World With Privacy Restraints
14.00	- Coffee break
14.20	- MGI Product Presentation - Moments AI
14:50	- Panel Discussion and Q&A
15.20	- Outlook and Closing Remarks





Agenda

- MGI Business Update
 - Coffee Break
- MGI Financial Update
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Stable quarter with strong profitability

- 3% total growth for continued business (FX adjusted)
- 1% organic growth (FX adjusted)
- 2% reported revenue decline due to FX and divestments



Updated Guidance with stable YoY performance (adjusted for divestments, FX headwinds)

 Cost saving program of 10m initiated to mitigate lower organic growth and increase cashflow to reduce leverage



Short-term headwinds, but...

- Gaining market share!
- Outlook very positive!

Integrated Ad-Software-Platform





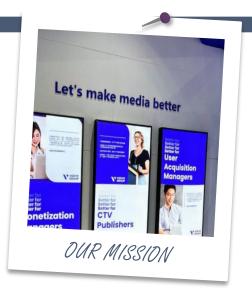


We Have Come a Long Way in 10+ Years

PRE-2018 2018 - 2023 FUTURE







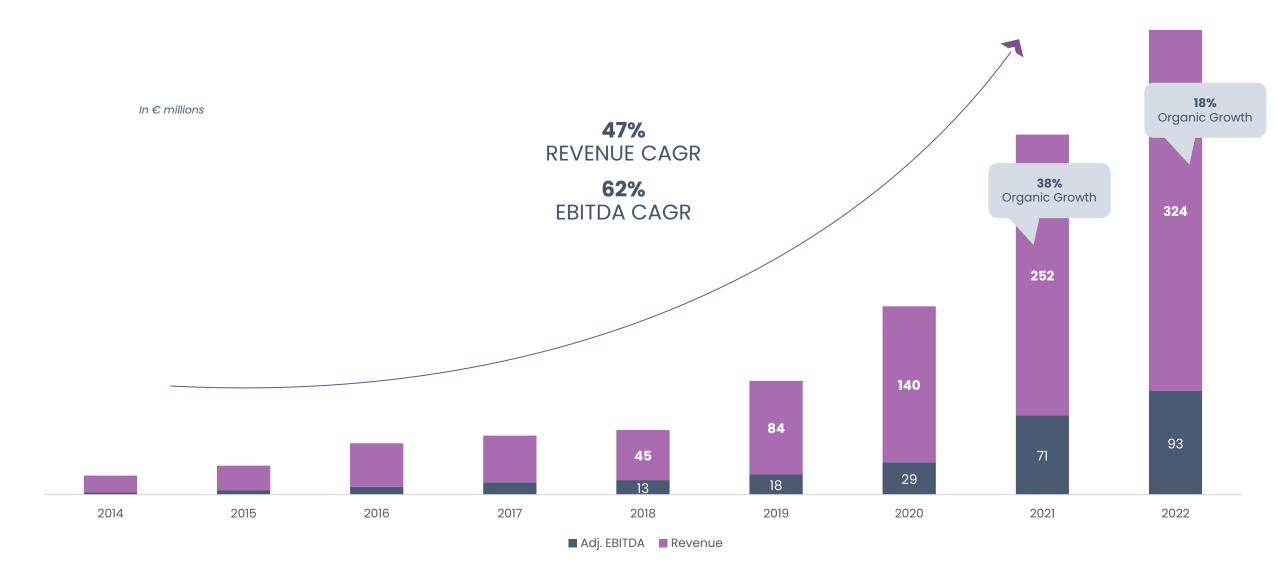
GROWING GAMIGO AG INTO
A LEADING GAMES
PUBLISHER, LEVERAGING A
BUY-AND-BUILD STRATEGY

BUILDING A LEADING AD SOFTWARE
PLATFORM BY TRANSFERRING THE BUYAND-BUILD STRATEGY TO THE MEDIA
SECTOR AND REALIZING SYNERGIES

EXPAND AND LEVERAGE
OUR USPS TO CREATE
PRODUCTS AND SERVICES
THAT MAKE MEDIA BETTER

Focus on Highly Scalable and Profitable business model

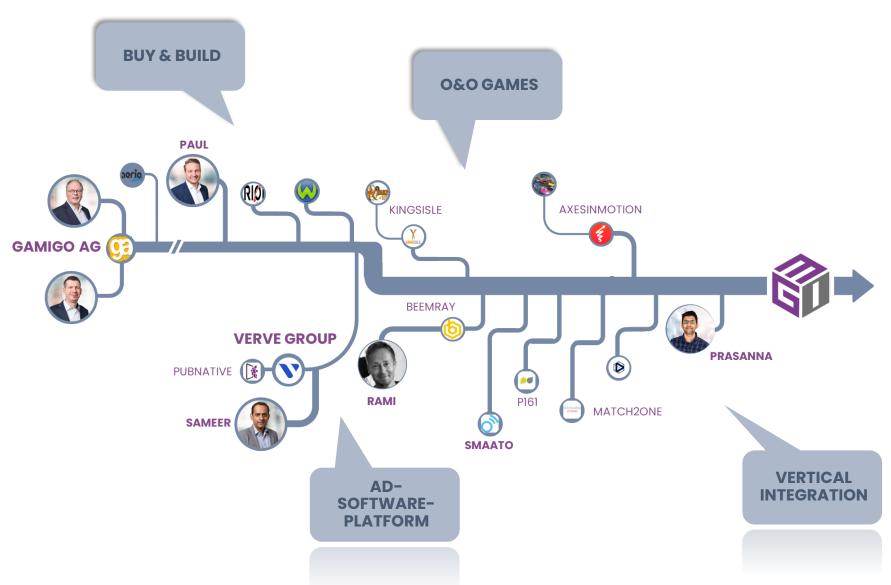






Many Parts Come Together as One...





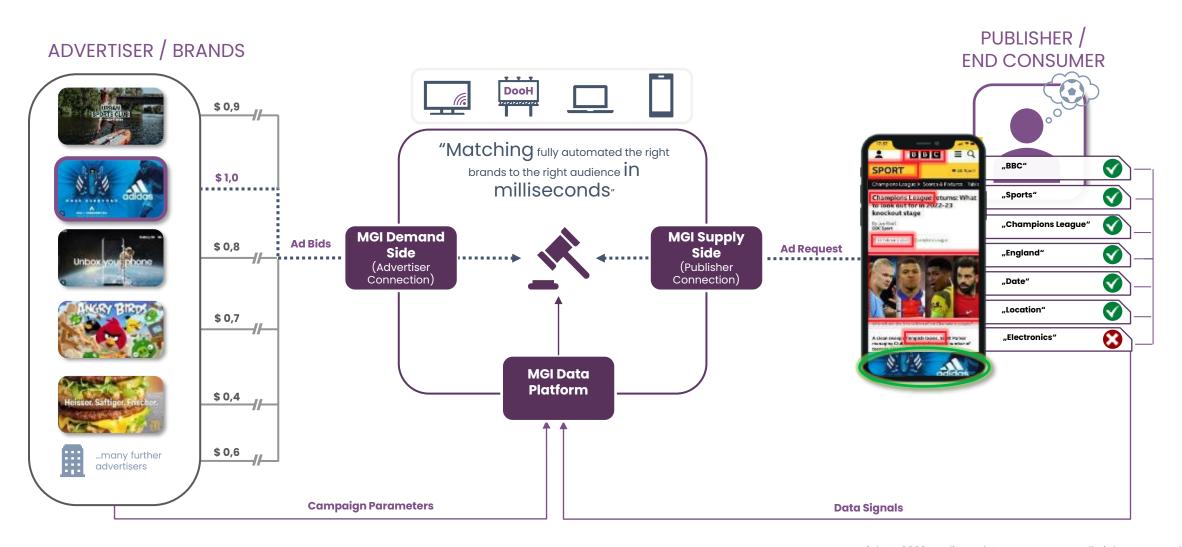
...to Make Media Better

Opportunities and Challenges in the Advertising Market **By Remco Westermann** (CEO, Board Member)

How Does Programmatic Advertising Work?



We automate the buying and selling of ads on all digital devices



The Importance of Programmatic Advertising



The Importance of Advertising

The engine for consumer spending



Promote products, services and ideas to potential customers and target groups



Enable free content



Building brand awareness



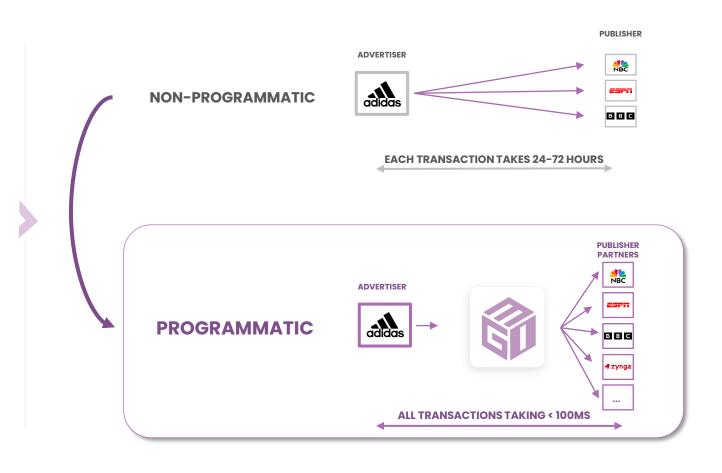
Generating demand



Driving business growth

Programmatic Advertising

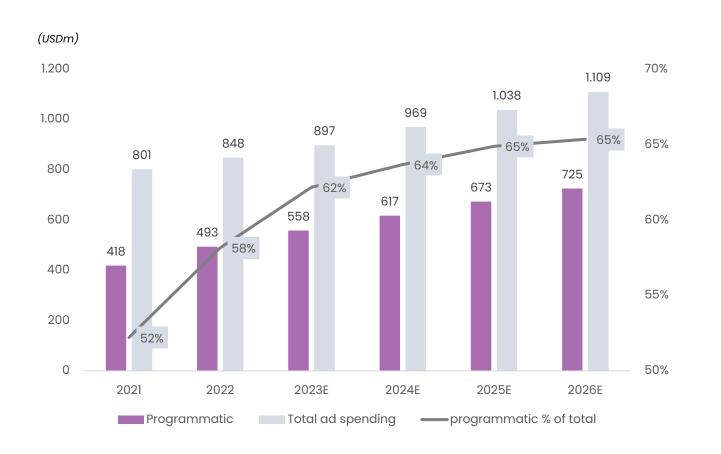
The turbo engine for consumer spending



Our Fast-Growing Market: Programmatic Advertising



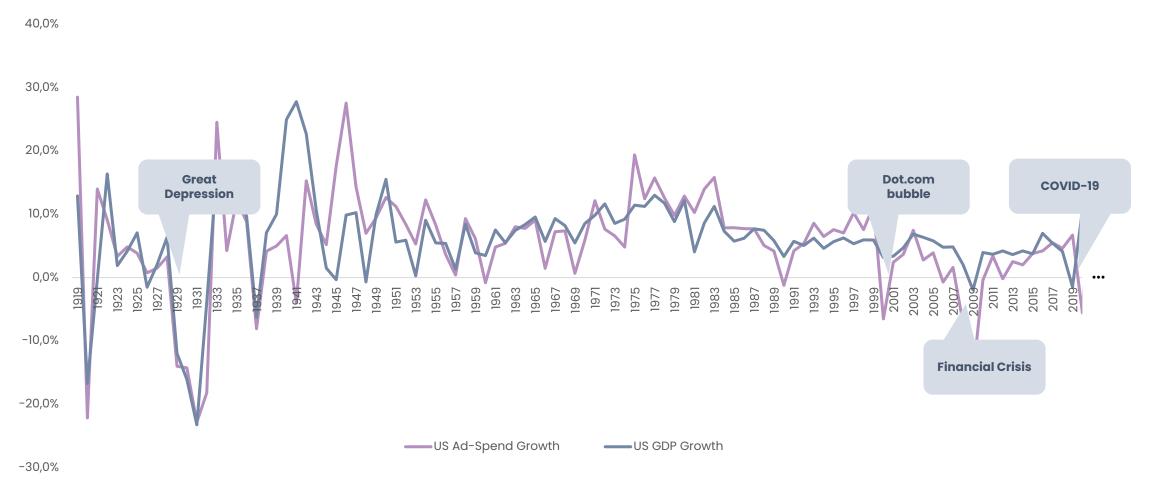
The advertising industry is massive and programmatic is the growth driver



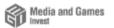
Advertisers are shifting their budgets to programmatic due to higher ROAS and measurability

Cyclicality of the Advertising Market





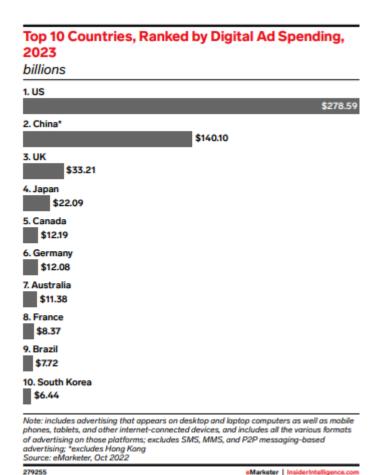
Advertising spend is highly sensitive to changes in GDP



The US Digital Advertising Market



Largest ad-market worldwide



Strong Outlook for further long term growth

- Largest GDP
- Fastest growing ad-market among the four largest economies
- Rapid recovery of the US market expected
- Homogeneous market enables strong scaling

~70% of Group Revenues



Our Market is Evolving Dynamically





CONSUMER HABITS CHANGING - TREND TOWARDS MOBILE AND CTV



ADVERTISERS LOOKING FOR TRANSPARENCY AND DIRECT SUPPLY



GOVERNMENTS ENFORCING PRIVACY



TECHNOLOGICAL CHANGE ENABLED BY AI, BIG DATA



DOMINANT PLAYERS STRENGTHEN WALLED GARDENS, PRIVACY SANDBOX, SKAD



MARKET CONSOLIDATION



CYCLICAL MARKET LINKED TO MACRO ENVIRONMENT

PLENTY OF OPPORTUNITIES

Building a Market Leader

By Remco Westermann (CEO, Board Member)

&

Sameer Sondhi (CRO)





A Global Player in Programmatic Advertising With Strong USPs

A strong base to build from







Integrated in over 20.000 Leading Apps



Auctioning ad-inventory of mobile app publishers in privacy-first environments

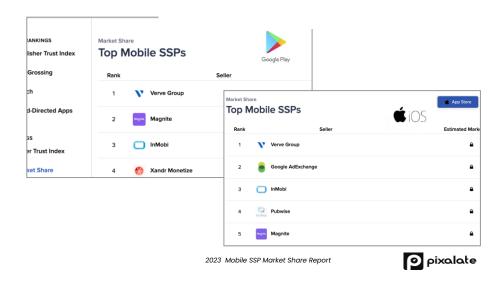




Leading Exchange position, built within < Four years

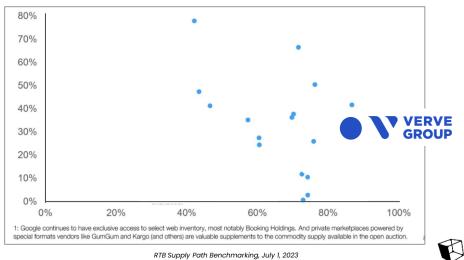


#1 Exchange for Apple and Android



Pixalate Mobile SSP Market Share June 2023 #1 for Google Play and App Store

Leading in direct Integrations



RTB Supply Path Benchmarking, July 1, 2023



JOUNCE

Jounce RTB Supply Benchmarking Report - Mobile App Verve Group Scale with more direct "premium" app supply at 79%. (above Magnite, PubMatic, Index **Exchange and others)**



Further Investment in Growth



Executing a roadmap to gain further market share in In-App

Some examples of our roadmap:

- Improving our Video rendering capabilities to be at par or ahead of competition
- Standardizing integration of ATOM
- ML optimizations for both efficient cloud costs control and pricing
- Latest SKAN version support and Google Privacy Sandbox development
- Launch optimized PMP stack / Deal packaging tool / Curation tools

Each of these is expected to improve our market position and drive revenues



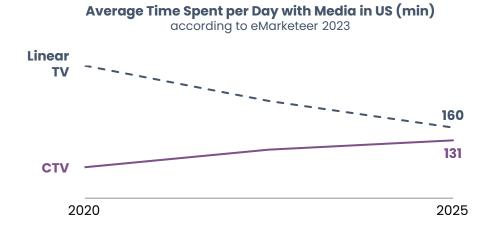


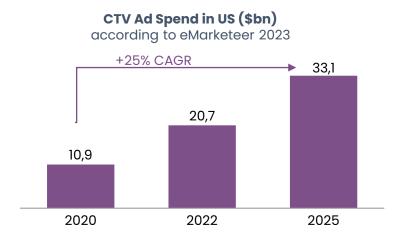
Building A Strong Position in a fast growing CTV market



TV is converging from traditional linear towards CTV/OTT

CTV - a Growth Market



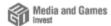


Advantages of CTV





- More engaging and powerful ad experiences
- Diverse and fast-growing audience





Offering the Inventory of Major CTV Players



Reaching 60% of US households





Some of Our CTV Demand Partners



Value-add from

- ✓ Cross platform(multi-channel) approach
 - ✓ Cross platform identity / targeting
- ✓ Unique O&O data and audiences exclusive to Verve customers

14% OF GROUP MEDIA VOLUME



Further Investment in Growth in CTV



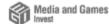
Executing a roadmap to gain further market share in CTV

Some examples of our roadmap:

- Released
 - LKQD migration
 - 50+ CTV specific features
 - New targeting types (beyond LKQD scope):
 - · Language targeting
 - · Livestream targeting
 - SPX Lineitems for OTT Ex2Ex traffic

- Mid term projects:
 - Open RTB 2.6 podding support
 - Reworking the inventory management tools
 - Updated IAB Placement Guidelines
 - Programmatic Guaranteed & direct deals for CTV

Each of these is expected to improve our market position and drive revenues

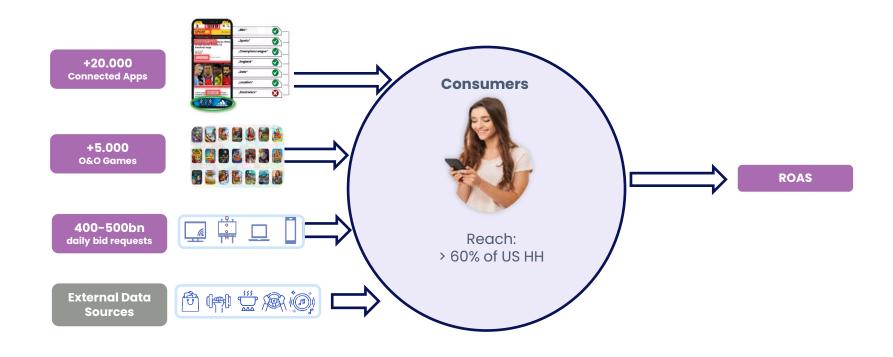




Data are Key to Improved Advertising Results



Data at Scale to target the right users and optimize the creatives



SAMPLE DATA POINTS

- · E-mail address
- Device ID
- Full name
- Location
- Keyboard Language
- Income/Spend data
- Content category
- Content age rating
- · Event data
- Location
- Affinities

PRIVACY FIRST

- Opt-In
- Contextual
- Brand safe
- Transparent

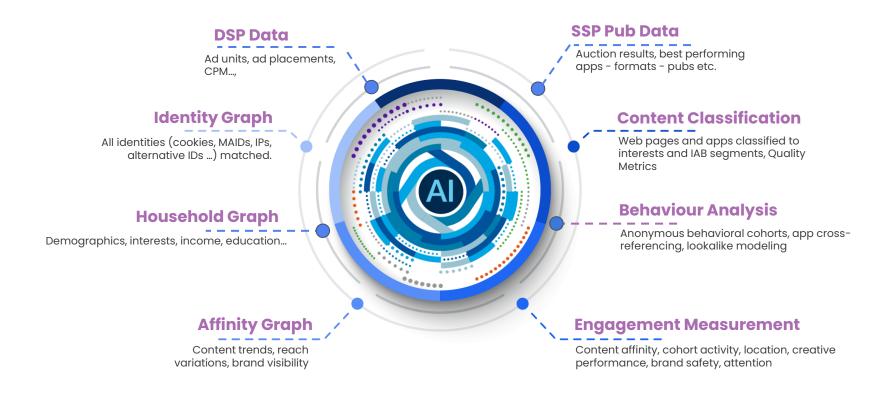


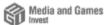


MGI Invests in Further Optimization



Al-driven Data Optimization







Also Well-Prepared for a World without Identifiers



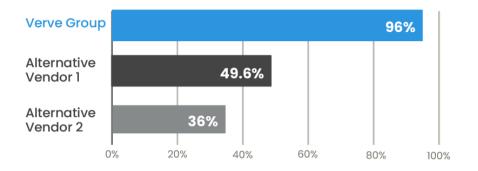
Validated AI capabilities - Contextual targeting with Moments AI

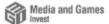


Highlights

- 24-hour campaign targeting fresh sports-related content in the UK and Germany.
- Verve Group outperformed the leading market alternatives by 36x for URL delivery for same day URL and on sports-related URLs

% of impressions on URLs published on the same day







Further Investment in Data and Targeting



Executing a roadmap to gain further differentiate

Some examples of our roadmap:

- Utilizing identity graph to pass enriched signals to DSP's and marketplaces
- Further improving Atom; more segments, more signals, improved functionality
- Rollout of the proprietary data platform Verve Audience Store
- Implementing strategic cooperation with Roq.ad
- Close cooperation with Apple SKAN and Google Sandbox teams

Each of these is expected to improve our market position and drive revenues

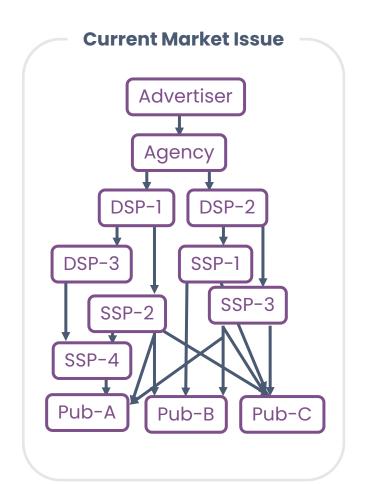


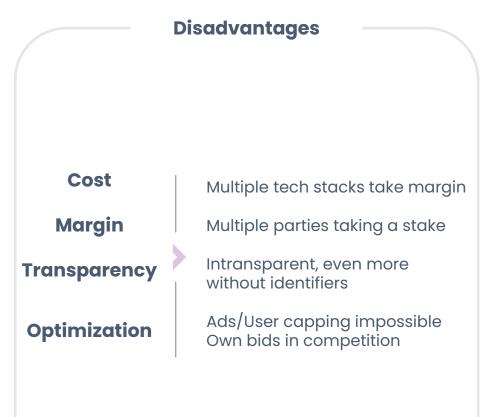


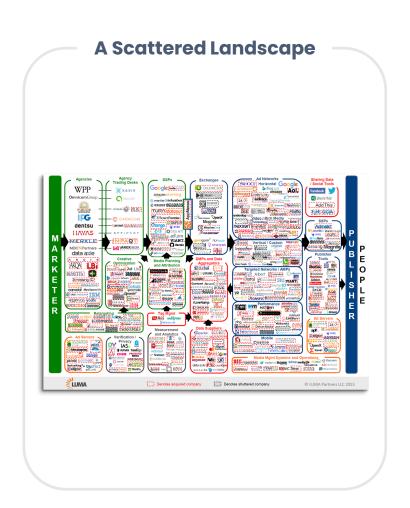
Programmatic Advertising in Theory Most Efficient



But due to too many parties very inefficient





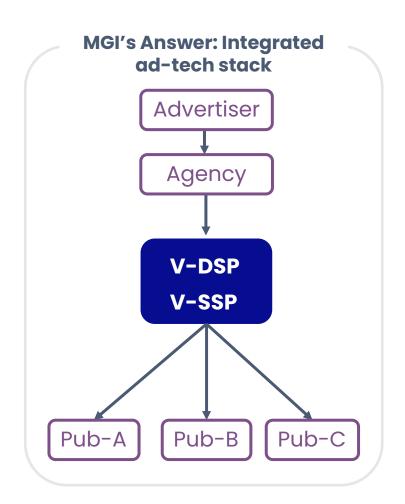




MGI: Offering an Integrated Multichannel Platform



Based on M&A and organic additions an integrated multichannel ad- platform was established



Vertically integrated

Multichannel

Cost Efficient

Effectiveness with data

Effectiveness in Bidding

Global

Wide range of capabilities

Compliant

Innovative

Advantages

Directly linking advertisers via publishers to consumers

Serving in-app, web, mobile web, connected TV and digital out of home

Direct connections, fewer components

First-party (own game studios), third-party and contextual

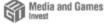
Better (Multichannel) Targeting, No Double Bidding, CTR control, margin control

(Worldwide)

Brand marketing, performance marketing, PMP's,

Privacy first, brand safe, Transparent

Atom, Moments.AI, SDKs, Visual Intent, ...





Further Optimize our Vertical Stack



Executing a roadmap to gain further platform efficiency

Some examples of our roadmap:

- Further integration and optimizing stacks
- Further investments in insights and measurement
- Evaluating Audio
- Further optimizing systems set-up; moving from cloud to hybrid
- Focus on operational excellence

Each of these is expected to improve our market position and drive revenues





Coffee Break (20 Minutes)



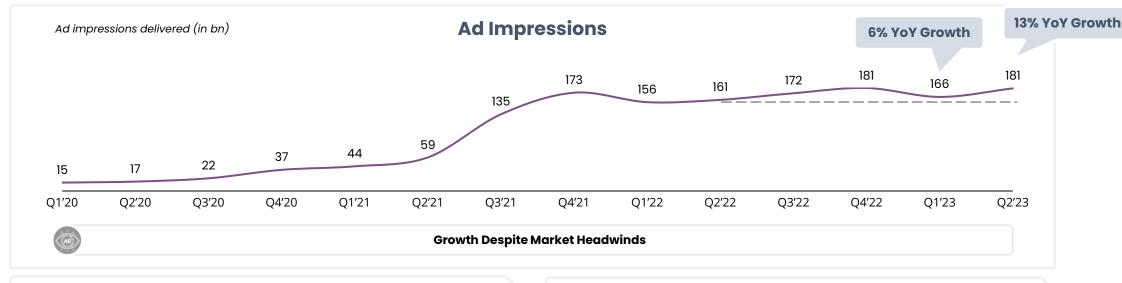
Agenda

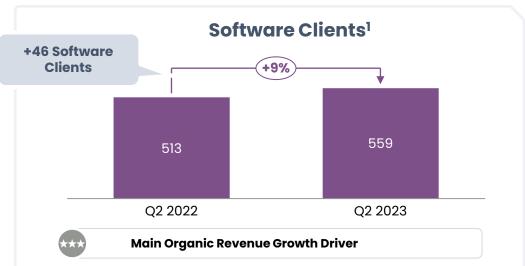
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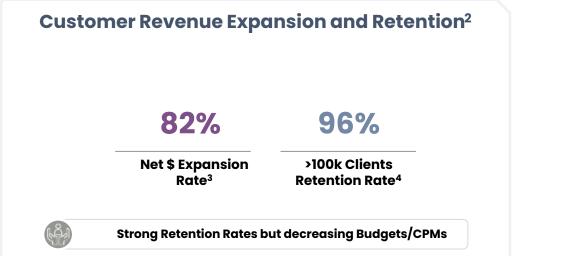
Strong commercial development builds base for organic growth



KPIs driving our long-term top-line growth





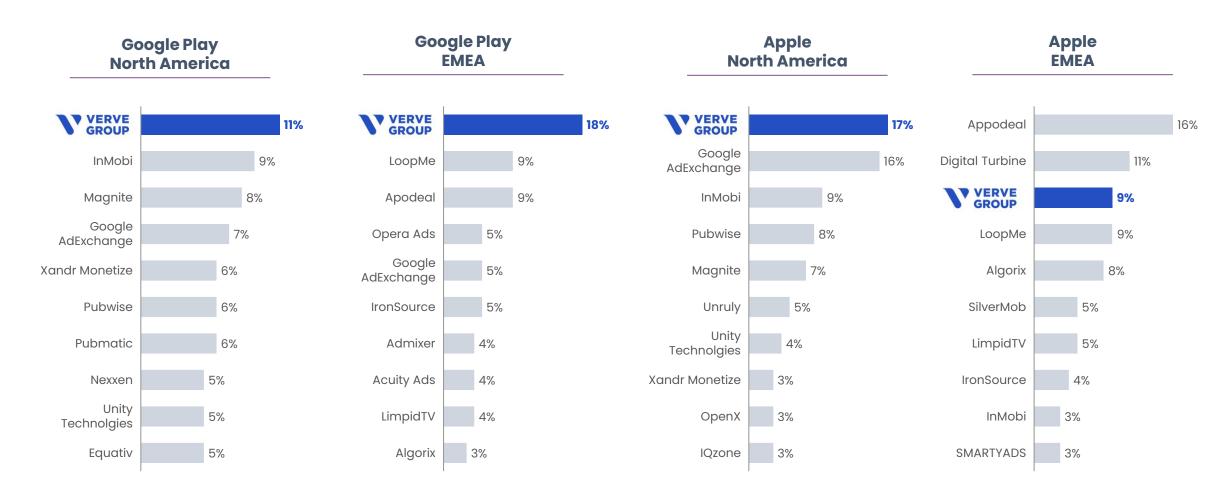




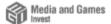
Market-Leading Mobile SSP



Pixalate's Mobile SSP Market Share Report confirms market leading position of our Supply Side

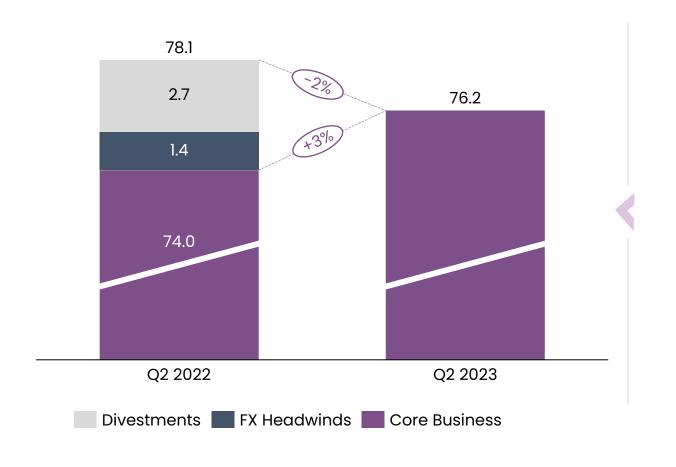


Verve Group has built a strong position in In-App supply, based on its large number of direct app integrations and its strong position in data enabling better ad-optimizations.



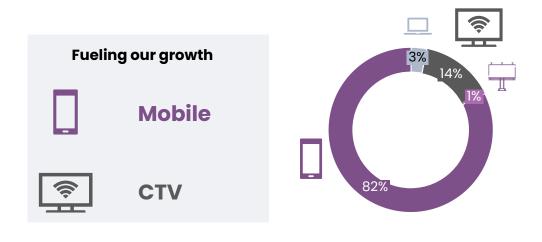
Q2 2023 Pro-forma revenue performance





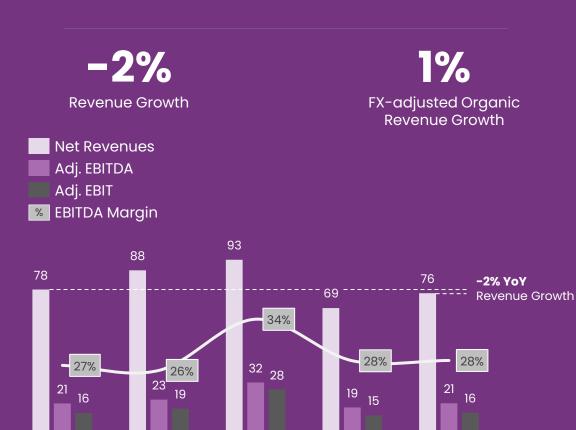
Commentary

- **3% yoy growth** from FX adjusted continued business
- Growth is driven by Mobile ad spend as well as CTV





Stable Second Quarter with Positive Organic Growth



Q4 2022

Q1 2023

Q2 2023

Q3 2022

Q2 2022

Highly profitable and cash generating Q2 2023

Strong Profitability

1%

1%

Adj. EBITDA Growth

Adj. EBIT Growth

Strong Margin %

28%

22%

Adj. EBITDA margin

Adj. EBIT margin

High Cashflow

21mEUR

3.0x

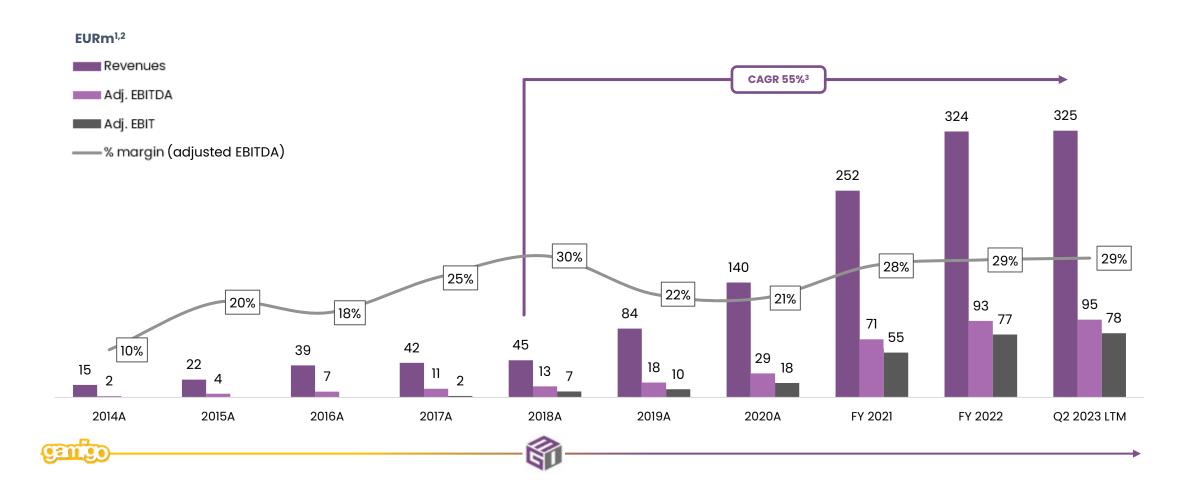
Operating cashflow before WC

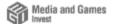
Interest Coverage Ratio

Consistent Long-Term Financial Development



Highly scalable and profitable business model with strong organic growth

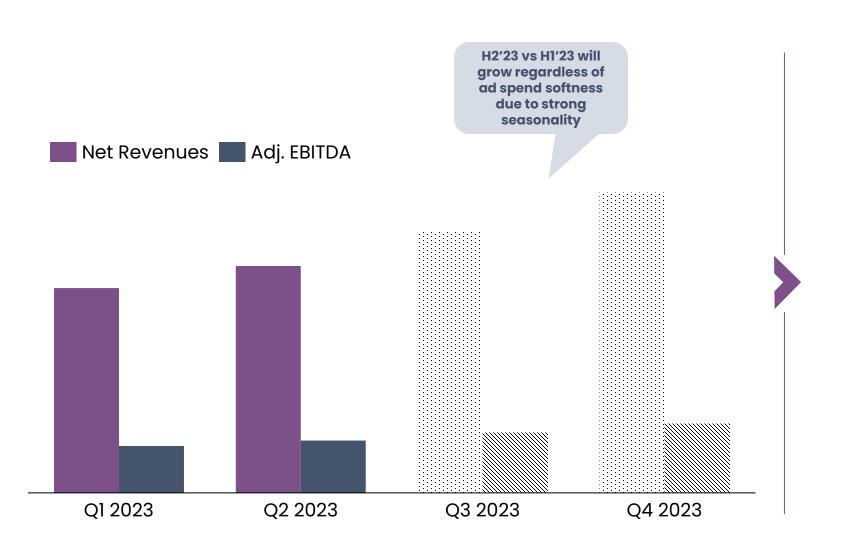




Revenue growth with further EBITDA increases expected for H2



Seasonality will further support revenue and EBITDA growth in H2 2023



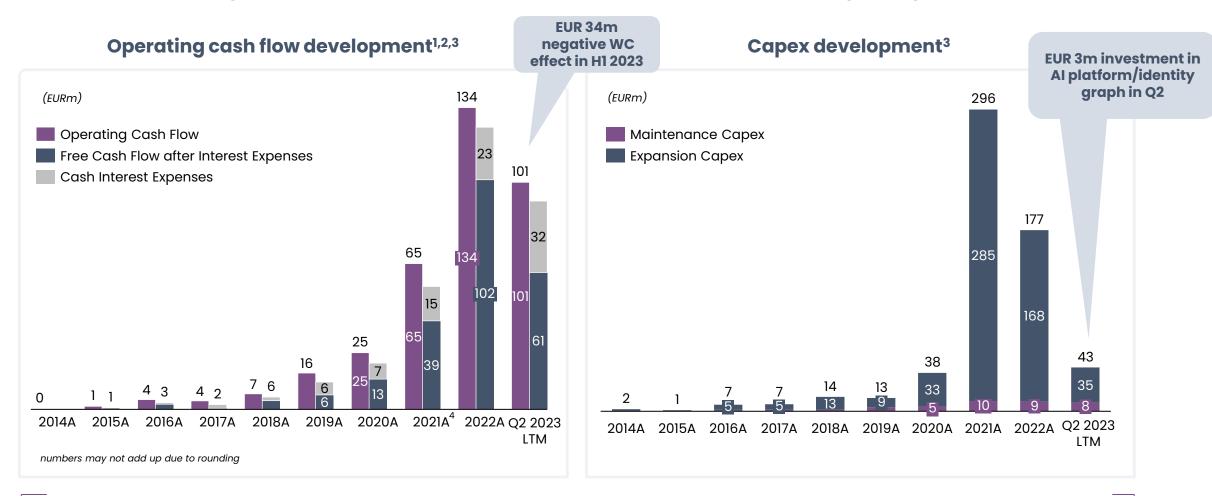
Commentary

- Revenues tend to build up during the year (Q1 < Q2 < Q3 < Q4)
- EBITDA tend to build up during the year (Q1 < Q2 < Q3 < Q4)
- Unspent budget in HI will get used up as marketers push to clock in sales and conversions before the end of the year
- Programmatic ad revenues in H2 are driven by Christmas, Thanksgiving, Black Friday

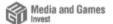
Operating Cash Flow and Capex Development



Strong cash flow from operations, continuous investments in organic growth



High free cashflow despite increased interest expenses due to reduced CapEx



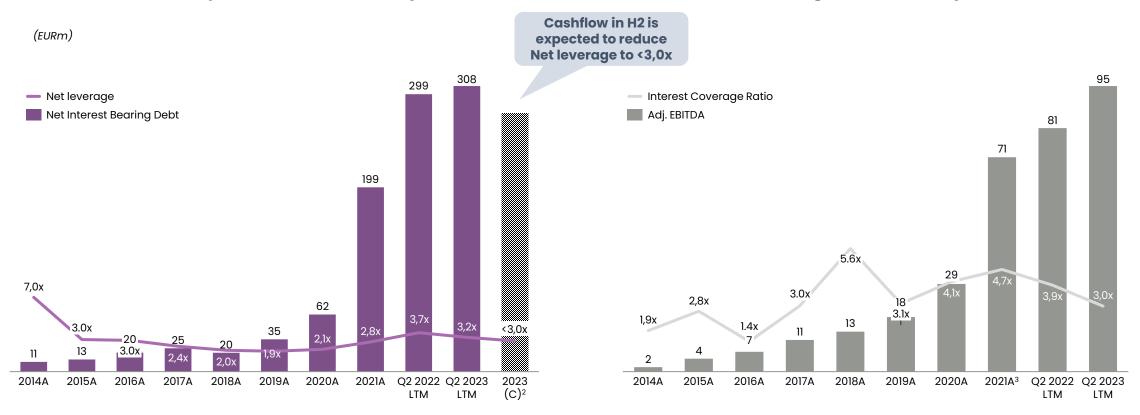
Net Leverage & Interest Coverage Ratio



Focus on further deleveraging in the coming quarters



Interest Coverage ratio development¹



Solid credit ratios with focus on further deleverage

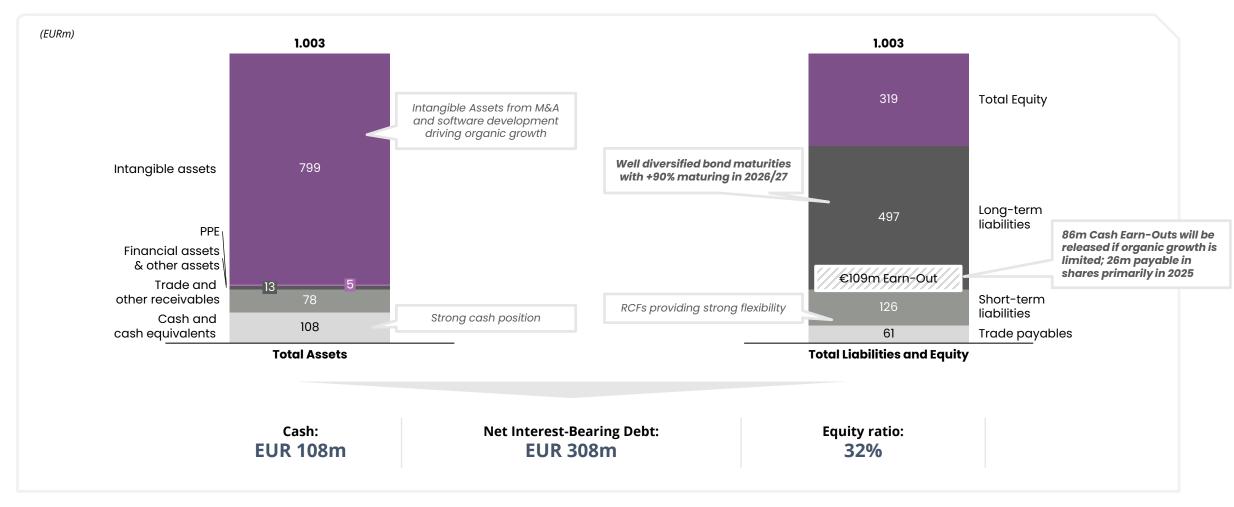


The MGI Balance Sheet



Strong balance sheet with high cash position to navigate the cycle

Balance Sheet as of June 30, 2023



UPDATED GUIDANCE



Stable YoY performance for 2023

	Actuals 2022	Normalized 2022 (*for divestments & fx)	Initial Guidance 2023	Updated Guidance 2023
Revenue (in €m)	324	303*	335-345	At normalized* 2022 levels
Growth	29%	20%	3-7%	stable
Adj. EBITDA (in €m)	93	93	95-105	At 2022 levels
Growth	31%	31%	2-13%	stable

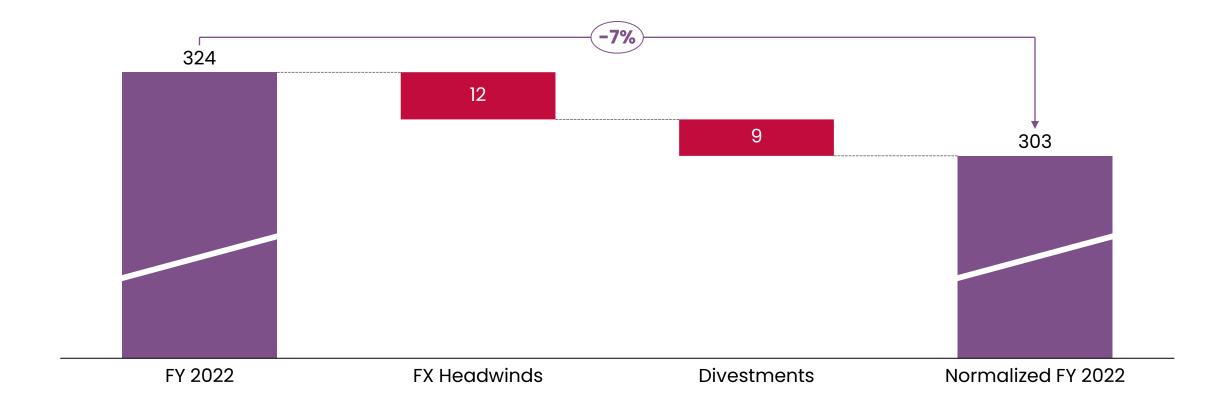
We expect stable YoY revenues in 2023 vs 2022 normalized for fx and divestments

Resilient profitability with further support from €10m cost saving program



Normalization of FY 2022 for Divestments and FX





Financial Key Take-aways

MGI is well-positioned to navigate the cycle

Positive organic growth combined with high profitability

Strong customer and Ad Impression growth!

Market leader on Android and iOS in North America

Natural hedge in earn-out liabilities with limited payouts in current macro environment

Cost saving program of €10m to further increase free cashflow and reduce leverage

Diversified Bond Maturities with +90% maturing in 2026/27 with solid credit ratios





Time for Q&A

To ask questions, please register at the following link (also to be found in the Press Release):

https://conference.financialhearings.com/teleconference/?id=5003855

Technical note:

While you are in the teleconference, please make sure to turn off the volume on your computer an only listen via phone



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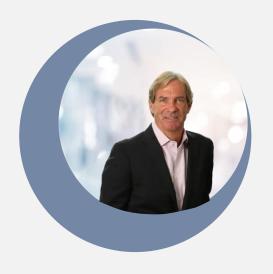


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Our Speaker Today

Market Cycle, Consolidation & Vertical Integration



Jay C. MacDonald
Founder/CEO/Managing Partner at Digital Capital Advisors

25+ years' experience of leading high growth and rapidly changing companies and investment banks in the technology and digital media sectors

Digital Capital Advisors, is a global Investment Bank founded in 2010 with offices in NY, SF, Berlin & Tel Aviv focusing on cross border M&A in the MarTech, AI, VR, Data and Analytics sectors. A few notable exits include Weather Underground to The Weather Channel, Zoomin.tv to MTG, SmartClip to Adconion and then RTL and Adbrain to The TradeDesk.



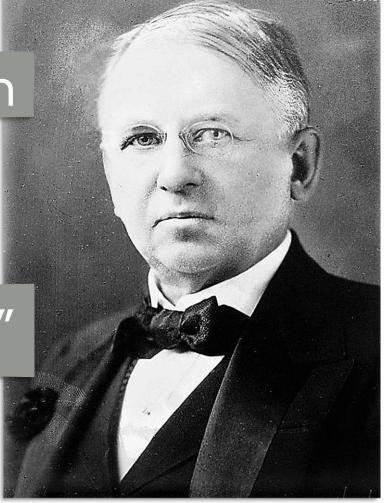
"Half the money I spend on

advertising is wasted;

the trouble is,

I don't know which half."

- John Wanamaker (1919)





AGENDA

- Media: Then & Now
- Shifting Demographics Globally
- Programmatic Advertising
- Wertical Integration
- Consolidation & M&A
- Looking Ahead



Media a Century Ago





Radio



Mail

Newspaper





Billboard



Modern Day Media





Streaming



TV



Search Engine



Online Media



Mobile Media



Radio



Social Media



Music



Out-Of-Home



Has the Media World Simplified?

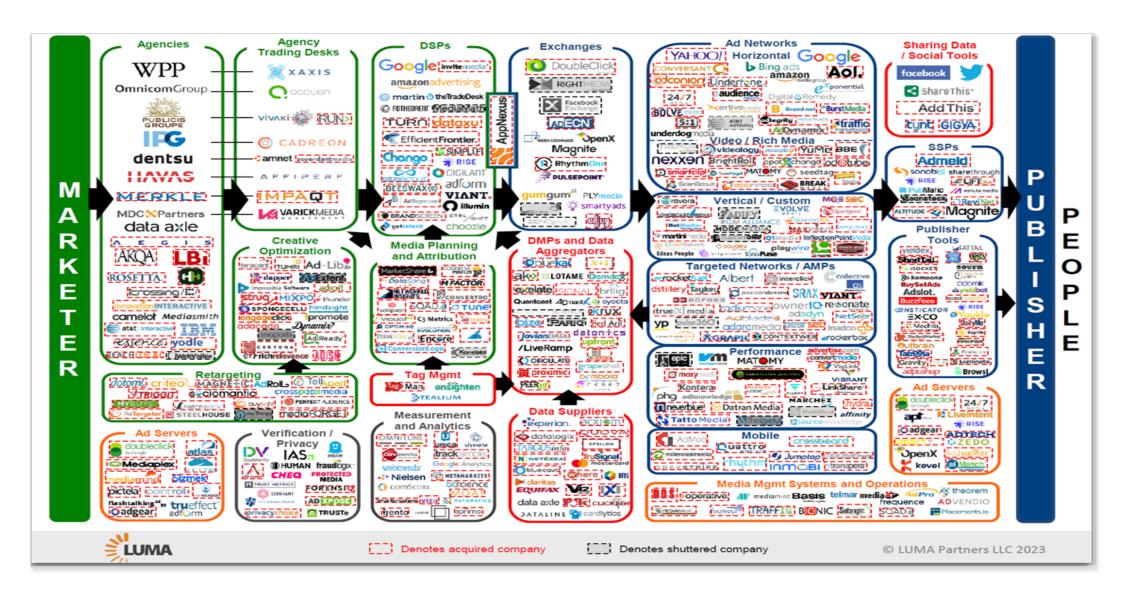


AdTech Landscape 2023 playwire **DEMAND SIDE PLATFORMS** SUPPLY SIDE PLATFORMS (SSPs) **AD NETWORKS NATIVE AD SOLUTIONS** infolinks epom Magnite y<u>ieldmo</u> MAX sonobi adestyle revcontent. AMOBEE MediaMath OneView triplelift fluct AdRoll xandr **■ NATIVO** StackAdapt theTradeDesk ADELPHIC Dianomi brax IIIadcashi mgid amazonadvertising Basis powerinbox VIEWABILITY MEASUREMENT PROVIDERS INBOXADS *xandr Google AdMob AS Integral MOAT COMPACT COMPACTOR C **BuySell**Ads **Outbrain** minute media netag fraudlogix Pixalate Adobe Advertising Cloud rivr & improve digital **MALVERTISING SOLUTIONS** Adblade))) 4 redirect Wunderkind adform impact Nielsen Tab 20 la sharethrough geedge (II) HUMAN **■ NATIVO** smartyads INDEX EXCHANGE PUBLISHER MANAGEMENT PLATFORMS **BRAND SAFEY PROVIDERS** CONFIANT (Boltive VRTC♠L **≤**Spring**Serve** playwire cafe zelto IAS Integral MOAT IN HUMAN 5 sharethrough Tapjoy € unityADS DoubleVerify AD QUALITY SOLUTIONS fraudlogix GW adThrive sourn THE MEDIATRUST ge::kedge UNRULY **IDENTITY MANAGEMENT SOLUTIONS REVENUE AMPLIFICATION PLATFORMS** DoubleVerify Chartboost 4 gumgum infolinks CONFIANT LiveRamp LOTAME neustar playwire® (Boltive ORISKIQ" ***E-PLANNING** with e mediagrid fabrick **■ Prebid** ID5 **CONSENT MANAGEMENT PLATFORMS (CMPs) APP MEDIATION PARTNERS DATA MANAGEMENT PLATFORMS (DMPs)** OnAudience piwik usercentrics Aliftoff CookieYes MAX Google AdMob Permutive Appodeal TrustArc osano A APPLOVIN **O**blue**kai COLOTAME LiveRamp** Cookiebot (e)epom ironSource DATAGRAIL OneTrust

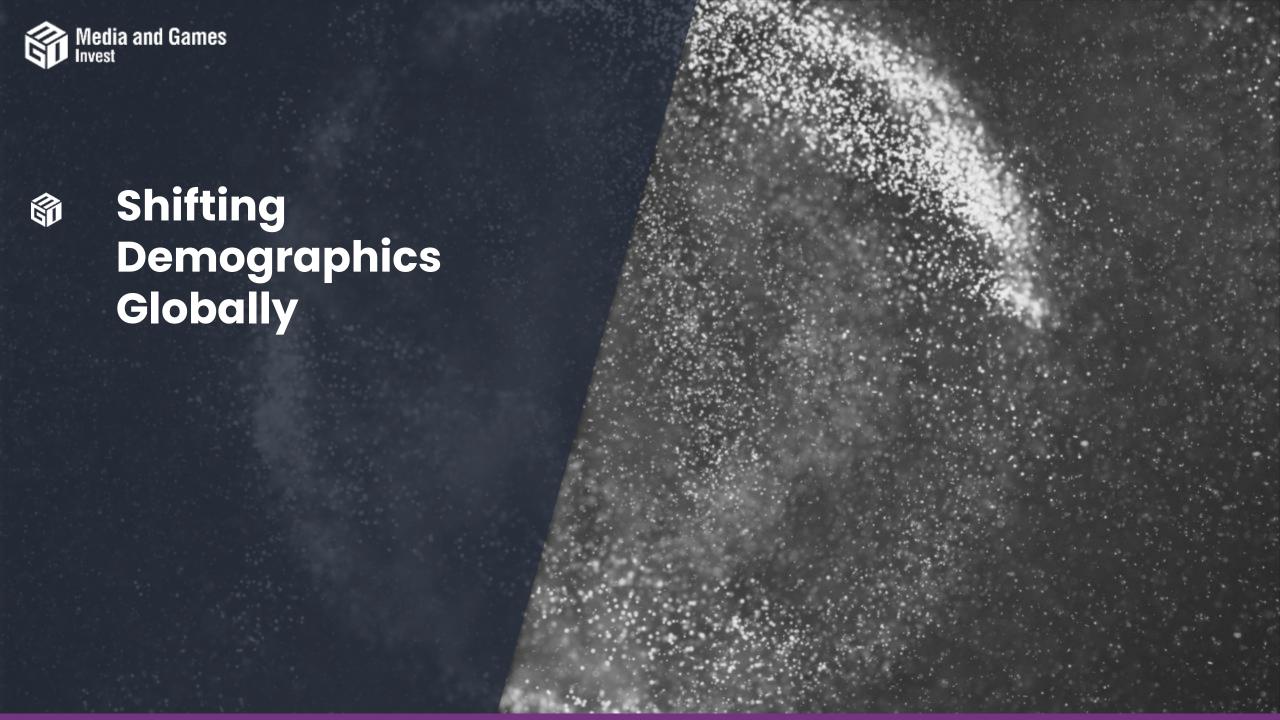


Today's Online Media Buying Landscape









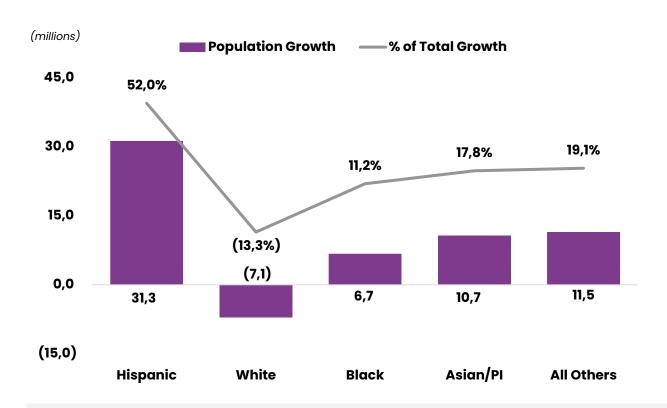
Shifting Demographic Landscape: U.S.



61

The Hispanic community in the U.S. has grown 88.7% from 2000-2023, accounting for the largest expansion of any demographic during that period. Despite this growth, targeted ad spend has not kept up due to high costs associated with language barriers and a lack of sufficient consumer data. As a result, the ad market for U.S. Hispanics remains undercapitalized.

U.S. Population Growth by Demographic 2000-2023



Expansion of Hispanic Audiences

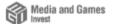






Commentary

By leveraging language-specific campaigns, culturally relevant content and precise audience segmentation, brands and advertisers are increasingly facilitating personalized experiences for U.S. Hispanics and other demographics.



Shifting Demographic Landscape: Europe



As a result of both natural immigration trends and Europe's role as a home for asylum seekers, the European market is rapidly evolving and becoming increasingly diverse.







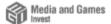


European Net Migration



Commentary

It is essential for brands and advertisers to adapt to changing demographics to ensure their campaigns are relevant and resonate with evolving consumer preferences and trends.







What do Advertisers Want Today?

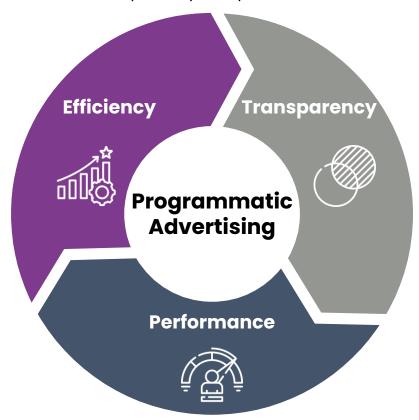
Efficiency, Transparency & Performance



Rapid advancements in technology are fueling the development of enhanced programmatic advertising tools designed to deliver efficiency, transparency and performance.

Efficiency

- Brands and advertisers can reach new levels of speed and precision.
- Advanced analytics and insights provide brands and advertisers the ability to make more informed decisions.
- Brands and advertisers can optimize ad spend by targeting hyper-specific audiences across a multitude of platforms.



Transparency

- As brands and advertisers increasingly compete for impressions, demand for transparency has reached an all-time high.
- Brands and advertisers expect full visibility into inventory, fees and data usage.
- Ad buyers that can clearly demonstrate their value and build trust will gain a key competitive advantage over the market.

Performance

- Brands and advertisers leverage real-time insights to monitor performance and optimize campaigns on the fly.
- As consumers spend more time across various platforms, it is becoming increasingly important for brands and advertisers to assess performance in realtime.





Has Programmatic Advertising Improved the Landscape for:

- Efficiency,
- Transparency,
- Accountability?

In Many Ways Yes...

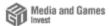


Programmatic advertising's main objective, like many technologies, is to identify and root out inefficiencies. In this pursuit, programmatic advertising has largely been successful in providing increased access and speed enabling geographically disparate stakeholders to buy and sell ads on various platforms faster than ever before.





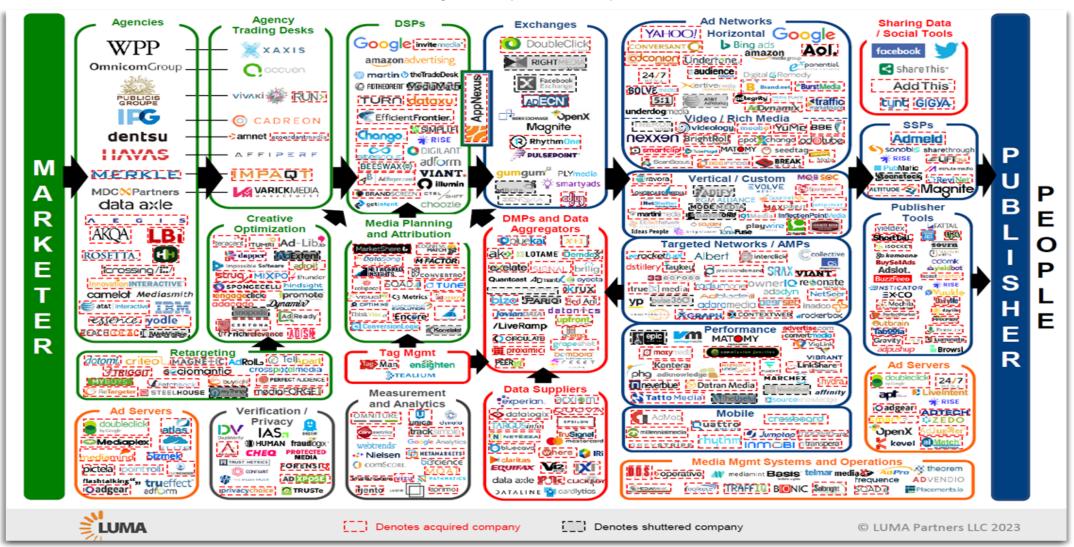


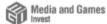


...In Other Ways No



While speed and access have improved, increased access has resulted in numerous bottlenecks where players in the market fill niche roles and fight for a piece of the pie.





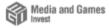


Vertical Integration



A historically complex and disjointed AdTech ecosystem has resulted in a shift towards vertical integration as brands and advertisers demand holistic end-to-end solutions.

Legacy Landscape Outlook DMPs Advertisers & Advertisers & Publishers DMPs Agencies Agencies DMP (0) (E) **Ad Networks DSPs DSPs Networks** Ad **Ad Exchanges Ad Servers** Exchanges **Ad Servers SSPs** SSP AD **Publishers SSPs**



Legacy Vertical Integration



The walled gardens that have dominated the digital ad market are becoming increasingly vertically integrated, enabling market leaders to offer brands and advertisers complete end-to-end solutions. These companies leverage vertical integration to enhance targeting capabilities, improve measurement, optimize analytics and offer superior user experiences.

















Vertical Integration: Benefits & Challenges



While vertical integration in AdTech offers many benefits, including streamlined operations and efficiency, it also creates challenges. As the AdTech market becomes increasingly integrated, companies will need to navigate heightened concentration, complex technological assimilation and potential regulatory hurdles.



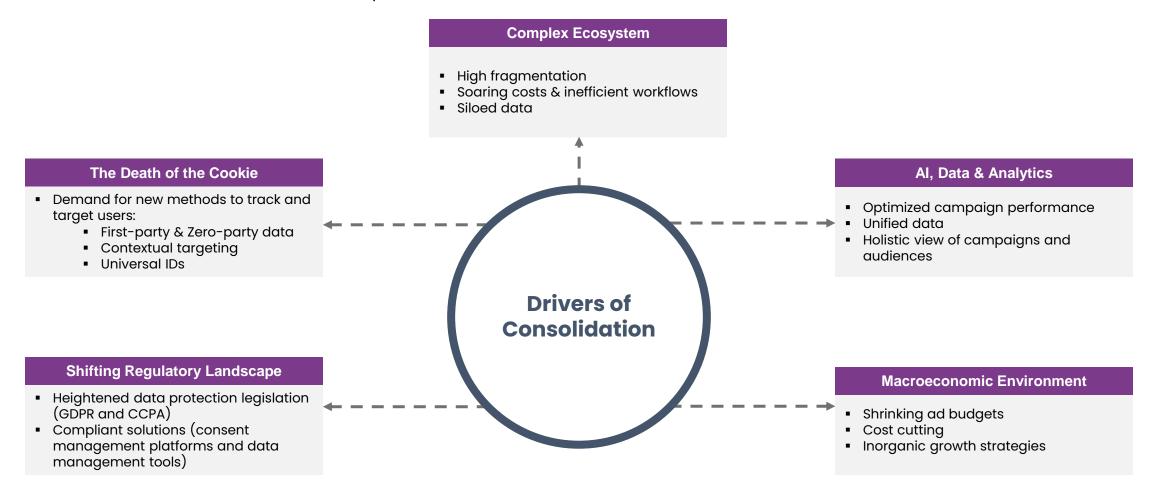




Drivers of Consolidation



Demand for end-to-end solutions, advancements in AI, heightened consumer preferences for privacy, changing regulations and a challenging macroeconomic landscape have all contributed to a wave of consolidation across the AdTech market.





Consolidation: Trends & Benefits



Two primary trends in the recent wave of consolidation across the programmatic advertising landscape have been the convergence of DSPs and SSPs and the rush to acquire first-party data. By combining DSPs and SSPs, AdTech players will be able to offer increased transparency and efficiency at lower costs. Moreover, in response to a shifting regulatory landscape, as well as the death of the cookie, companies across the entire AdTech ecosystem have been competing to acquire first-party data sources in order to prepare for a post-cookie world.







Benefits

- Transparency
- Efficiency
- Reduced AdTech Tax
- First-Price Auctions
- Optimized Bid **Requests**

Benefits

- Regulatory Compliance
- Circumvent The **Death of the Cookie**
- Consumer Trust & **Transparency**
- **Personalization**
- **Improved Data** Quality



AdTech Ecosystem Advertisers & Agencies DMPs

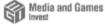




First-Party Data Sources Data & **CRMs Analytics**



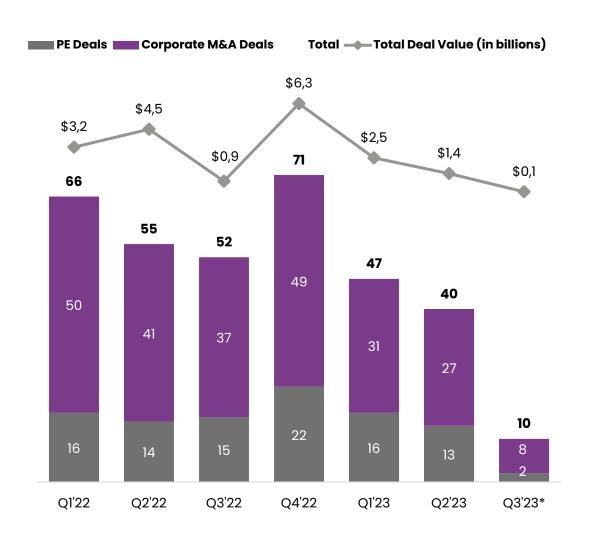
Media **Providers Companies Location Data Providers Platforms**



AdTech Landscape



Global AdTech Total Deal Count



Strong PE Activity



PE-Backed Simpli.fi Buys Bidtellect



Quotient Technology Gets Buyout Offer From Neptune Retail Solutions via Charlesbank Capital Partners







PE firm Novacap has acquired the TV adtech platform Cadent, which now plans to go on an acquisition spree

INSIDER

Equativ announces Bridgepoint as new majority shareholder to accelerate scale and growth of the independent adtech company

CISION





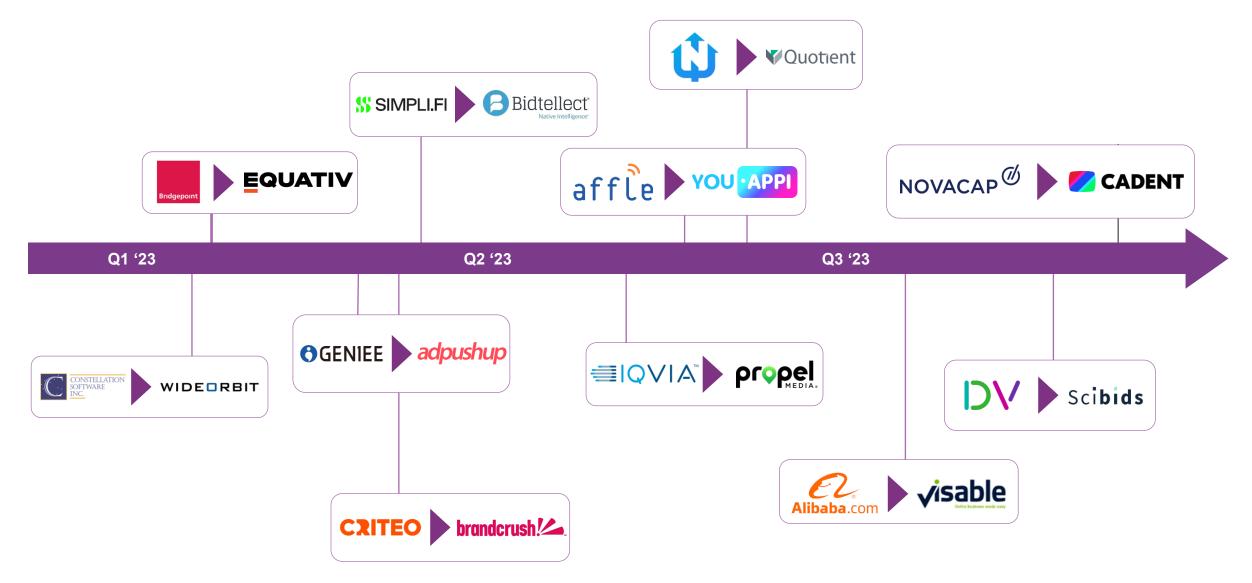
Prosus to sell Russian classifieds business Avito to Kismet for \$2.4B

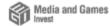




M&A: 2023







Notable M&A



Target	Date	Acquirer	Business Description	Implied EV
CADENT	Aug-23	NOVACAP ®	Provides integrated television advertising services intended to serve marketers, agencies, operators and media owners. Services include strategic media planning and placement, multiplatform media representation, full-service marketing services and next-generation software services solving channel proliferation and audience fragmentation issues.	\$600.0
Sci bids	Jul-23	DV	SaaS platform which solves algorithmic trading challenges by offering a plug-and-play, transparent, and self-serve algorithmic trading technology that automates the bids and the budget allocation across strategies, enabling marketing and advertising professionals to improve campaigns.	\$125.0
YOU APPI	Jun-23	affle	Their data-driven mobile platform, backed by ML and audience targeting, drives customer acquisition and retention for marketers, app developers, and agencies through ad campaigns for apps enabling brands to streamline their process to find and retain profitable users.	\$45.0
propel MEDIA.	May-23	≣ IQVIA™	Offers advertising via its real-time, bid-based, online advertising platform. This technology targets users and delivers video, display and text-based advertising.	\$800.0
adpushup	Mar-23	GENIEE	The platform helps publishers increase advertisement viewability, monetize adblocker inventors, and get insights with robust analytics, maximizing yield from advertisements and increasing revenue.	\$70.00
WIDEORBIT	Feb-23	CONSTELLATION SOFTWARE INC.	Advertisement management platform making it easier to buy and sell advertising. The platform maximizes efficiencies with tools that consolidate all media buying and selling efforts within a unified platform, enabling media businesses to create value on both sides of media transactions.	\$1,600.0
	Dec-22		The platform, based on enterprise software, is designed to monetize and distribute live or simulated live channels to multiple platforms with in-content ad experiences injected across all devices, enabling media operators to create new inventory supplies that sustain and improve the viewer experience.	\$350.0



Notable M&A (cont'd)



Target	Date	Acquirer	Business Description	Implied EV
:: Avito	Oct-22	KISMET CAPITAL GROUP	The company's platform is a classified advertisements website with sections devoted to general goods for sale, jobs, real estate, personals, cars for sale, and services, enabling small and medium-sized businesses to drive additional sales without fees charged for ad placement.	\$2,460.0
TRADER	Oct-22	carsales	The company offers marketplace services across listings subscriptions, private party listings, brand advertising and listing enhancements and software, dealer services and data insights, helping dealers run and grow their businesses more effectively.	\$778.5
⊘ REVIEWS.io	Sep-22	AppHub	The company's platform increases advertisement click-through rate, lowers its cost-per- click, provides past customer reviews to build trust, displays product review solutions for growing brands, manages online reputation across third-party platforms, thereby helping brands build trust through review collection.	\$72.0
AMOBEE	Sep-22	nexxən	The platform allows marketers to understand and influence consumers' decision journey while providing media planning powered by analytics and audience data, enabling users to get advertising solutions for the convergence of digital and advanced TV with ease.	\$211.8
IPONWEB	Aug-22	CRITEO	The company develops machine learning and artificial intelligence-based technology solutions for building and operating complex media trading systems and platforms, thereby providing media traders technological flexibility and control without sacrificing access to global media, data, and services.	\$287.6
admix	Jun-22	E LAND yault	The company's platform banners ads and product models in 3D, indexes VR and AR technology from publishers and programmatically serves relevant ads through large DSPs, enabling advertisers and publishers to provide advertisement in VR and AR and monetize their content.	\$300.0
 <a>⇔xandr	Jun-22	Microsoft	The company's platform optimizes return on investment for both buyers and sellers while maintaining a commitment to an open marketplace and empowering the open web globally, enabling advertisers to connect with their audiences, and publishers to drive monetization.	\$1,000.0





Looking Ahead to 2H 2023 & Beyond





IPO Market Remains Closed

 Despite recent high-profile IPO filings, the IPO market has remained mostly frozen due to depressed valuations, high interest rates and general macroeconomic concerns.



Accelerated Development of AI in AdTech

Recent advancements in AI have demonstrated the range of applications for the new technology across AdTech. AI adoption is expected to enhance targeting, generate analytics, scale content creation and offer hyperpersonalization.



Slowing Ad Spend

In response to the challenging macroeconomic environment, marketing budgets have been slashed significantly. As a result, AdTech firms have incurred meaningful revenue losses as companies scale back marketing campaigns.



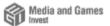
Continued Move Towards Vertical Integration

 As companies increasingly demand efficiency and compete for first-party data, the vertically-integrated players are best positioned to succeed due to the demand for end-to-end solutions and plethora of customer touchpoints.



Government Focus on Data Privacy

 The new emphasis on consumer privacy will force companies to evolve and adopt new, compliant approaches to data collection.





Thank You



Jay C. MacDonald
Founder // Managing Partner // CEO



August 2023
New York // San Francisco // Berlin // Tel Aviv
Soon to be: LATAM & Singapore
digitalcapitaladvisors.com



Agenda

- MGI Business Update
 - Coffee Break
- MGI Financial Update
- Q&A
 - Lunch (We will be back at 12:30 CEST)
- External expert session Market Cycle, Consolidation & Vertical Integration
- External expert session Identity and AI
- External expert session Data Based Targeting in a New World With Privacy Restraints
 - Coffee Break
- MGI Product Presentation: Moments Al
- Panel Discussion and Q&A
- Outlook & Closing Remarks

Our Speaker today

Identity, Data and AI in Advertising



Jeff Coon
Chief Strategy Officer at Racis Techn

Chief Strategy Officer at Basis Technology

20+ years' experience in the digital advertising and technology sectors

Jeff is the Chief Strategy Officer at Basis Technologies and has experience as CEO of an advertising startup as well as an advertising and marketing analytics services company. He held key positions at Microsoft, Quantcast and InMobi.

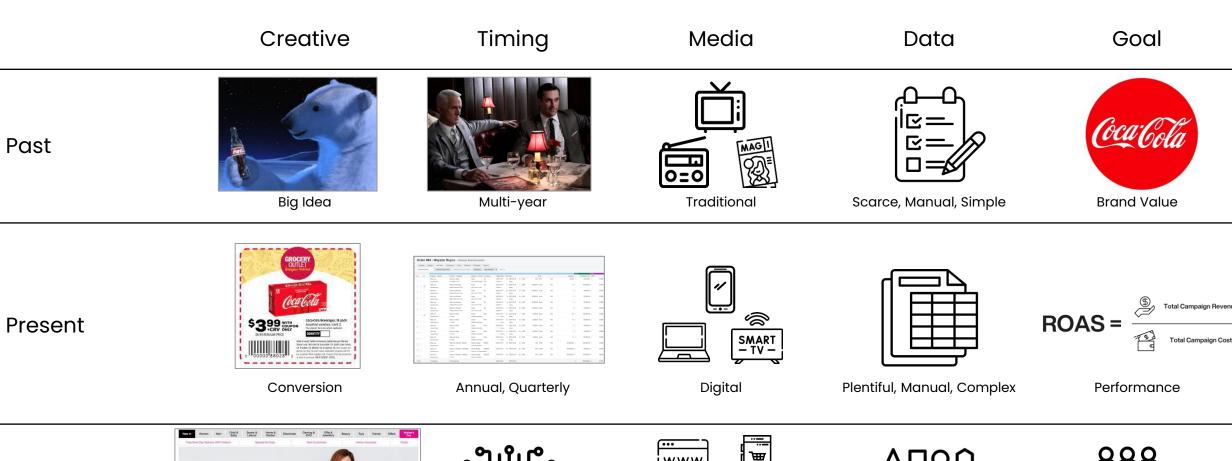


Identity, Data and Al in Advertising today

- Advertising today powered by Data
- Data relies upon Identity
- Near future disruption of Identity & Data
- Longer-term outlook



Evolution of Advertising



Near Future



Dynamic & Personalized



Real-time



Owned, Earned, Shared, & Paid

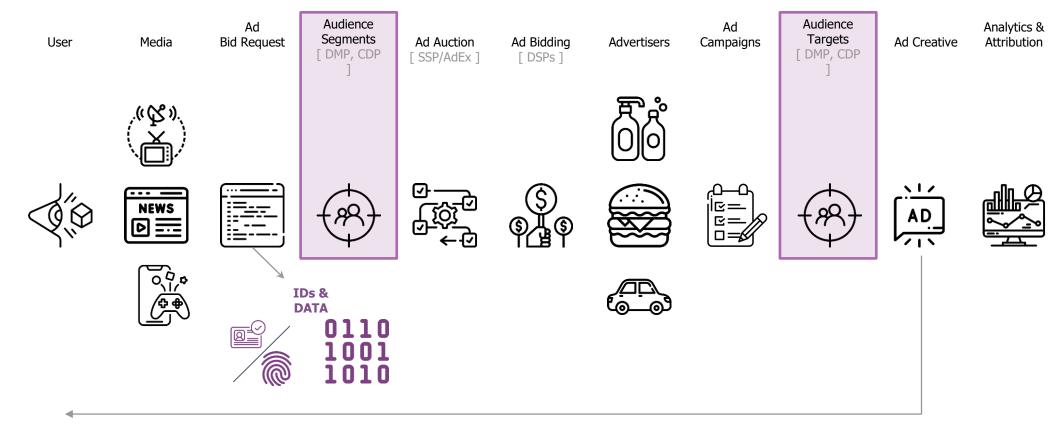


Nearly Infinite, Automated

Full-funnel Engagement



Advertising Today

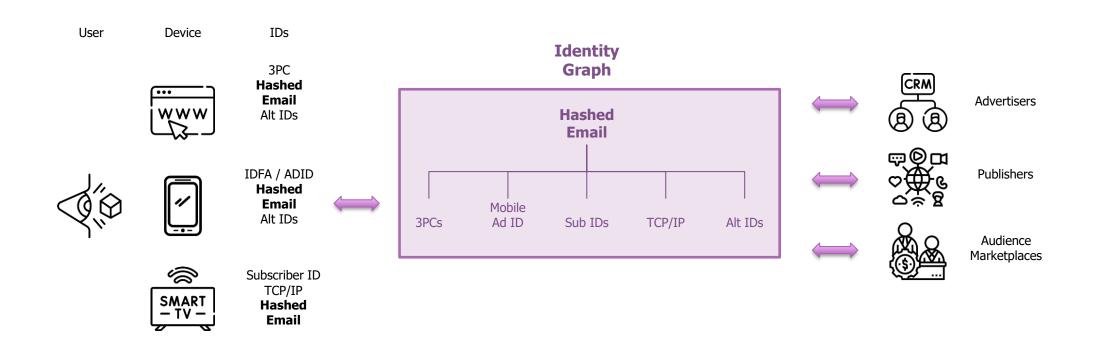


Ad request to ad served < 100 ms

1.7 Trillion times per day, 72B per hour, 20M per second Without ID & Data, nearly impossible for Advertiser to value or target best ad spots



Identifiers, Identity Graphs, and Data Enablement



Hundreds of IDs: User PII, Device, Pub/Subscriber, Network/ISP/Telco, etc.

Hashed Email critical to graphing online <> offline IDs and Data

Identity Graphs enable hundreds of thousands of data elements be utilized

What types of Audiences?



Demographic

Age Gender Ethnicity Income Children

Education-Level 1-6 Education 7-12 Education Private School College Degree Adv'd Degree Every Major...

> Job Title Seniority Industry

Home Apartment Senior Living

> Dating Personals Marriage Divorce

Geographic , Travel

Current-Country Current City

Near Retail? Near Restaurant?

Frequent Flyer Frequent Rail Rail Commute Bus Commute Bicycle Commute

Adventure Travel
Budget Travel
Luxury Travel
Business Travel
NA Travel
EU Travel
APAC Travel
MEA Travel
ANZ Travel
Notional Parks

Every Country...

Theme Parks

Affinity / Spendograph

Previous buyer Frequent buyer Compete buyer

Comparison Coupon Promo / Freebie Survey

Retail buyer Preferred retailer

Online buyer Pref Ecommerce

> Have Pets Aquarium Birds Cats Dogs Reptiles

Auto Parts
Auto Repair
Buying New Auto
Buying Used Auto
Hi-Perf Auto
Truck
Electric Vehicle
Hybrid

Interests, Activities

American Cuisine
French Cuisine
Italian Cuisine
Japanese Cuisine
Korean Cuisine
Chinese Cuisine
Cocktails
Beer
Wine
Foodie
Vegetarian
Food Allergies

Bird-watching
Card Games
Chess
Cigars
Drawing
Writing
Investing
Photography
Video Games
Gambling

Arts & Crafts

Every Pro Sport... Every Pro Team...

> Every Major Interest...

Small sample of 300,000+ audience segments commercially available today

Does not include
Advertiser first-party,
Behavioral Lookalikes,
many other custom
audiences



Digital Advertising today relies on Deterministic Identity and PII-centric Data



What if IDs go away?

Identifiers Progressively Being Restricted or Eliminated













2016

April

The EU adopts the General Data Protection Regulation (GDPR)

2017

June

Apple starts blocking some third-party cookies in Safari

2019

August

Google announces Privacy Sandbox initiative to develop privacy-forward standards for open-web advertising

2019

September

Mozilla announces Firefox will block cookies by default for all users

2020

January

California Consumer Privacy Act, the first state data privacy legislation, takes effect

Google announces deprecation of third-party cookies in Chrome by 2022











2022

July

Google delays deprecation of thirdparty cookies in Chrome to H2 2024

2022

February

Google introduces the Privacy Sandbox on Android

2021

June

Google delays deprecation of third-party cookies in Chrome to late 2023

2021

April

Apple allows iOS 14.5 users to opt out of sharing data associated with their Identifier for Advertisers through its
AppTrackingTransparency framework

2020

March

Apple starts blocking all cookies that enable cross-site tracking in Safari

April 2021, Apple Privacy Changes in iOS 14.5 update

Case Study



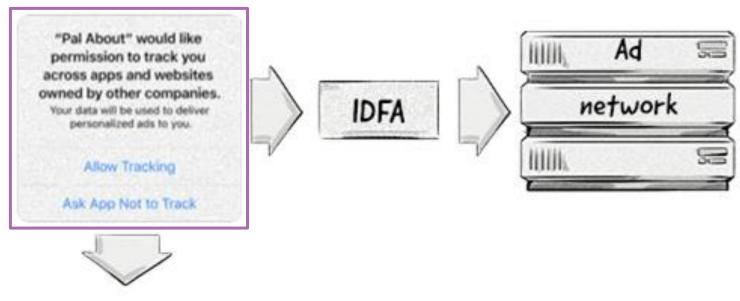
- App Tracking Transparency [ATT] requires User opt-in and consent to use of any PII, IDs or other data
- SKAdNetwork centralizes all iOS ad analytics in Apple service

April 2021, Apple Privacy Changes in iOS 14.5 update - ATT



App Tracking Transparency [ATT] requires User opt-in consent before IDFA, any PII, geo-location, or any other user-provided data can be used





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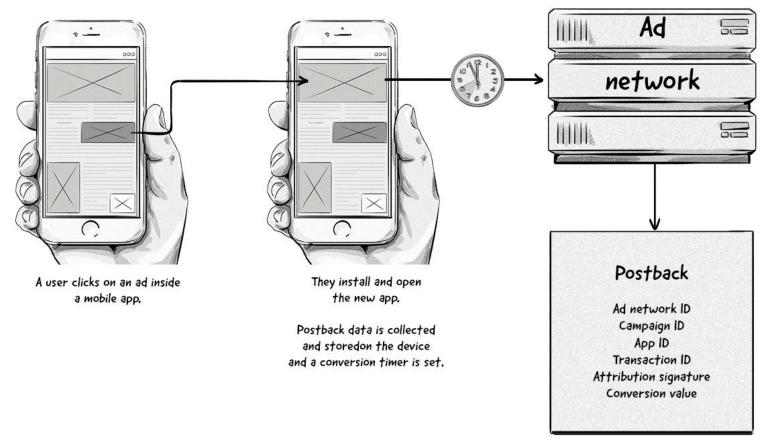
April 2021, Apple Privacy Changes in iOS 14.5 update – SKAN



How Apple's SKAdNetwork API works

The SKAdNetwork is designed to attribute ad clicks with app installs in a privacy-friendly way.

No user-level or device-level data is passed to AdTech platforms or MMPs.



Once the conversion timer expires (between 0–24 hours after the conversion), the postback data is sent to the AdTech platform or MMP.

No user or device-level data passed to Ad Tech platforms

Attribution measurement now severely limited, per Apple guidelines

Apple also now capture every iOS advertising exposure, click, install, etc. for every advertiser in real-time...

Impact & Effects



First 30 Days

- 90%+ of iOS bid requests no longer share IDFA due to lack of opt-in consent; as result, 90%+ of ad supply no longer "addressable" aka targetable or measurable iOS marketers watched ad campaign performance measurement & attribution metrics plummet, then simply stop working due to lack of data Marketers forced to pause and/or reallocate iOS ad budgets iOS ad budgets begin to migrate to Android, Apple App Store promotion, CTV and other video,

- and Search

First 90 days

- iOS CPMs decline 50%+
- Android CPMs increase 35%+
- Apple App Store promotional ads become key iOS ad channel

Apple iOS Privacy First Year Impact



Negative

Facebook: Fight Apple and do not integrate with ATT or SKAdNetwork. Q2-2022 revise earnings down 10%+ citing ATT specifically; later cite Apple ATT as cause of -\$20B+ in 2022 losses

Twitter: divest Mopub, arguably #2 mobile ad platform and core revenue stream

Snap: miss Q2-2022 earnings by - \$250M, directly cite iOS & ATT challenges

Positive

Apple: App Store promotion and search advertising grew from \$1.9B in 2020 to \$19.6B in 2022

TikTok: enjoy 70% YoY ad revenue growth; ByteDance cite close Apple relationship, comprehensive ATT & SKAdNetwork integrations, and resultant Advertiser perspective of being 'easy to work with' as key competitive advantages enabling revenue growth to accelerate

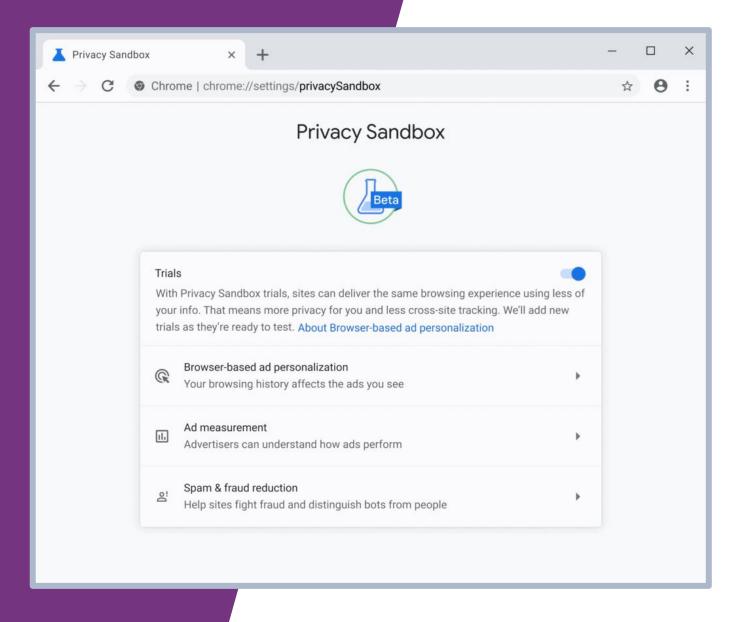




Near future challenges, part 1:

Google restricting 3PC in Chrome in 2024; will restrict Android AD-IDs longer-term





Impact & Effects to Expect



Likely nearly identical to impacts of Apple's iOS 14.5 privacy updates

- Dramatic reduction in presence of ID on users, large portions of ad supply "un-addressable"
- Existing Audience Targeting cease working on un-addressable supply
- Performance measurement, attribution, all analytics cease working on un-addressable supply – dramatically impacting advertiser's performance metrics and ability to optimize

Media Budgets will reallocate to chase performance

- Value of Opted-in, consented data will increase rapidly, becoming far more expensive
- Contextual, and other alternative targeting tools, will become relied upon far more
- Alt IDs or "Anonymous" IDs, which rely on fingerprinting and probabilistic methods, will rapidly grow
- Ad budgets heavy up on remaining addressable supply, including migration to partners with superior addressability solutions

First-party, opted-in, consented data will become substantially more valuable and expensive

- Publishers, platforms, advertisers who possess quality consented data highly likely to alter products and distribution of data to maximize their own revenue.
- While increasingly valuable, the dramatic reduction in size & scale of addressable will not satisfy advertisers...



Near future challenges, part 2:

Privacy Regulations & Compliance

Privacy Regulation Compliance Increasing Challenge



- GDPR (EU): Stricter consent requirements for collecting personal data, higher fines, and the right to be forgotten.
- CCPA (California, U.S.): Similar to GDPR; note 15 other states considering similar regulation.
- PIPL (China): Stricter consent requirements, higher fines, etc similar to GDPR. Strict requirements for cross-border data transfer, likely to require local data storage.

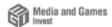
- User Consent Management:
 Platforms will need clearer, more user-friendly consent mechanisms.
 This is highly likely to reduce the number of users opting in, significantly impacting data collection scale.
- Data Scarcity: Quality opt-in, consented data will be scarce, and thus substantially more valuable. Advertisers should expect prices for quality audience targeting to increase

Hashed Email

the key ingredient of Digital Ad Identity & ID Graphs under GDPR, others is considered PII and **not permitted to use without User Consent**



What emerges and wins long-term?





Digital Advertising will evolve to rely on Privacy-Safe Platforms in the near future



Privacy-safe Ad Tech

- PII-based Deterministic ID & Data give way to Probabilistic, Anonymous, Privacy Safe identifiers and audiences
- Contextual Targeting 2.0 emerges powered by substantially more powerful Al tools
- Carefully cultivate and retain opted-in, consented data – Consumer, Publisher, Advertiser trust critical
- Best Ad Tech platforms and advertisers will integrate all these capabilities to offer Advertisers optimal engagement across their Owned, Paid, Earned and Shared media channels

Evolving toward Privacy-Safe Ad Tech



Deterministic / PII-based

- Jeff Coon purchased a Toyota Tacoma in 2022 from Dolan Auto Group ⇒ add jefecoon@gmail.com to New Insurance, Truck Owner, Toyota Dealer Services, Dolan Group customers, other related audiences
- Jeff Coon used his Visa to purchase new rock climbing shoes at REI ⇒ add jefecoon@gmail.com to Rock Climbers, Outdoor Enthusiasts, High Risk Insurance, other related audiences

Probabilistic

- ⇒ "Additive," meaning each interaction incrementally increases accuracy of probabilities, on individuals and the entire audiences that have similar interactions
 - ⇒ Massive volumes of data and probability prediction enable accuracy, at internet scale
 - ⇒ Without PII or regulatory compliance challenges

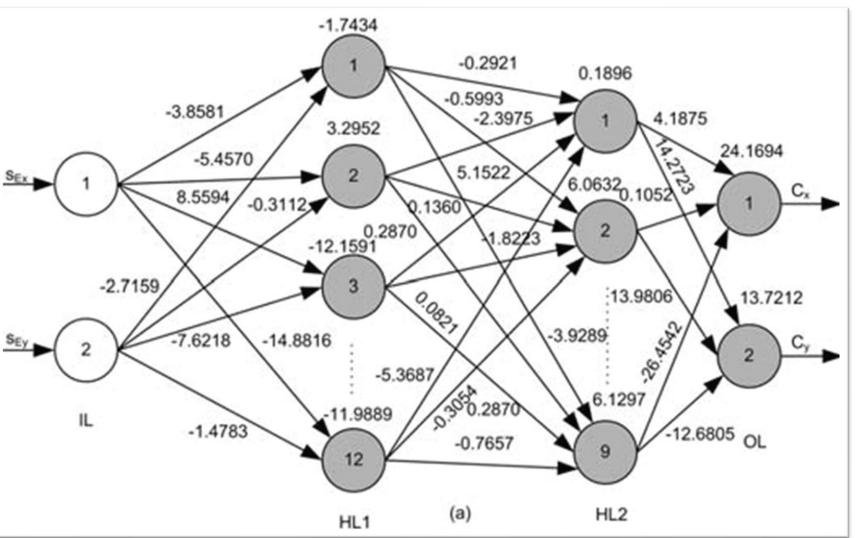
Probabilistic / Privacy-Safe

- <u>User XYZ789</u> visited TacoTrucks.com to read 2019 Toyota Tacoma owner reviews ⇒ probability engine estimates +85% likely to in market to purchase a Toyota Tacoma
- <u>User XYZ789</u> visited OutdoorGearLabs and spent 9 minutes reading climbing shoe reviews ⇒ probability engine estimates +33% chance user in-market for new climbing shoes
- User XYZ789 visited CascadeClimbers.com shoe reviews ⇒ probability engine estimates +50% chance he's a climber, +20% chance user in-market for new climbing shoes, and -40% chance he's a regular golfer
- User XYZ789 clicked on an Ad for Nike golf shoes ⇒ probability engine estimates +90% chance user is a regular golfer, and +40% chance user loyal to Nike brand

Enter Al







Neural Networks, at the core of Al

are sophisticated scoring and probability estimation engines



WHAT WINS IN THE FUTURE?

- Al modeling scaled behavioral, non-PII data from advertising platforms, O&O media, advertiser's data, and partner's data will yield highly accurate Privacy Safe audience targeting and measurement
- Combine with next-generation Contextual content scoring to dramatically improve accuracy and performance
- Proprietary, O&O media users opting in & sharing consented, "truth-y" data – as well as Advertisers sharing their opted-in data – dramatically improves accuracy of predictive modeling
- Longer-term, I believe Marketers will tightly integrate these types of platforms into their own platforms – enabling them to finally achieve the personalization and optimization of audience engagement across their Owned, Paid, Earned and Shared media channels



Thank you!



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 - Coffee Break
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Our Speaker Today

Data Based Targeting in a New World With Privacy Restraints

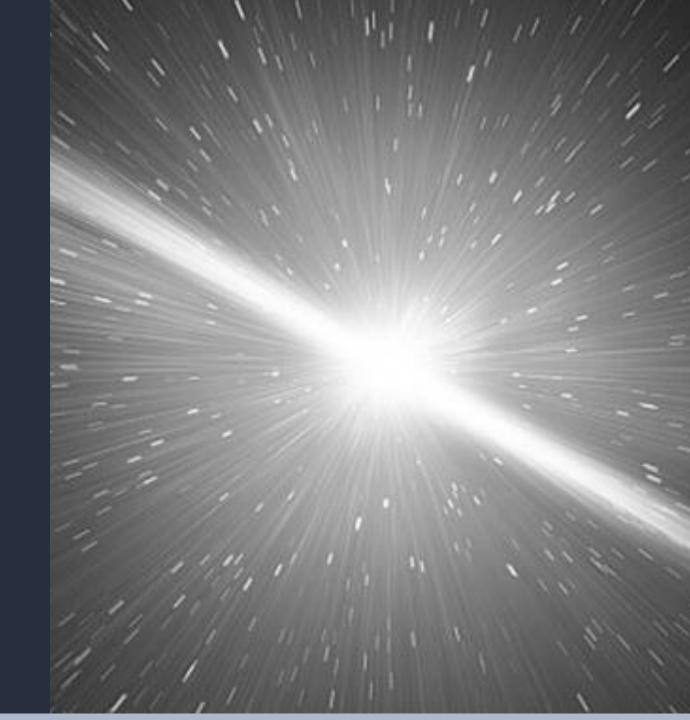


Oliver Dragic
General Manager at pilot-group

10+ years' experience in the digital advertising industry

Oliver is Managing Director of pilot-group, a full-service provider for modern brand communication and one of the largest media agencies in Germany and oversees the programmatic advertising division. Before joining pilot-group in 2014, Oliver started his career at Omnicom Media Group among others.

It All Started With a Big Bang





Cookies Spread Across the Universe

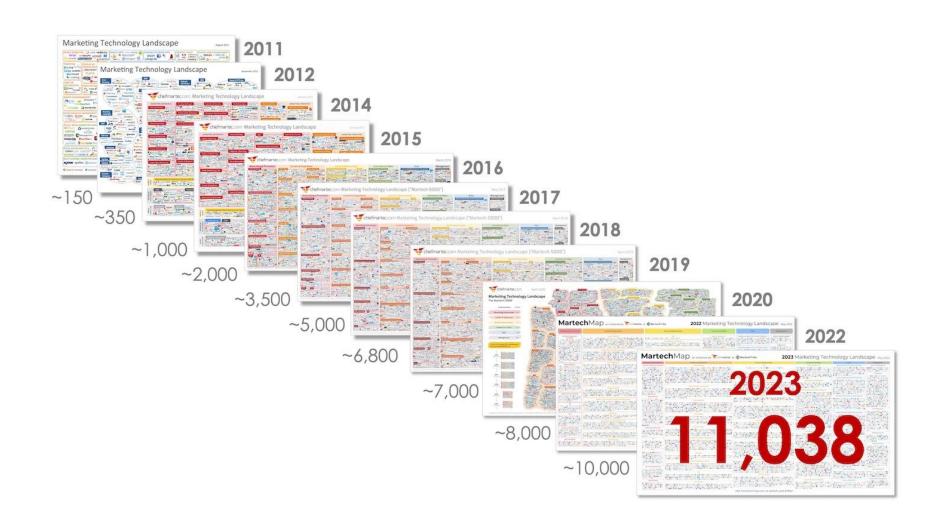
In the absence of regulations, the chances of veering off course are rather elevated

~1054 cookies per day

The Cookie as a Business



In the absence of regulations, the chances of veering off course are rather elevated.





The Supercookie

Identifying users without their consent



LET'S SWITCH TO A DIFFERENT CASE



This Course Isn't Exactly New Territory For Us



Real life shares some similarities with our cookie experiences

LOYALTY CARDS

GOVERNMENT DATA DATA COLLECTORS/SELLER









Conclusion

Why the cookie has to be changed

- > Lack of overview on utilized data, collectors, storage, purpose, and user benefits
- Resulting in loss of trust and escalation to an emotional level

GDPR, CCPA & Co.



The regulators shake up the industry





Effective May 2018

Requires active user consent

Fines: Up to **4% of global turnover** or **20 million Euro**, whichever is greater





Effective January 2020

Requires active user consent

Fines: \$2,500/\$7,500 max for violations/intentinal violations; consumers can request \$100-\$750 per incident

THEIR AIM:

PUTTING THE USERS BACK IN CONTROL OF THEIR OWN DATA AND ITS USAGE

Cookie History Repeats Itself

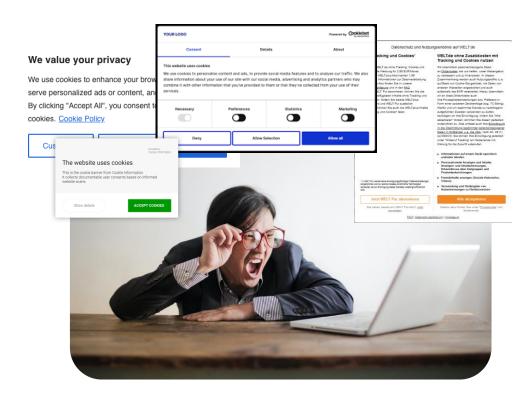


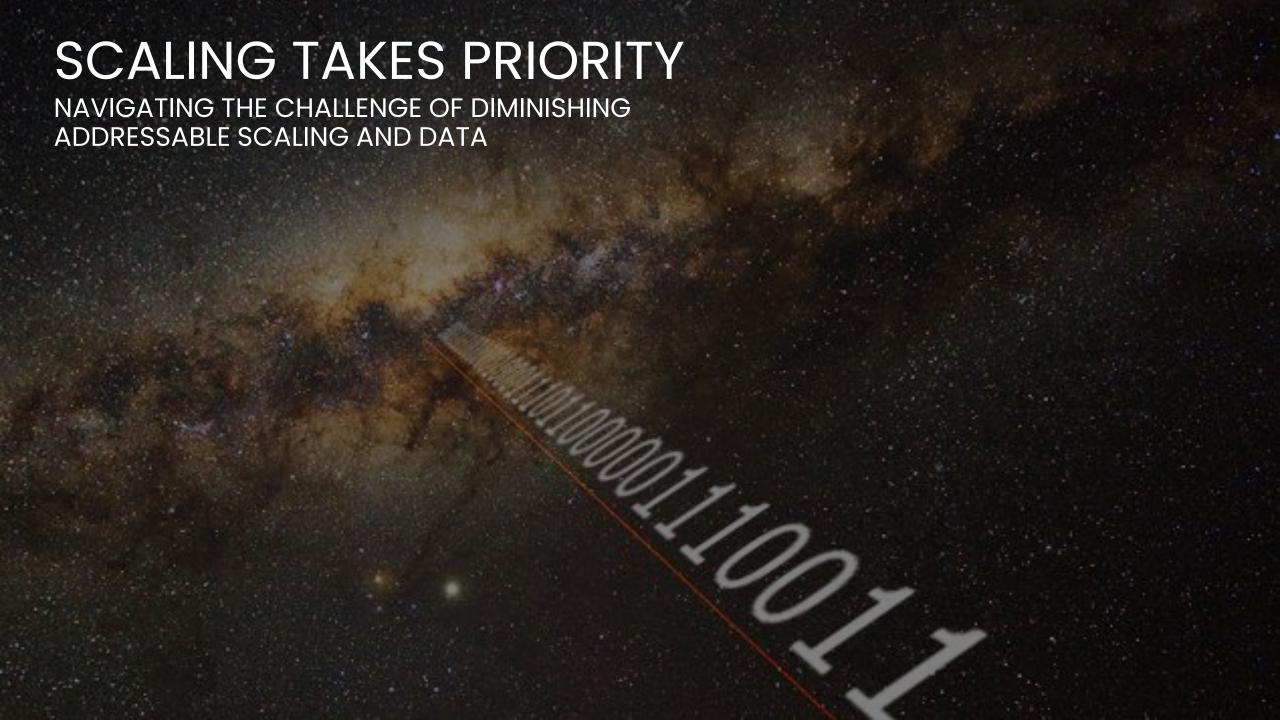
Applications multiply faster than the knowledge how to use it and what for

GOAL



RESULT





Some Alternative Solutions For a Cookieless Targeting

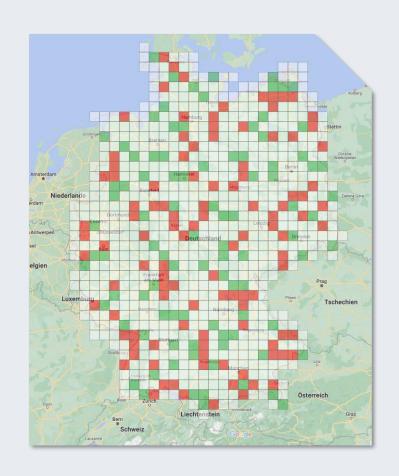


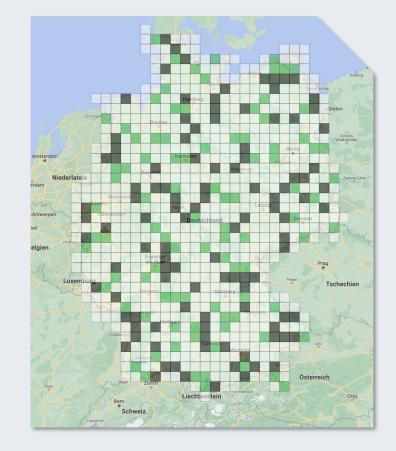
The more we understand the better the cookieless targeting



How to Leverage Contextual Data

Data combinations are creating higher campaign impacts





How to Leverage 1st Party Data

1st Party Data can be used without a cost intensive CDP









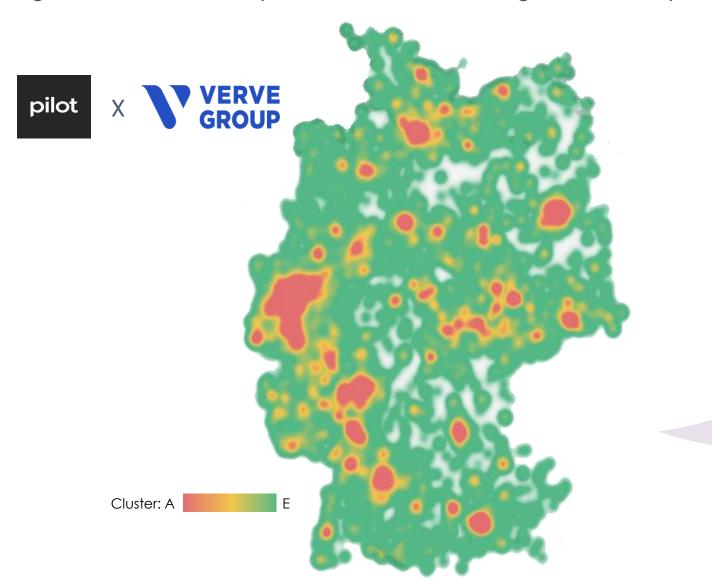


506 NEW CUSTOMERS

Future Proof Targeting Instead of Temporary Solutions



Regional Data have the power to overcome budget inefficiency



25% ROAS

18% CONVERSION RATE

How to Measure an Impact Without Cookies and IDs



Verification is the key to new insights and data efficiency



	Line Item	Cluster •	Impressions	Imp. Distr.	Potential TGHH	Al's in TG	Budgetefficiency in TG
1.	Baseline IO	Α					24 %
2.	Baseline IO	В			13		11 %
3.	Baseline IO	С					10 %
4.	Baseline IO	D			-		5 %
5.	Baseline IO	E					2 %
						00	
						00	300
					CARA		
							1
						0	
					7	2	No.
		Cluster:	А		E 🧥		
					6	9	

Decoupled from 1:1 measurement No trying to hit actual panelists for their cookie/identifier

Can be used with all digital controllable channels

Possible live & ex post measurement

16%
BUDGET
EFFICIENCY

4X

EFFICIENCY IN TARGET GROUP

Conclusion



Having the **right partners** and assembling the **right data** with them is crucial for a better and more scalable campaign solution **in this "New World"**

That's why we are thrilled to have Verve as such a partner



Thank you!



Agenda

- MGI Business Update
 - Coffee Break
- MGI Financial Update
- Q&A
 - Lunch (We will be back at 12:30 CEST)
- External expert session Market Cycle, Consolidation & Vertical Integration
- External expert session Identity and AI
- External expert session Data Based Targeting in a New World With Privacy Restraints
 - Coffee Break (15 Minutes)
- MGI Product Presentation: Moments AI
- Panel Discussion and Q&A
- Outlook & Closing Remarks



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Our Speakers Today



Rami Alanko
General Manager A&I



Prasanna Prasad
CTO of Verve Group

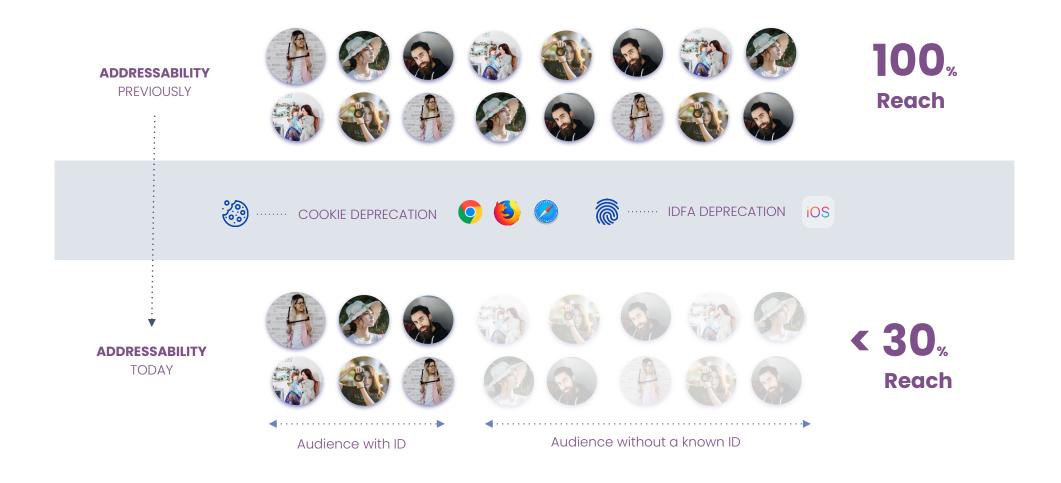
Addressability in AdTech The Evolving Landscape





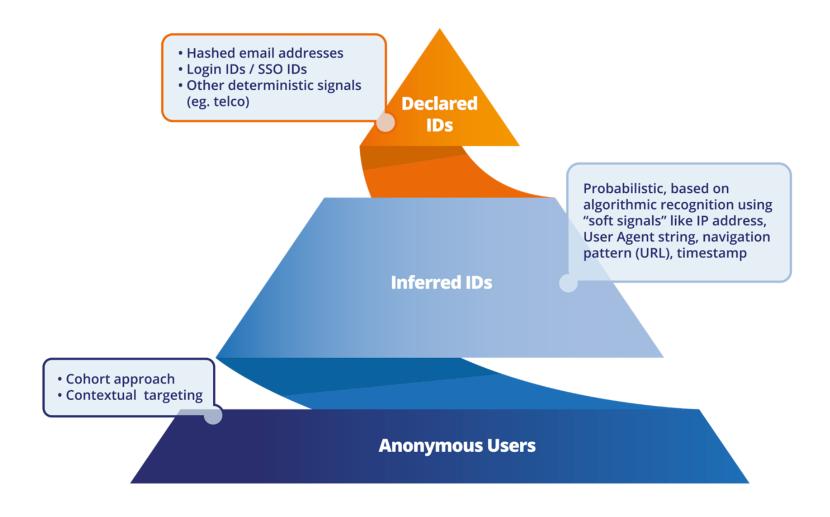
What Is Addressable Is Now Anonymus





The Shift to Privacy-centric Targeting





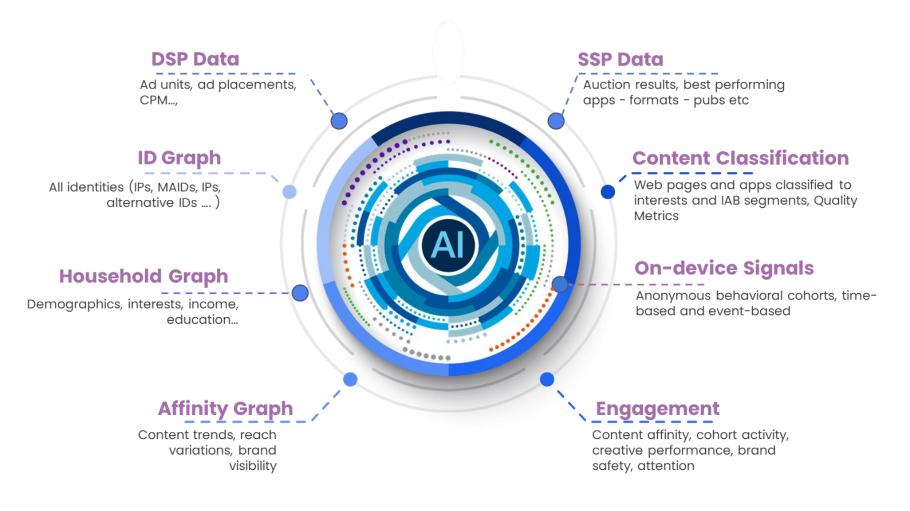
Portfolio Approach



Household MOMENTS.AI **ATOM** Cross-Device (Web Contextual) (Mobile In-App) Targeting (CTV) Audiences **VERVE ADDRESSABILITY SUITE** ID Graph | Insights & Measurement | Open Standards Supply-side Platforms Demand-side Platforms Match20ne smaato Publistive **DATASEAT Enhanced Open Exchange Addressability** Self-serve data sales Private Marketplaces (PMPs) **Managed Services**

Our Data Assets Set Us Apart





R & D Focus Areas

Privacy Enhancing Tech | Edge Computing | Al led Optimizations





Intelligent Classification

Moments.Al analyses content in the same way the human brain does, picking up on the subtle changes, emotions and sentiment.

We use AI to identify consumers without identifiers, Cookies, IDs or PII. For programmatic advertising we source, process and measure on an individual bid level.

Unparallel Reach & Speed

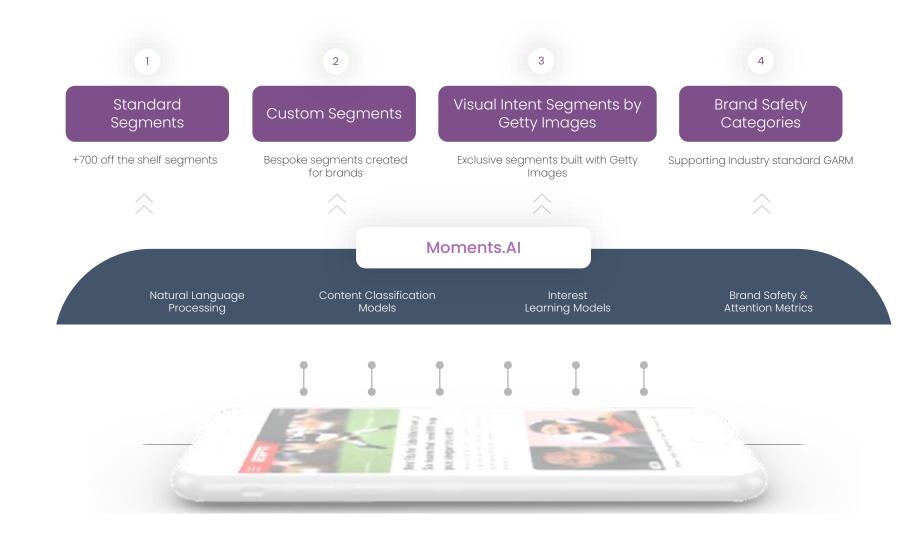
We analyse and activate data from thousands of premium publishers globally. These activated data segments are available in +150 DSPs.

We analyse traffic in milliseconds with classify +1,000 new pages every second globally.

Hundreds of Segments



+700 various segments for all types of business verticals





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300,000+

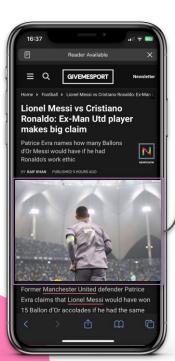
Ronaldo Images in our library

2,000+

Premium Publishers Globally

6,000,000,000+

Monthly Related Views



Real-time Image Metadata exclusively from Getty Images:

Cristiano Ronaldo, Soccer Player, Rear View, Al Nassr FC - Saudi Arabia, Arts Culture and Entertainment, Club Football, Football - Sport, Gulf Countries, Incidental People, King Fahd International Stadium, Match - Sport, One Person, People, Riyadh, Saudi Arabia. Sport

- + Sentiment
- + Confidence
- + Brand Safety
- + Full-path URL
- + Time stamp
- + Semantic & textbased content analysis



Moments Al™ offers real-time content activation in under 10 ms

With Visual Intent, we position your brand next to relevant content in the moment of peak audience interest, fueling higher purchase intent & better brand recall





Contextual insights

Content related insights enable reach and trend analysis

Every second we perform more than a million analysis on:

- What the world reads
- What trends are emerging
- What is world's sentiment And more.

This helps a marketer to

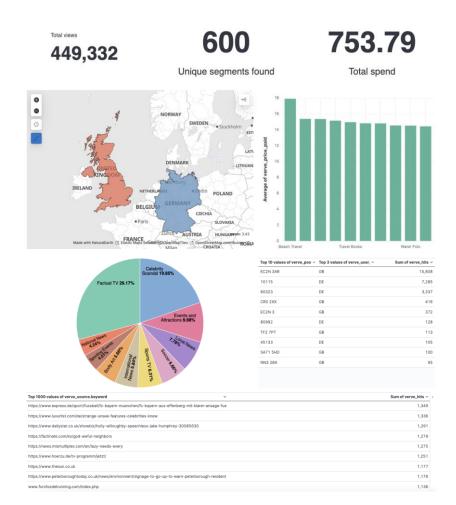
- Plan the potential reach of any type of content in a country, even on postal code level.
- Spot trending content to activate.



CONTEXTUAL MEASUREMENT



Instant, unique benefits that drive multiple use cases



Use cases for real time content data analysis:

Convert ID-based audiences into contextual segments

What kinds of content are "frequent travelers" reading? What about those who are in-market to buy a car?

Validate the accuracy of contextual providers

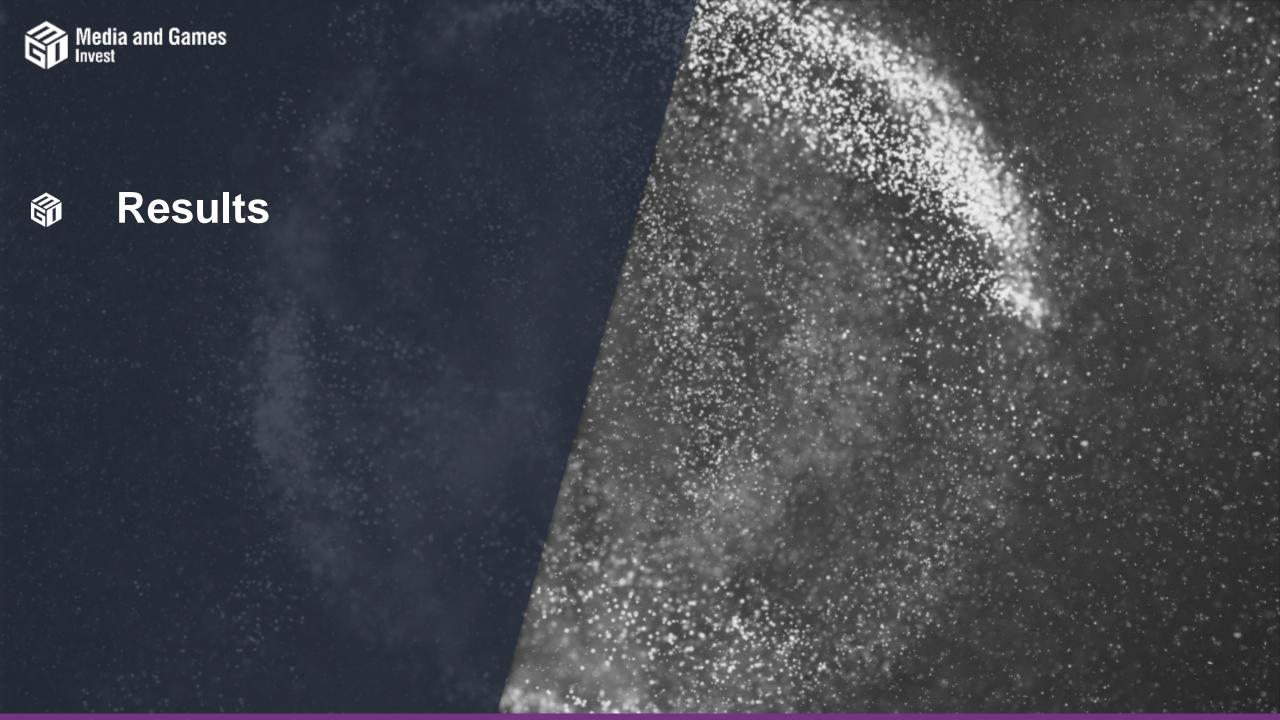
Ensure you are getting the accuracy and value of the targeting you should expect.

Brand safety verification

Can global brand safety leaders block harmful content? We reveal the URLs they cannot block!

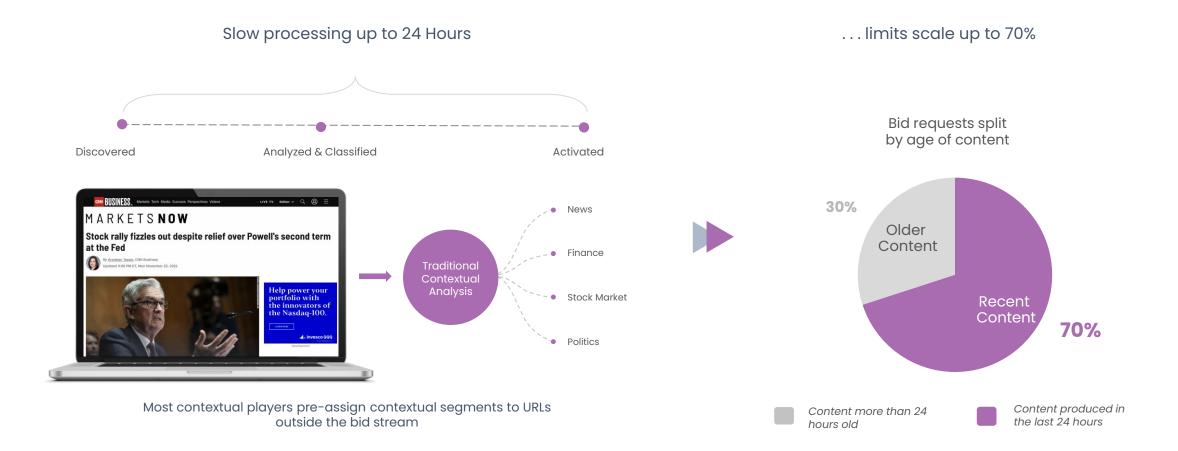
Sentiment analysis

Does good sentiment increase CTR%? Does negative sentiment impact CPM price?



Traditional Contextual Solutions Miss Out on 70% of Audience Attention





Research Validates Verve Group's Contextual Ads Outperform Industry Leaders

Moments.Al achieves an impressive 96% delivery rate on URLs published the same day and leads in accuracy

BACKGROUND

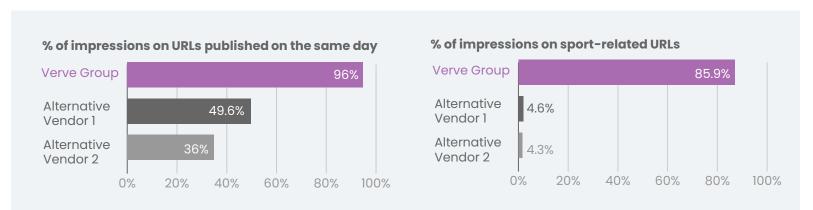
Verve Group's Moments.AI™ is a contextual ad technology for marketers focus on real-time delivery to fresh URLs and content accuracy.

TPA Labs is a 3rd party research group that focus on testing technologies and measure the impact for brands and their agencies.

THE STUDY

To verify Verve Group's Moments.AI™ ability to target new content contextually, TPA Digital ran an independent test **against two well-known providers.** For the test, they ran a 24-hour campaigns targeting new sport-related content in the UK and Germany at peak day of consumption. The results were staggering.

RESULT





Geo: Channel: Format: UK & Germany Web Display

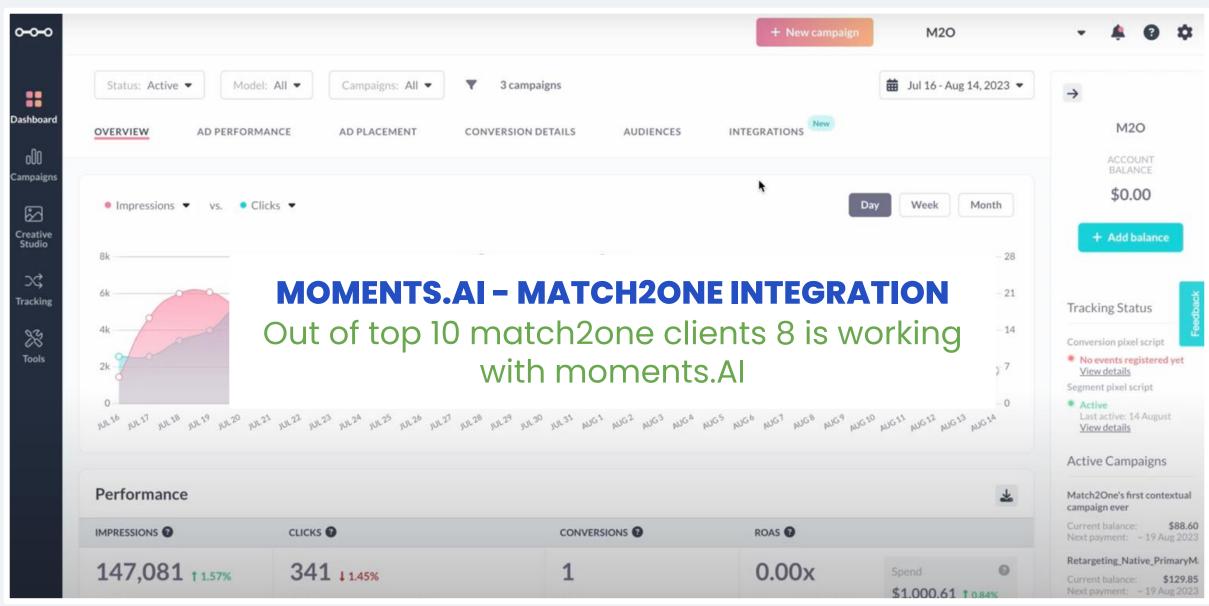
KEY HIGHLIGHTS

96% of URLs published the same day

85%+ of impressions on targeted content

more effective in targeting new, contextually-relevant media than leading alternatives













Moments.Al™

Brief:

Establish that we can deliver new subscriptions in *Norway* with Contextual Targeting.



Methodology > viaplay GROUP







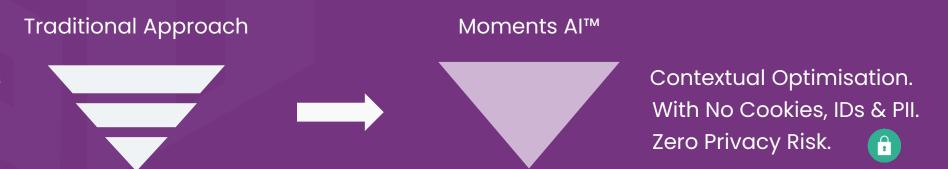
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Moments Al™

- 1. Target new content, with Brand Safety, as soon as it's published.
- 2. Identify Consumer Interest and Intent, in real-time.
- 3. Maximise performance from most engaged factors.

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- 3rd Party Cookies
- Audiences
- Retargeting





Results





Moments.Al™





8.32X Return on advertising spend

Future proofing customer acquisition with contextual.



Our Data = Massive Scale



We bring together first- and third-party data sources for unmatched data scale

VERVE AD EXCHANGE

Among Top 5 Mobile Ad Exchanges Globally

20,000+ PUBLISHERS
2B+ USERS



80% COVERAGE ON TOP PUBLISHERS/APPS*

*JOUNCE 2023 REPORT



VERVE O&O DATA

Among Leading Publishers Globally

5000+ OWN INVENTORY
200M+ USERS



Our Data is Enriched



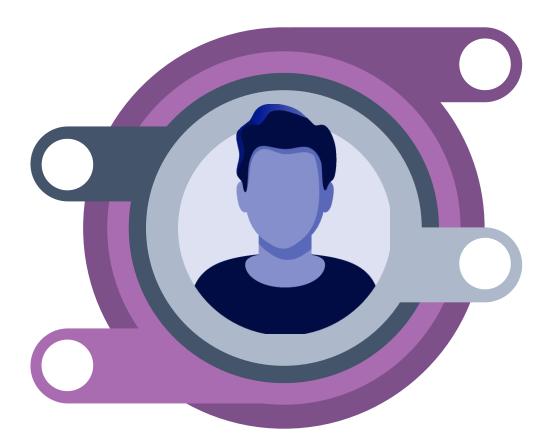
We layer anonymous and consented data to enrich and complement our first-party data

On-device Data

Anonymous on-device cohorts, event-based, time-based, ...

ID-Based Data

IDFA, GAID, IPs, alternative IDs, ...



Contextual Data

Global internet traffic classification...

Census Data

Demographic, economic and population data, income levels, ...

Our Data Unveils Affinities



Our data reveals a myriad of relevant interests adjacent to known target groups

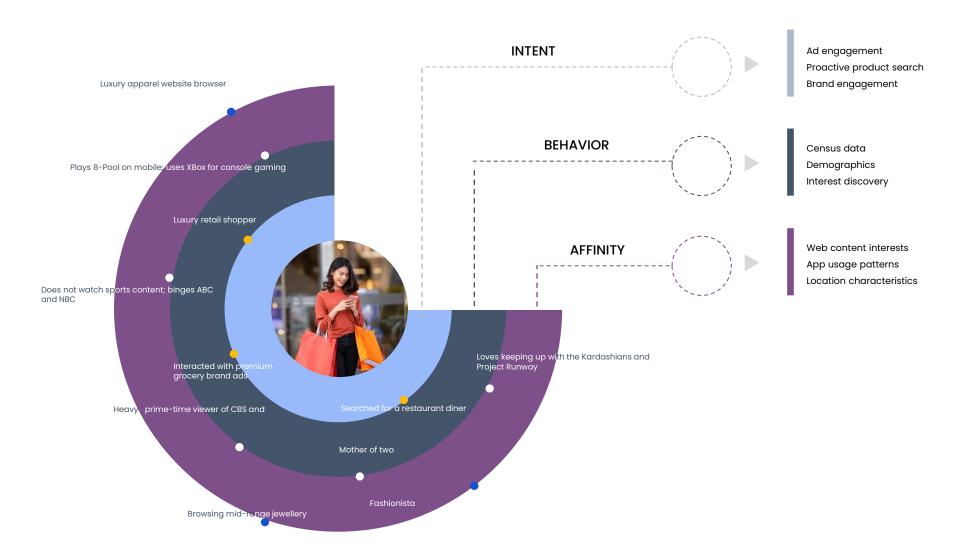


Eg. Female 25-34, NYC-based, mid-core gamer mapped to other behavioral segments

Our Data Identifies Ideal Moments



We deliver your message in moments of peak intent to engage consumers



OUR DATA PRODUCTS

From multi-faceted supply and demand,



ENA 🖔

our data fuels advertising efficiency

Moments.Al

Real-time, contextual segments on a page or app level

ATOM

Anonymous, mobile on-device cohorts

Behavioral Audiences

ID-based audiences, focusing on explicit interests

Insights

Reach analysis, content affinity and behavior discovery

Use Cases

Curated Packages

Exclusive and brand-safe private marketplace packages

Managed Service In-house expert-led campaign management

DSP Enrichments Added value to bid requests

Data products are free of charge within the Verve ecosystem



Omnichannel Reach

Mobile | Desktop | CTV | DOOH



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OUTLOOK & CLOSING REMARKS



IN-APP





CTV



DATA & AI



COST



GROWTH

- Leading US & EU positions built within 4 years
- Focus on further increasing market share
- Next key focus area. Building on In-App and Data strengths
- > Investing in features and sales
- Leading mix; contextual + 1st party + behavioral
- Well prepared for ID-less world
- Flexible cost structure
- Ability to adapt cost to protect profitability
- Resilient in weak macro environment
- Outlook; increasing CPM's & return to 2-digit organic growth



Thank You.