OZEOTAP

Identity Resolution in a Cookieless Future



Leo Scullin VP of Industry Programs MMA

> Projjol Banerjea Founder & CPO ZEOTAP

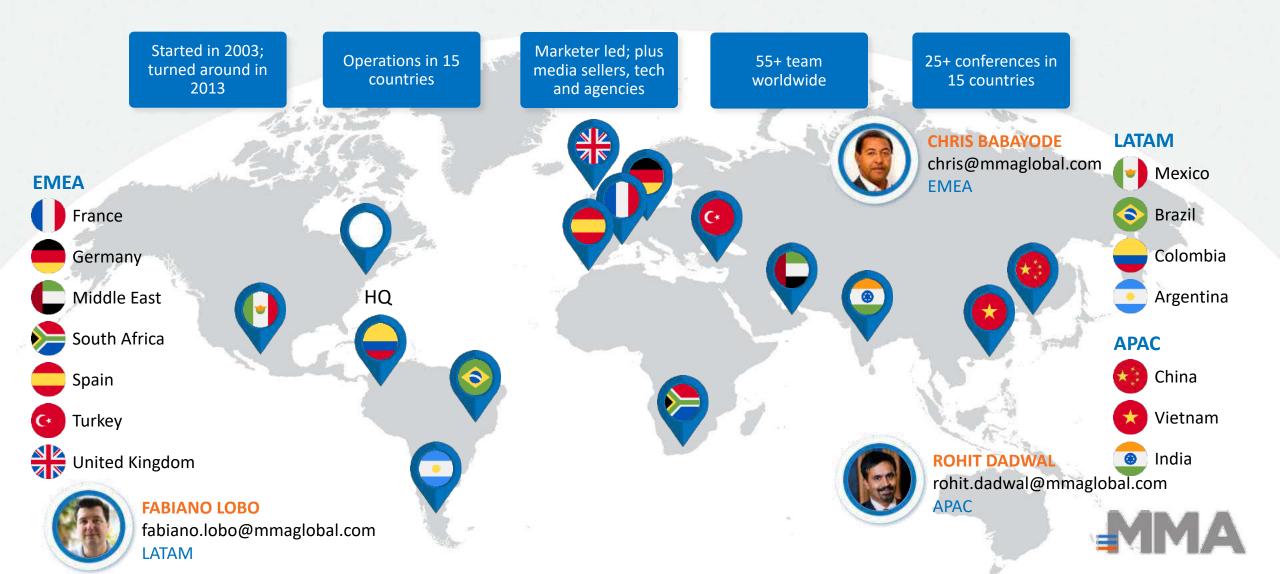
Olivier Maugain Analytics & Digital Technology Director Henkel







MMA is the Global Industry Association for Marketing



Who & What is the MMA All About



The People We Serve

Primary Audience

Pioneering Chief Marketers





Our Strategic Priorities

Measurement & Business Impact

Drive marketing effectiveness and the future of measurement for sustainable business growth

Marketer Org Development

Redefine marketing organization dynamics and future capabilities needed in a data

Inspiration

Lead marketing innovation and creative effectiveness/impact for mobile and emerging technologies

Advocacy

Establish standards and self-regulatory guidelines to improve consumer trust and confidence in marketing and connected devices



Our Reason for Being

Purpose

To enable marketers to drive innovation and enduring business value in an increasingly dynamic and connected-connected world.



MMA IS 800+ MEMBERS STRONG GLOBALLY

MARKETERS, AGENCIES, MEDIA SELLERS, TECHNOLOGY & OPERATORS

Y	L	in	facebook.	ebay ⁻	NBCUniversal	Google	sınch	sales/orce DMP
Adobe	The Weather Company	Spotify	Marriott	dunkin'	verizon verizo	PANDORA		CocarCola
EY	Place	Uber	♦ CVS Health.	(d) Hilton		Calvin Klein		FOURSQUARE
ESFA	SUB MAR	m	waze	The Walt Disnep Company	Hastro	Ford		UM
E <mark>*</mark> TRADE	S A M S U N G	Lilly	Teads	Urilever	Kelloggis [.]	vibes	PeG	Nutrisystem [®]
Bank of America 🧇	O _{JPMorganChase}	Walmart :	TARGET	GM	TikTok	gsk	hims	Campbells
(ZA)	EPSILON	IBM Watson Advertising	MillerCoors	neustar	AppsFlyer	Colgate [®]	ally	NIKE
	cuebiq		APP ANNIE	flowers.com	CHOBANI	КОСНАVA		VISA

MMA Programs Transform Marketers Understanding of Marketing

The following are the core programs of the MMA

MMA Key Programs		Programs	Description				
ink s	1	Marketer Organization Think Tank (MOSTT)	 Community of CMO & academics rethinking the modern marketing org; focused or measuring marketing org to financial performance. Soon to be featured in HBR 				
Key Think Tanks	2	Marketing Attribution Think Tank (MATT)	 Community of marketing & analytics leaders committed to measurable impact & accountability by advancing people-based approaches in media measurement. 				
Ke	3	Data in Marketing Think Tank (DATT)	 Focused on supporting marketers in their ingesting, applying and success with data in marketing. Eventually, group is to be regulatory voice of CMOs on Data. In development 				
	4	Brand as Performance (BaP) *	 Industry consortium to first time ever measure the impact of Brand, a core element of marketing success. Will likely to produce a new growth framework for brands. (\$850k) 				
Funded Research	5	First-Second Strategy (Cognition 2 study)	 Groundbreaking new Cognition Neuroscience Research project set out to understand how consumers process information. Cog 2 will look at time's effect on impact. 				
Fun Rese	6	SMOX (Modern Marketing Mix)	 Series of 14 studies that examine mobile's role in a multi-channel (TV to mobile) world, with empirical evidence on dynamics of the modern marketing mix. 				
7	7	Location Privacy Alliance (LPA) *	 Focused on development of a Hippocratic Oath for the application of location data to marketing. Second phase is developing regulatory education materials 				
	8	Mobile Fraud Tool & Council *	 Member council created better help our members stay ahead of Mobile marketing fraud by assessing, evaluating, and combatting Fraud. Fraud assessment tool coming. 				
nber ils	9	Brand Safety Council (SAVE)	 Marketer-led council created to ensure safeguards for brands in all marketing environments, to protect the brand's reputation and marketing investment. 				
y Member Councils	10	RCS/SMS/OTT Messaging	 Member Committee focused on the roll-out of RCS across the US, and preparing an "RCS Center of Excellence" that issues regular guidance on this new function. 				
Key C	11	MMA Events	 35+ event across 16 countries globally, from 350 to 2,000 attendees. 				
	12) MMA Smarties * Obligations to sponsors	 Awards Program that offers marketers multiple opportunities to showcase their best work in modern marketing around the world. Includes a business impact index 6 				

MMA COVID-19 Marketer Support Hub #WeAreInItTogether

The most comprehensive central resource for information on the coronavirus pandemic as well as guidance for brands on how to navigate marketing during the worldwide crisis. Information is constantly being curated and loaded in real time, the hub is searchable by the different regions the MMA serves (North America, APAC, EMEA and LATAM) and includes:

1	An aggregation of critical information on Covid-19's impact around the world
2	Tools and tips for managing teams remotely, crisis guidance as well as programs to support small businesses
3	Marketing and advertising best practices and current consumer trends to help brand members make more informed decisions
4	Some light moments with staff picks on the humorous videos and memes circulating

We'd love to include your content.

If you are an MMA Member with Resources / Programs / Research that is focused on helping brand marketers, we'd love to include your information in the hub,







IMPACT VIRTUAL THE FUTURE OF MODERN MARKETING MAY 18-19, 2020

MMA IMPACT 2020: Building Capabilities for the Modern Marketer 11:00am – 3:00pm EST

MMA IMPACT 2020 is designed to help brand marketers enhance and build their internal marketing capabilities. In fact, last year, more than half of MMA member companies in attendance registered multiple marketing team members to leverage the opportunity of this accelerated learning over two rich days of content.

PAST ATTENDEES INCLUDE

Vflowers		Anthem.	AT&T	BARCLAYS	Ô	HOLDINGS	CALVIN KLEIN	Campbells	CHOICE	cîtî
COTY	Cuisinart	⇔cvs Health	DISCOVER	Fedgewell"		卢 flatiron	GM	gsk	HARRY'S	intuit
Johmon-Johmon	lyA	Marriott	mastercard	HcAfee	MillerCoors	MONSTER	Nutrisystem	[®] PEPSICO	Pfizer	🛞 Prudential
SAMSUNG	SANOFI	SONY	Southwest	Ŧ…Mobile	ConCola	San	UNIVERSAL	UNITED ITERAT	verizon√	ु waze



Vivian Chang VP Growth, Nutranext DTC, part of The Clorox Company



Babak Farrokh-Siar Vice President, Head of National Business Development, Acorns

Ingrid Cordy Vice President, Global E-Commerce & Customer Experience, e.l.f. Cosmetics

MATTIDAT UNPLUGGED VIRTUAL JUNE 10, 2020

JUNE 9, 2020

MATT UNPLUGGED FUTURE OF ATTRIBUTION

m JUNE 9, 2020 | VIRTUAL

Register for MATT Unplugged Virtual

MATT Unplugged brings together marketers, measurement and attribution experts to discuss the how the latest measurement methodologies need to align more closely to marketer objectives as well as explore the challenges and obstacles marketers face around Multi-Touch Attribution.



Tina Tonielli Americas Lead, Consumer and **Business Insights and** Analytics, GSK



Senior Director,

Global Digital

Marketing, Ancestry

Marc Vermut Vice President, Marketing Solutions, Neustar

NEW! UNPLUGGED

DATA IN MARKETING THINK TANK

JUNE 10, 2020 | VIRTUAL **Register for DATT Unplugged Virtual**

In the age of 1st party, 3rd party, and more recently 2nd party data, complexity proliferates of how marketers use data effectively. Not to mention, with constant developments in nearly every aspect of the ecosystem, from regulatory activities to OS systems to browsers/cookie usage, combined with many marketer moves to data-driven businesses like DTC and we have a recipe for chaos. DATT Unplugged will bring together privacy experts, brand marketers and data junkies to unravel this complicated quagmire.



MMA Unplugged Virtual Events offer marketers a deep dive into some of their most pressing challenges

and opportunities. Topics are often aligned closely to

industry-wide initiatives being led collaboratively by

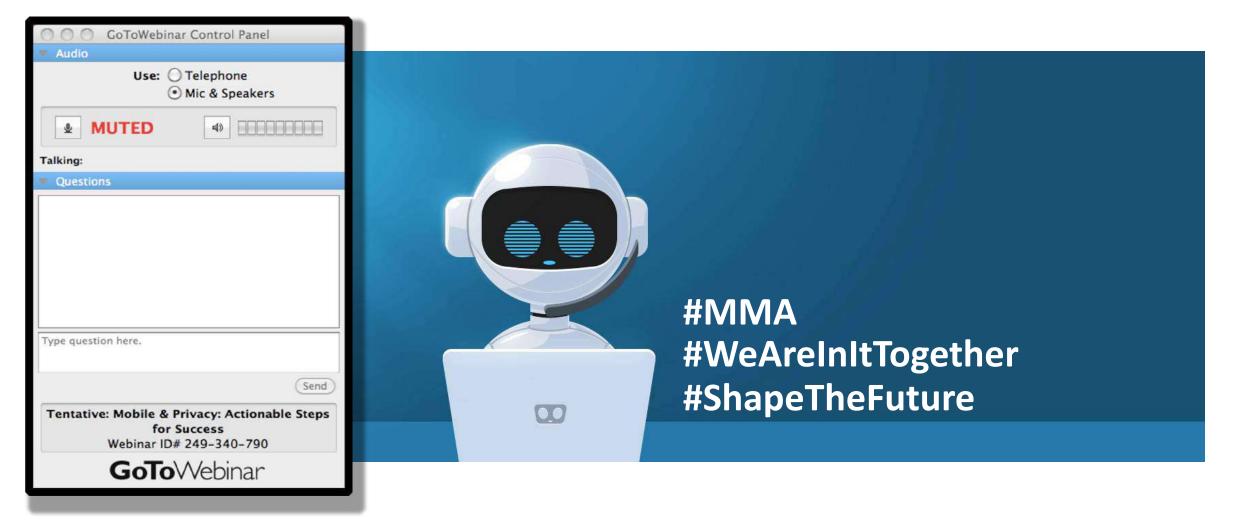
the MMA and our marketer members.

Sarah Din Director of Product Marketing, Survey Monkey



Ian Mundorff **Global Head Of** Media, HP

Asking Questions, Sharing Insights







MAY 6TH, 2PM EST

IDENTITY RESOLUTION IN A COOKIELESS FUTURE



OLIVIER MAUGAIN ANALYTICS & DIGITAL TECHNOLOGY DIRECTOR (@HENKEL



PROJJOL BANERJEA FOUNDER & CPO @ZEOTAP

IDENTITY RESOLUTION IN A COOKIELESS FUTURE



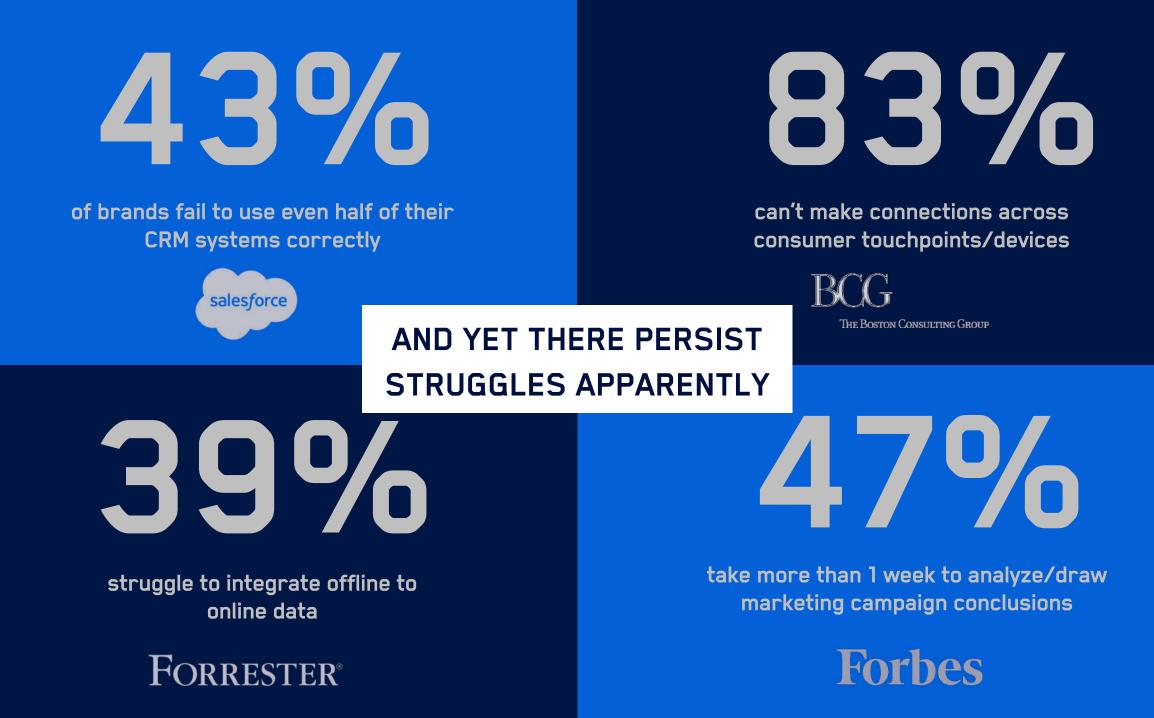




MARKETERS' GOALS HAVEN'T CHANGED

TO UNDERSTAND CUSTOMERS





REAL CUSTOMER UNDERSTANDING IS FOUNDATIONAL TO DRIVING BETTER VALUE ACROSS THE BOARD

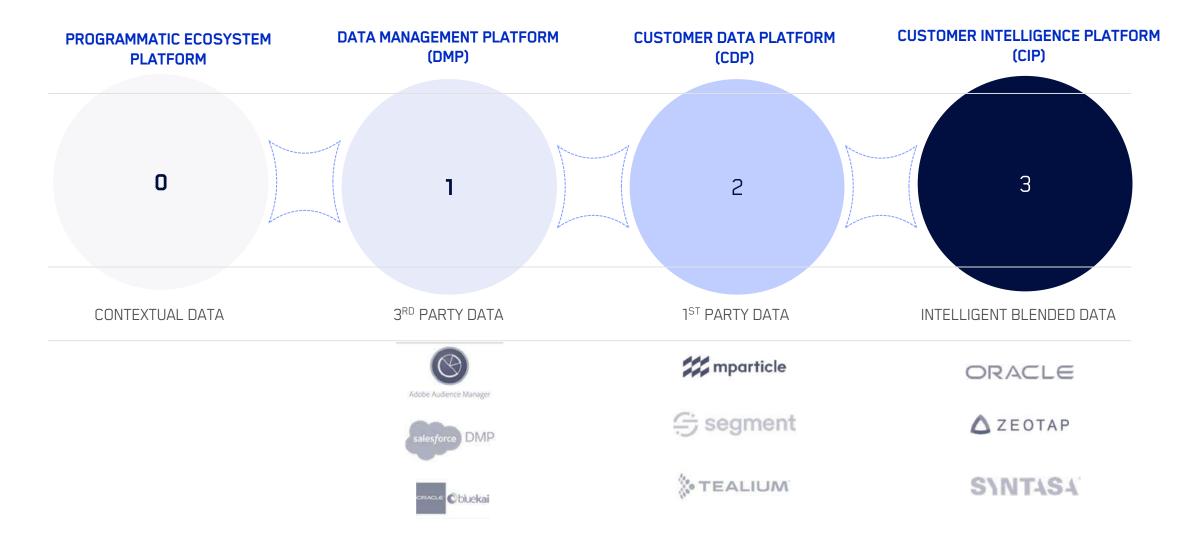
DELIVERS ROI / SHAREHOLDER VALUE

DRIVES CUSTOMER EXPERIENCE

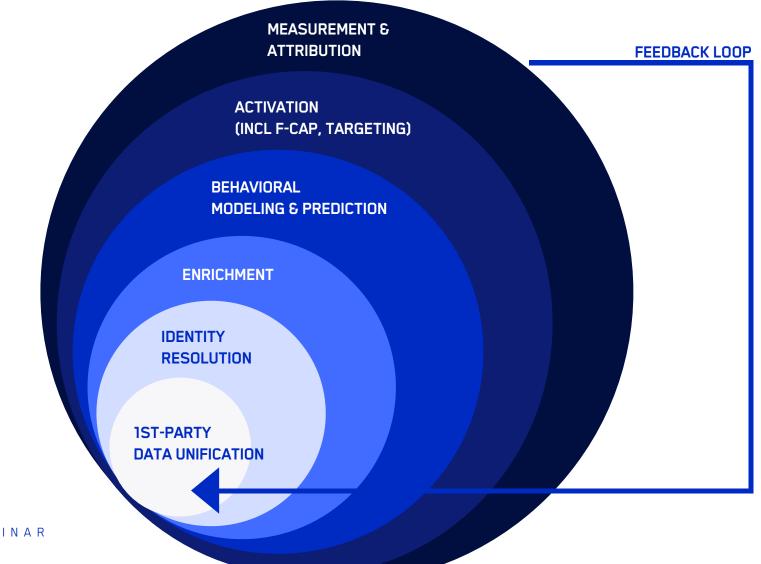
ENABLES CUSTOMER BEHAVIOR PREDICTION

STRONG CUSTOMER UNDERSTANDING / INTELLIGENCE

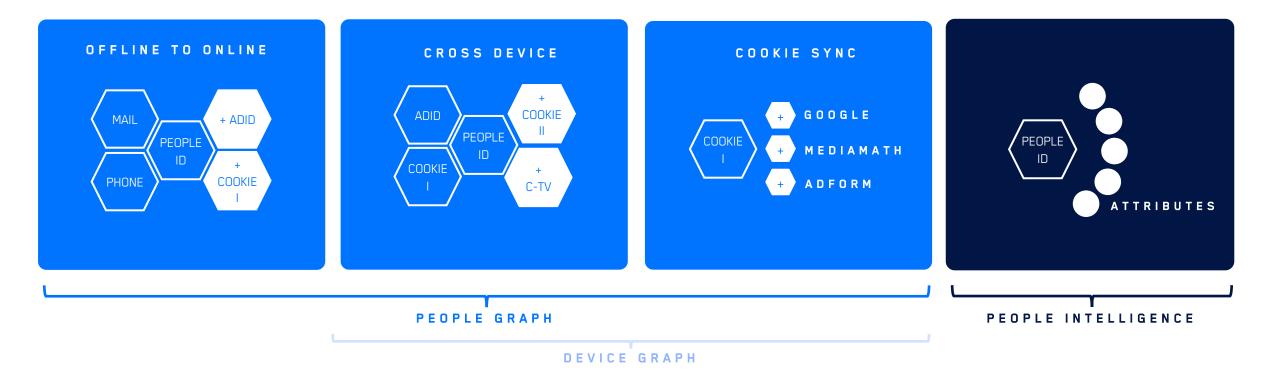
MARKETING DATA EVOLUTION APPROACHES A 360° CUSTOMER UNDERSTANDING



HOW TO DRIVE CUSTOMER UNDERSTANDING?



IDENTITY RESOLUTION CAN MEAN DIFFERENT THINGS





WEBINAR



STATUS OF IDENTITY RESOLUTION BY CHANNEL

Web Browser	 3P cookies available only on the Chrome browser (60% coverage) - removed by 2022 Login-based 1P data available - omnichannel challenge since the data turns into 3P when used on other sites 			
In-App	 IDFA/Android IDs are persistent - removed in the future? IDs do not persist when switching between app and web 			
 Connected TV IDs are fragmented across apps, devices and media companies IDs are synthetic (80%) and intentionally obfuscated for business reasons sometim Data from CTV ads cannot easily be matched to viewership data from set-top box linear TV purchases 				
Digital Out of Home • Accurate individualized user identification is difficult as exposure is nature of passers-by based on their location.				
Podcast Ads	 IDs are not shared outside of distribution companies (Spotify, Apple). Advertisers and media companies have little visibility except for gross listenership 			

IDENTIFICATION TECHNIQUES OVERVIEW

	PROS	CONS
3P Cookies	 Existing industry optimized for this ID Opt-out available 	 Going away Identifies a device, not a person
Mobile Identifiers	 Persistent over time and across apps Works for in-app measurement Some degree of user control 	 May be removed by Apple/Google Identifies a device, not a person Opt-out difficult for most users
1P Cookies / Log ins	 Persistent and not blocked Easy to gate with privacy notices Can be linked by a publisher to their login profiles 	 Hard to use across sites (attribution, reach, frequency)
Universal IDs / Shared Identity Consortia	 The same ID used by many ecosystem vendors, reduces the need for syncing 	 Still a third-party ID so doesn't solve fundamental problems listed above "Walled Gardens" won't participate, so limited scale

IDENTIFICATION TECHNIQUES OVERVIEW

	PROS	CONS
Universal ID / Shared Login Consortia	 Same login used by many publisher sites, allows those sites to share IDs and store in 1P cookies 	 Limited scale and dependent on # of pub sites that are onboard Still need to sync to an advertiser's ID space to measure conversions and attribution
Probabilistic Graphs	 Estimated view of people across devices 	 Often dependent on 1P/3P cookies for activation - drawbacks discussed above Not reliable for detailed attribution (probabilistic)
Deterministic Graphs	 Accurate estimated view of people across devices Can be used to correlate media and advertising across sites, given opt-in from consumers 	 Often dependent on 1P/3P cookies for activation Reach limited given quality of data
IP Addresses	 Persistent identifier across devices, including CTV Represents a household or business 	 Doesn't identify individuals "Blind spots" when users leave their homes Hard for consumers to opt-out Full IP not always present on bid requests

3RD PARTY COOKIES HAVE ALWAYS PRESENTED A CHALLENGE, AND WILL DISAPPEAR IN 2022



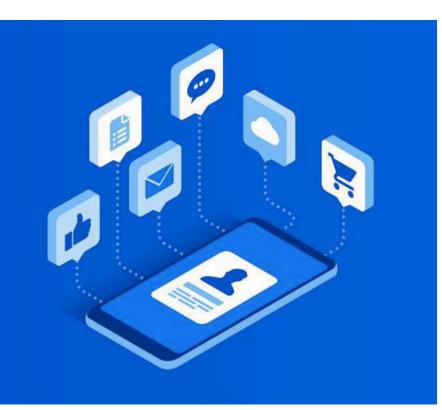
The Cookie's Fortune



HOW WILL IDENTITY CHANGE WITHOUT COOKIES?



THE RISE OF UNIVERSAL IDS



UNIVERSAL IDS

"An opportunity for the ecosystem to collaboratively solve an industry challenge by building a unique ID that can be traded across the ecosystem without the need for additional syncing"

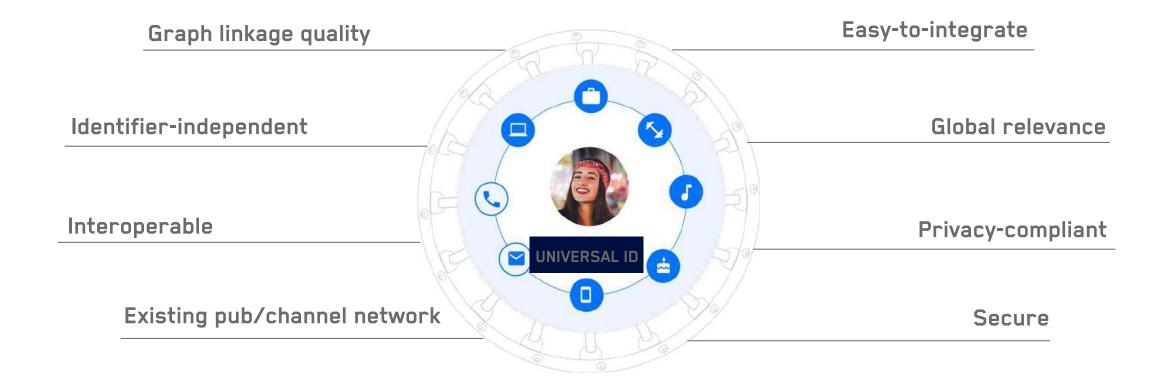
CURRENT UNIVERSAL ID LANDSCAPE



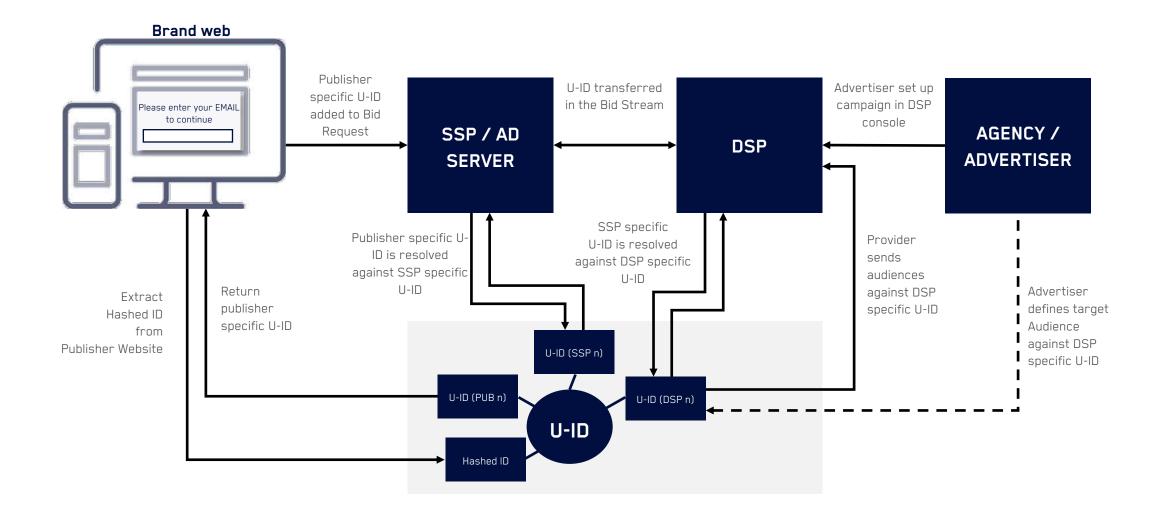
IDENTITY RESOLUTION STRATEGIES MOVING FORWARD FOR BRANDS

	OPERATE WITHIN WALLED GARDENS	1 ST PARTY DATA-BASED APPROACH	"UNIFIED" ID-BASED APPROACH
Example	fG	▲ ZEOTAP ∠LVeRamp	Unified ID Solution © theTradeDesk
Pros	DeterministicAccurate	 High accuracy (depends on provider) Control 	More efficientGreater scale
Cons	RestrictedNo control	 Limited scale Needs greater adoption as a currency 	• (Mostly) cookie-based

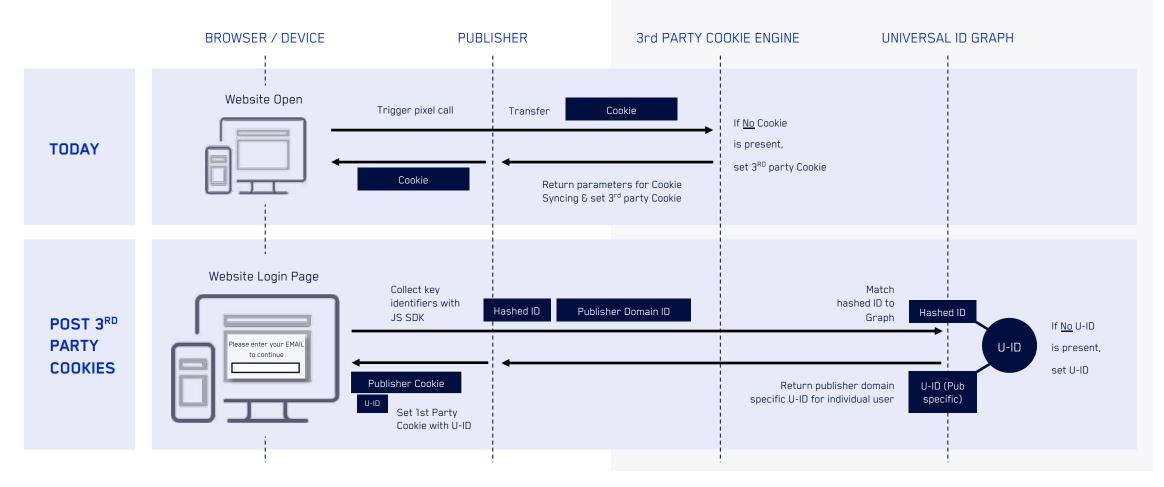
KEY COMPONENTS OF ANY UNIVERSAL ID SOLUTION



HOW DO UNIVERSAL IDS TRADE ACROSS THE PROGRAMMATIC ECOSYSTEM?



HOW IS UNIVERSAL ID TECHNICAL IMPLEMENTATION DIFFERENT FROM 3RD PARTY COOKIES?



UNIVERSAL IDS ADDRESS PRIVACY CONCERNS IN THE ECOSYSTEM



Today with 3P cookies:

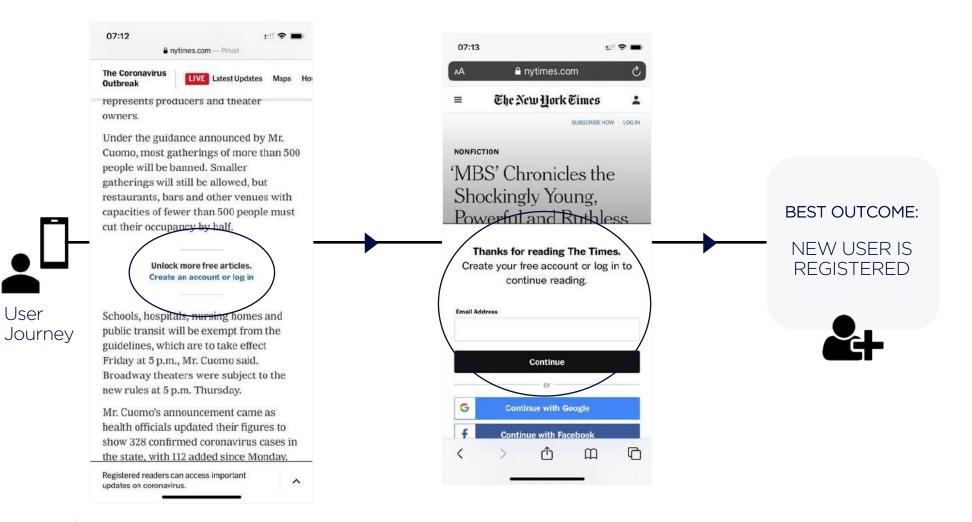
- 3rd party cookie is interchangeable once correctly synced
- User has different opt-out touchpoints for downstream activities



Tomorrow with Universal IDs:

- User consents to the publisher (full control)
- Central opt-out channel
- Full integration with CMPs
- Tokenized U-ID+ cannot be "traded"

CONSENT HAS BECOME MORE IMPORTANT THAN EVER



ADVICE: 3 GUIDING PRINCIPLES FOR IDENTITY RESOLUTION

OUALITY

- Linking of different signals not always conducted with the rigor that leads to quality identity resolution and, consequently, effective action
- Brands want to make sure that any decisions they make are based on data points that are reliable

TRANSPARENCY

- Provenance of the data is important
 - Data collection should be **compliant** with regulation
- Deterministic vs probabilistic
- Downstream activity should have:
 - Consent traceability
 - Transparency on the nature of data manipulation and utilization

FLEXIBILITY

- Meet client needs (especially those in more heavily scrutinized sectors) e.g. hybrid or on-premise
- In light of a changing regulatory landscape, adaptability in solutioning and deployment is imperative



WEBINAR



40% of brands said that better **identity**

recognition capabilities would do the most to

advance their organization's **omnichannel**

marketing efforts







OLIVIER MAUGAIN ANALYTICS & DIGITAL TECHNOLOGY DIRECTOR

HENKEL asks 🛆 ZEOTAP



PROJJOL BANERJEA

QEA with



OLIVIER MAUGAIN ANALYTICS & DIGITAL TECHNOLOGY DIRECTOR @HENKEL



PROJJOL BANERJEA FOUNDER & CPO @ZEOTAP

MA WEBINAR SERIES

Presented by IBM Watson: How AI can help generate insights to drive results Tomorrow, May 7 | 2:00pm – 3:00pm EST

Presented by iconectiv: Numbers Matter: Building brand and keeping customer trust in omni-channel Tuesday, May 12 | 2:00pm – 3:00pm EST

Presented by Infobip: Will RCS Steal The Spotlight From Messaging **Brands? What the Next Generation of Texting Means For Brands.** Wednesday, May 13 | 2:00pm – 3:00pm EST

Presented by MATT: The Journey to Achieve MTA Success: How to Initiate an MTA Process Thursday, May 28 | 2:00pm – 3:00pm EST



JAMIE MOLNAR Product Marketing AI & **Emerging Tech IBM** Watson Advertising



MIKE GILBERT Senior Account Director, iconectiv

BRIEN JONES-LANTZY Head of Carrier **Relations for** North America, Infobip



MMA MTA Expert & President Rubinson, Partners, Inc

Check out full list of all available webinars here.





