



People Core Service: Who, What, When, Where, Why and How?

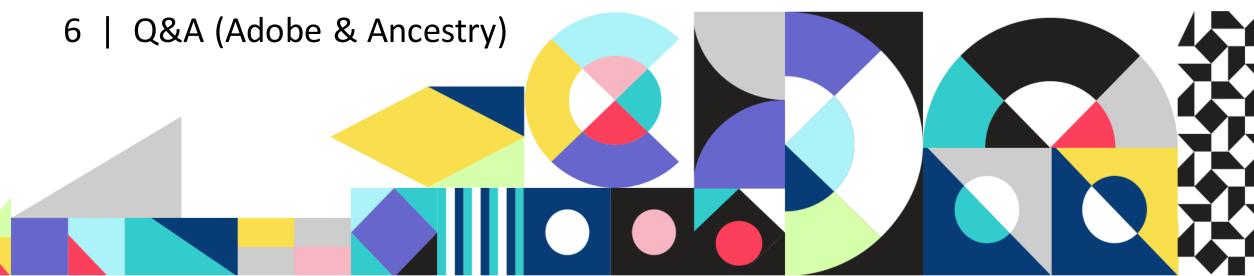
Chris Jensen | Adobe Russ Painter | Ancestry



# adobe.com/go/summit2018-s902



- 1 | Welcome & Agenda
- 2 | Overview of People Core Services
- 3 | Who is Ancestry?
- 4 | Implementation
- 5 | Technical Information



# Adobe Cloud Platform & Experience Cloud





Campaign Experience Manager







Pri me ti me



People









Places Assets Mobile Activation

#### Launch

#### Adobe I/O

Adobe Sensei

**Experience Data Models** 

Content

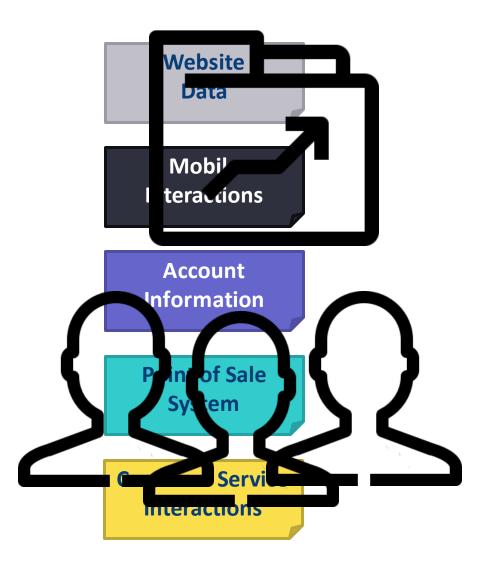
Data

Cloud infrastructure

People Core Service

# Know your Audience

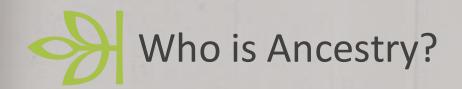
# People Core Services



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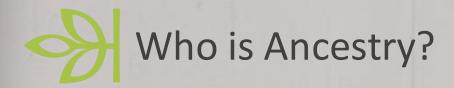
# Adobe Experience Cloud



Helping people discover their story is at the heart of ours.

We're a science and technology company with a very human mission





Leader in Family History and DNA

2.7 Million Subscribers

7 Million DNA customers

16 Million app downloads

20 Billion family history records

75 Million searches a day

80 Countries of origin

100 Millions family trees

Billions of connections





# Ancestry: Business Objectives

## Family History



#### **Consumer DNA**



# **Ancestry: Optimization Team**



Director
Onsite Optimization



**Behavioral Tracking** 



Optimization Strategy



Optimization Execution







# Overview: Customer Attributes, Shared Audiences & Analytics for Target

Website Data

Mobile Interactions

Account Information

Point of Sale System

Customer Service Interactions

Acct info

POS info

**CRM** info



#### **ANALYTICS**



Evars
Props
Events
Customer Attributes
Audiences/Segments

#### **TARGET**



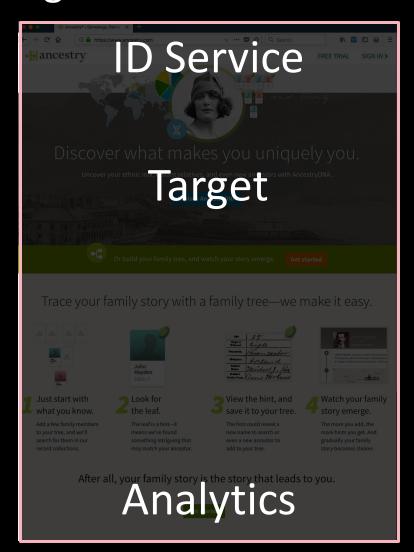
Target Data

Customer Attributes

Shared Audiences

Analytics Reporting

# Implementation: ID Service, Shared Audiences and Analytics for Target





#### **ID Service:**

MCGVID/mid = 23457565-983987345 MCSDID/sdid = 9988776655443



MCGVID = 23457565-983987345**MCSDID** = 9988776655443



#### **Analytics:**

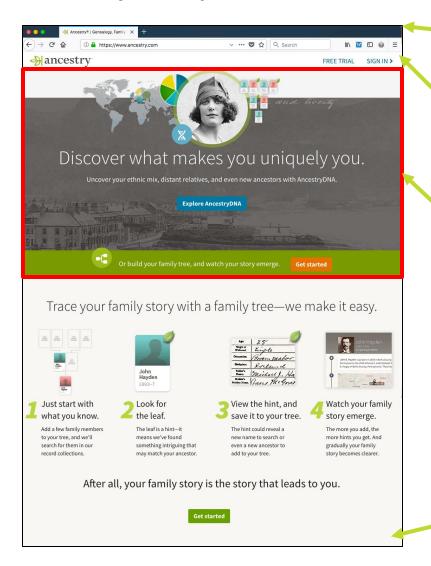
aid = 567890123-567890123

mid = 23457565-983987345

**sdid** = 9988776655443



# Ancestry: Implementation





visitorAPI.js



at.js



regional mboxes







# **Ancestry: Audience Challenges**

#### **Decentralized Audience Creation**







Analysts





winback



Adobe

Display

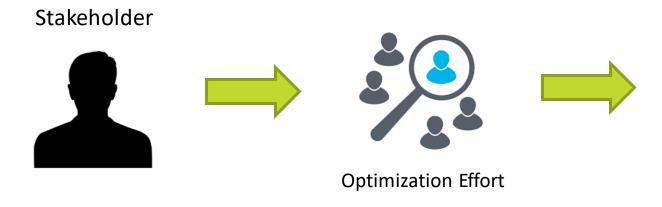




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# Ancestry: Audience Challenges

## Adobe Target Audiences or Custom Profile Scripts



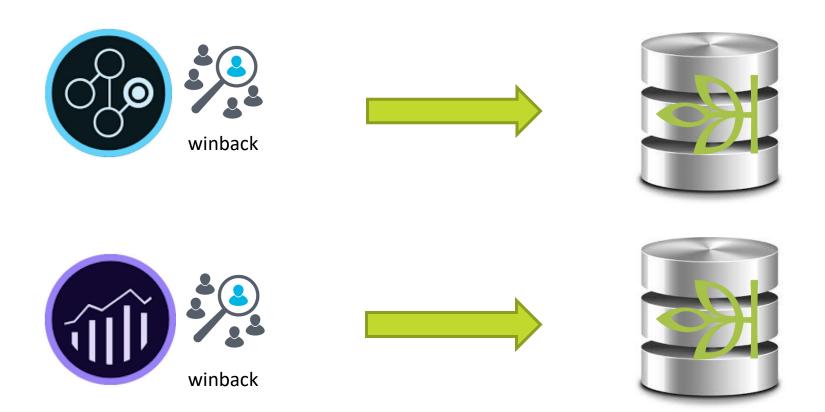


#### Script

```
var frequency = user.get('denyFrequency') || 0;
var mboxName = mbox.name;
if (mboxName.indexOf('Deny') != -1 && mboxName != 'newDeny') {
    return frequency + 1;
}
```

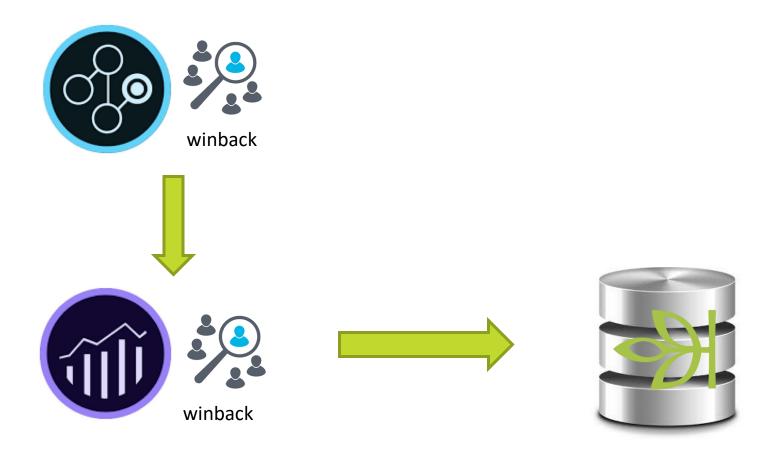
# Ancestry: Reporting Challenges

Separate Data Sources (Pre A4T)

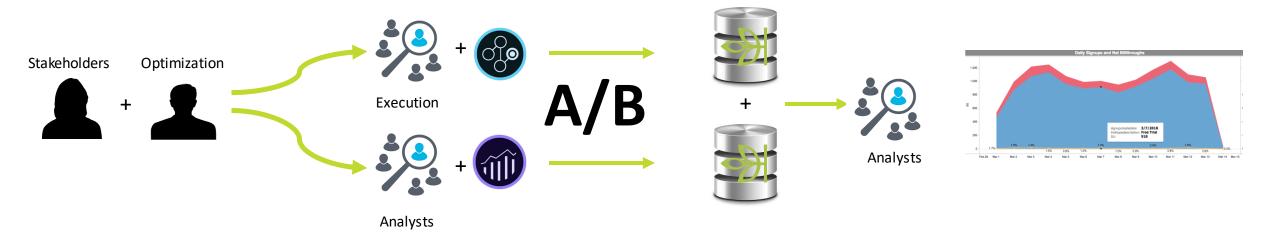


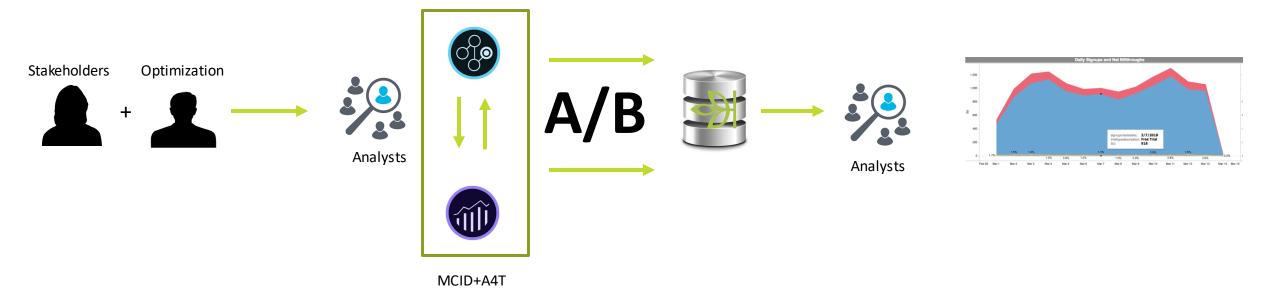
# Ancestry: Reporting Challenges

Separate Data Sources (Post A4T)



# Ancestry: Audience / Reporting - Solution

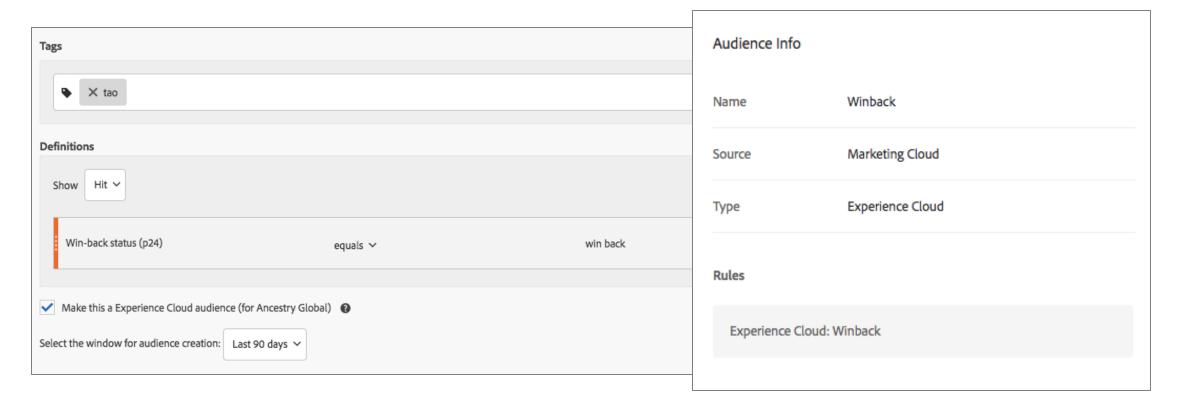




# Ancestry: Use-Case

### **Ancestry Winbacks**

**Definition:** Visitors who were previous subscribers greater than 20 days.



# **Ancestry: Shared Audiences Solution**

#### **Benefits of Using Shared Audiences**

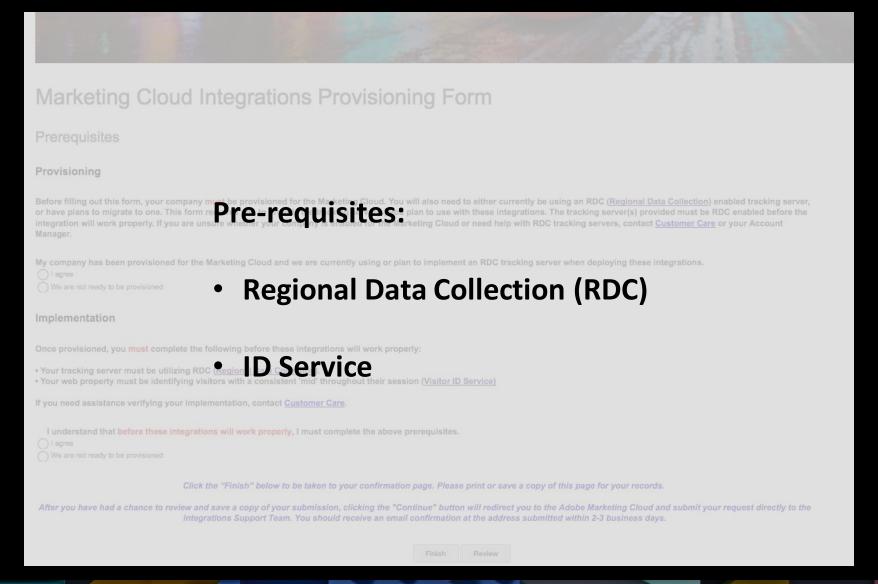
- 1. Central location for creation
- 2. One data source for both targeting and reporting
- 3. Broader teams can build robust audiences, without developer skill set
- 4. Ancestry can enforce an consistent audience definitions in one location

#### **Future Benefits and Next Steps**

- Customer Attributes
- Additional Adobe tools



# Provisioning for A4T & Shared Audiences <a href="http://www.adobe.com/go/audiences">http://www.adobe.com/go/audiences</a>



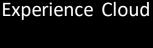
# Permissions

	Experience Cloud	Analytics	Target	Campaign	Audience Library	Customer Attributes
Analytics for Target (A4T)	X	X	X			
Shared Audiences	X	X	X	X	X	
Customer Attributes	X	X	X			X



# Data Flow: Shared Audiences

Analytics



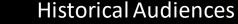
**Target** 





**Audience A** 

**Audience B** 



 Segment and corresponding ID's are passed from Analytics to the Experience Cloud, and made available in Target

• Processing Time: 24-48 hours

• Dimensions Available:

eVars

Props

Events

Customer Attributes

Historical

Audience

Segment A

**Segment B** 

Audience C

**Audience D** 

**Target Activity** 

**Audience:** 

**Audience C** 

#### Real-time Audiences

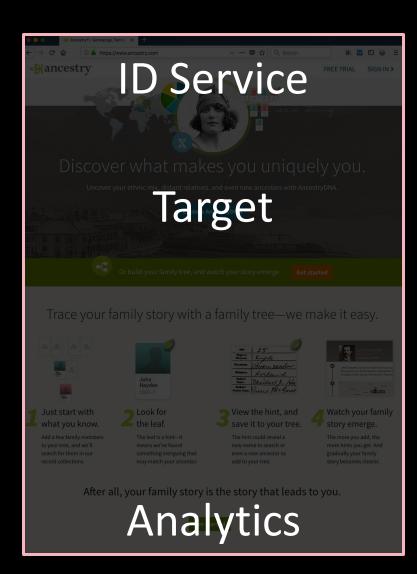
- Entry to audience is determine directly on webpage and added to segment if criteria is met
- Processing Time: Next click
- Dimensions Available:
  - eVars
  - Events
  - Other real-time audiences

Real-time Audience

# Implementation: Customer Attributes

Data Source File Upload

(http or ftp)





#### **ID Service:**

MCGVID/mid = 23457565-983987345

#### **Declare Customer ID:**

```
visitor.setCustomerIDs({
    "userid":{
        "id":"1002",
        "authState":Visitor.AuthState.AUTHENTICATED
     }
});
```



#### Target:

**mboxPCID = 123456789** 

MCGVID = 23457565-983987345

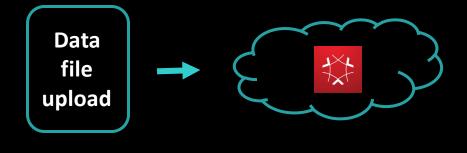


#### **Analytics:**

aid = 567890123-567890123

mid = 23457565-983987345

# Data Flow: Customer Attributes



- .csv, .csv.zip
- File size max: 4GB

 Total space allowed per FTP account: 40GB



- Field lengths max 255
- Number of Attributes:
  - Standard: 3
  - Premium: 200 per report suite
- Up to 12 hours to ingest data



- Number of Attributes:
  - Standard: 5
  - Premium: 200
- Up to 24 hours to ingest data

# FAQ / Common issues

## Implementation

- ID Service
- Load order on web page
- Library Versions
- Other technologies on page
- Enablement
  - Interpretation of data
  - Data flow
  - Availability of data

	Experience Cloud	ID Service	Analytics	Target	Audience Manager	Campaign
Reporting/ A4T	Χ	X	X	Х		
Shared Audiences	X	X	X	X	Χ	X
Customer Attributes	X	X	Χ	X		
Device Co-op	Χ	Χ			Χ	

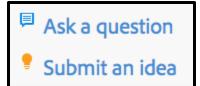
## Resources



Status.Adobe.com



Forums.Adobe.com





HelpX.Adobe.com



@AdobeExpCare

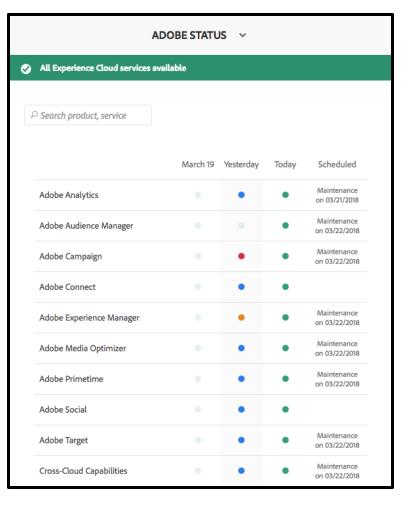


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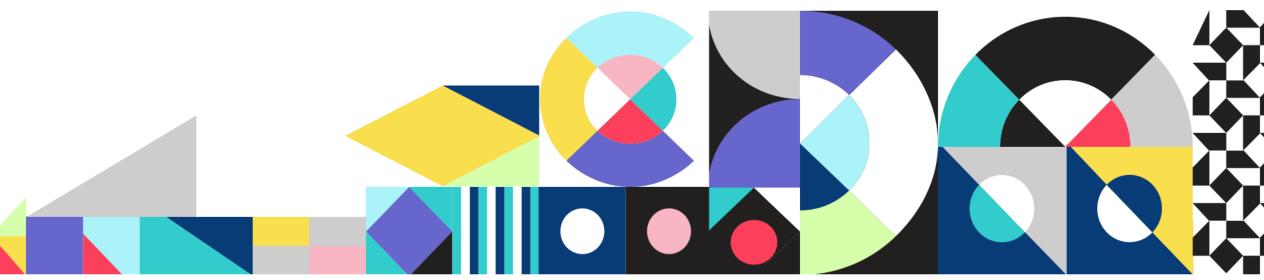
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(Survey section of the mobile app)

**SESSION PRIZE** 

one per session

STARBUCKS CARD

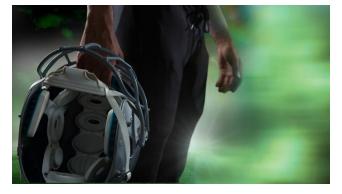
\$10 Starbucks Card

DAY 1



Bash Experience

DAY 2



Signed football helmet

DAY 3



Amazon Echo Show & Cloud Cam Bundle



# **MAKE ITAN EXPERIENCE**