



# AWBid Update for DMPM

## Cross-exchange buying for remarketing

Tobias Maurer

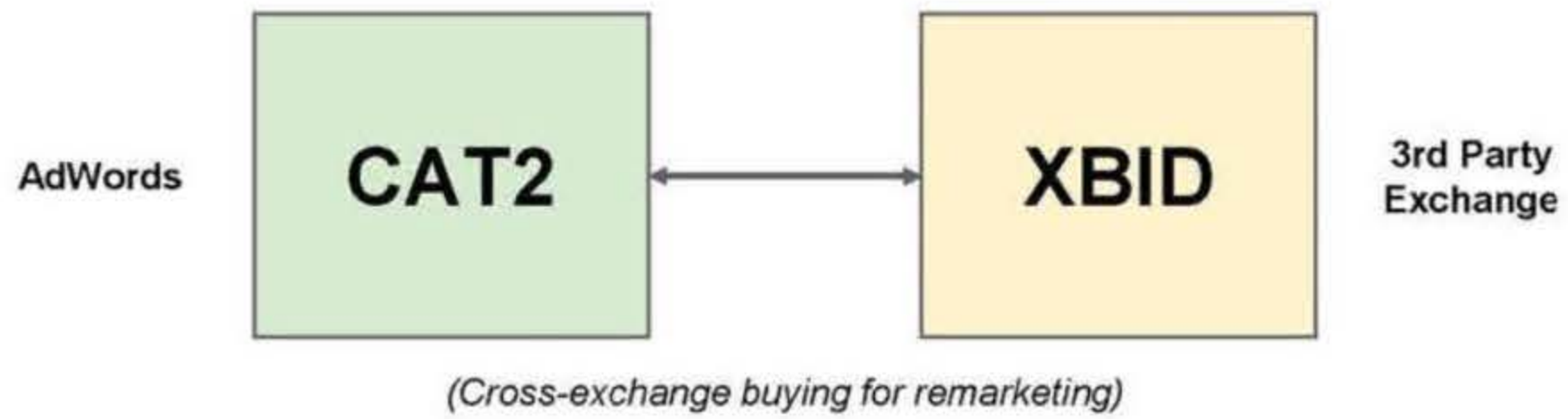
9/4/2014

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**PTX0199**

**1:23-cv-00108**

## What is AWWBid (AdWords Bidder)?



## Core AWP Bid Team



Dima



Joan



Shanshan



Matthew



Oren



Eu-Jin



Danny

Engineering



Keum  
(legal)



Barney  
(comms/sales)



Keith  
(support)



John  
(BD)



Katherine  
(spam ops)



Phil  
(spam)



John  
(policy)



## Executive Summary

**Exchanges: 7 live, 21bn** daily queries, 3.3bn available to CAT2

Rubicon, OpenX, Pulsepoint, AdScale, Pubmatic, Yield Lab, Casale

**BD Pipeline: +10 exchanges, 44bn** total inventory

Q3: Tanx (CN), CCI (JP), Yandex (RU), PlatformOne (JP), Platform ID (JP), Microad (JP)

Q4: Improve Digital (NL), Baidu (CN), AOL (US), Appnexus (US)

### Exchanges Blocked:

- [Yahoo](#) blocked by top partner process, due to re-negotiation with DBM
- [Facebook](#) needs executive approval

**Advertisers: 1% traffic experiment, 66 advertisers**

Advertiser uplift results pending resolution of inventory throttling

Focus of today's review

**Inventory Throttled:** pending Q3 resolution of key items

COOKIE COVERAGE, IFRAME, SPAM, TIMEOUTS

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Advertiser report for April 2014:

[https://docs.google.com/a/google.com/spreadsheets/d/1JpiNTL2P2MY7J1NwG\\_NO1JwDfWDJxbDdsGa84Mc5LcM/edit#gid=1564235217](https://docs.google.com/a/google.com/spreadsheets/d/1JpiNTL2P2MY7J1NwG_NO1JwDfWDJxbDdsGa84Mc5LcM/edit#gid=1564235217)



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Advertiser interest solid: 66 advertisers

Beta period limited to minimum # of clients needed to measure results until AWBID reaches stage of driving uplift

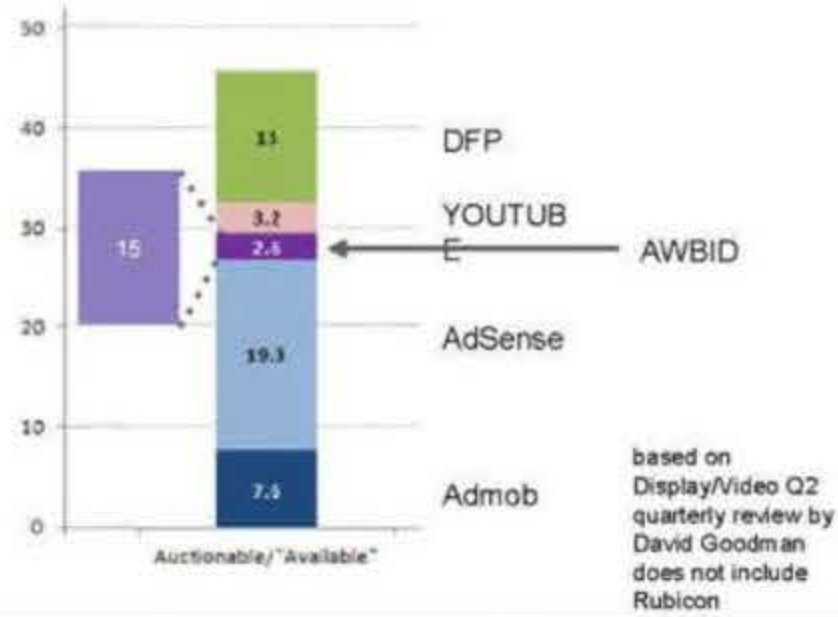
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Exchanges are providing 15bn daily queries, 33% growth to GDN top funnel, 6% bottom of funnel (pre/post throttles and spam filtering)



	Daily Queries
Rubicon	6.0bn
OpenX	5.0bn
Casale Media	3.0bn
PulsePoint	1.5bn
Pubmatic	4.5bn
Yieldlab	0.5bn
AdScale	<1.0bn
TOTAL	16bn

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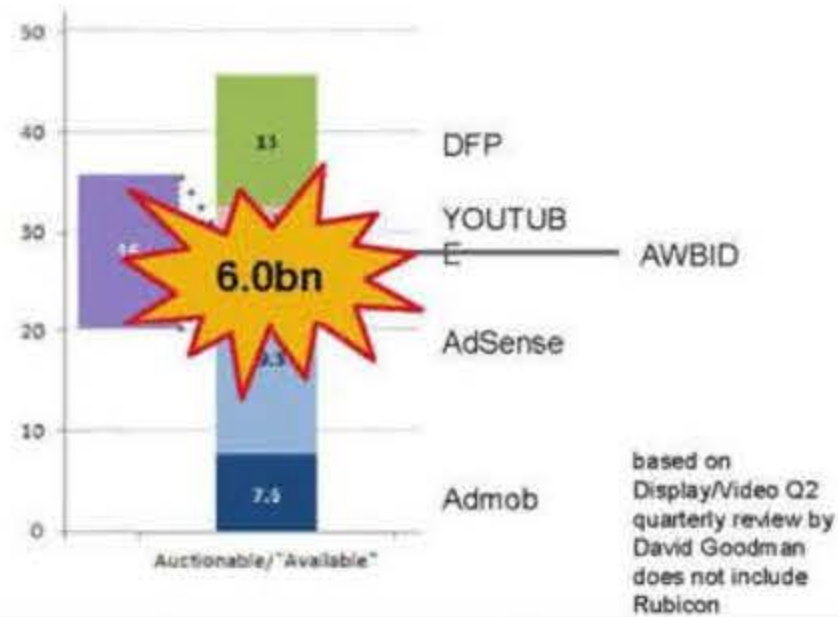
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[https://docs.google.com/a/google.com/presentation/d/1mxQMZ-L2XYCy5K8N5oj6upEFOCZdf---KbRD9dWsZvo/edit#slide=id.g275351530\\_1250](https://docs.google.com/a/google.com/presentation/d/1mxQMZ-L2XYCy5K8N5oj6upEFOCZdf---KbRD9dWsZvo/edit#slide=id.g275351530_1250)





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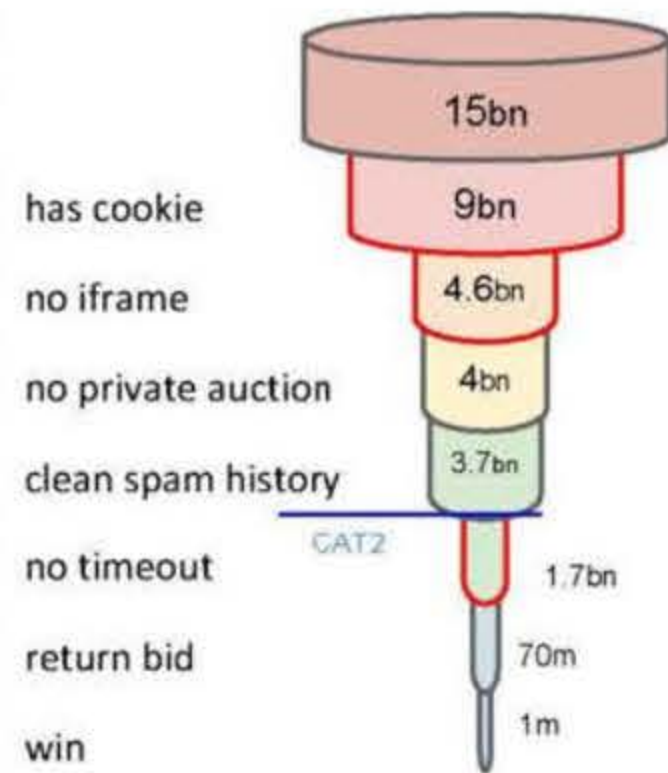
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86% of inventory throttled - while this is being addressed advertiser results can't be accurately measured



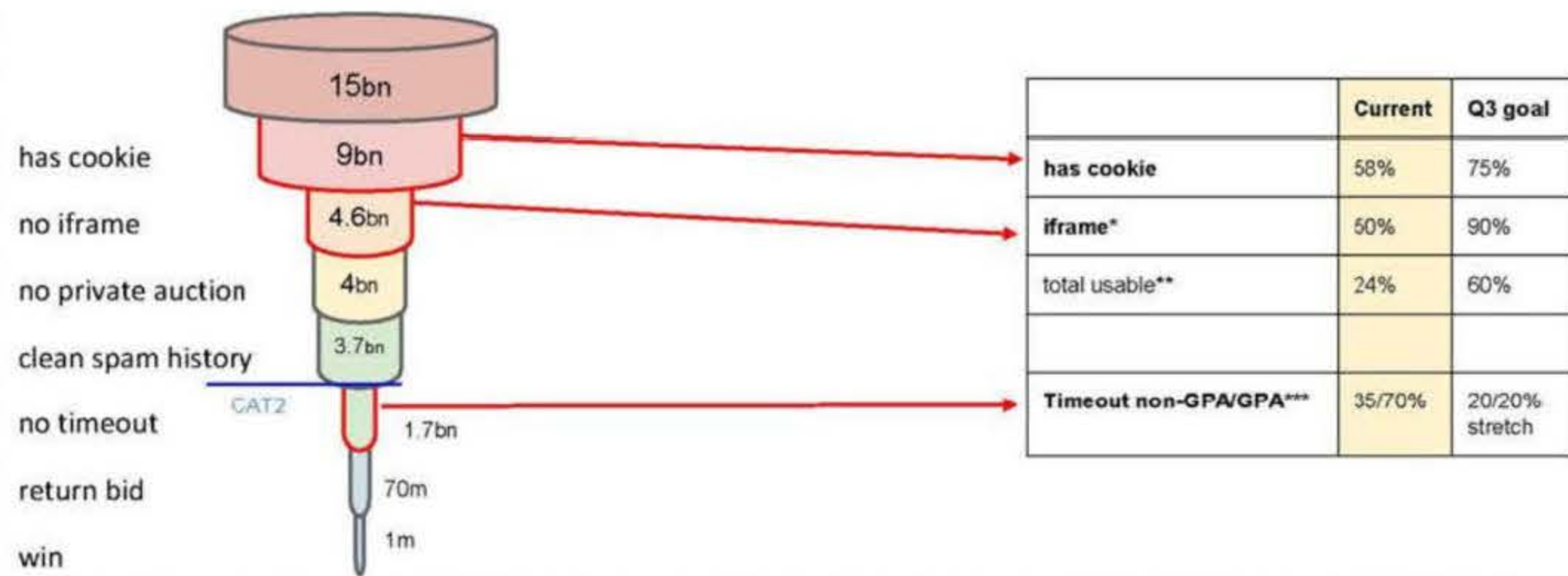
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This is on OpenX, which dominates our current traffic. Other exchanges are worse off, e.g. Yieldlab times out 90% on non-GPA queries.



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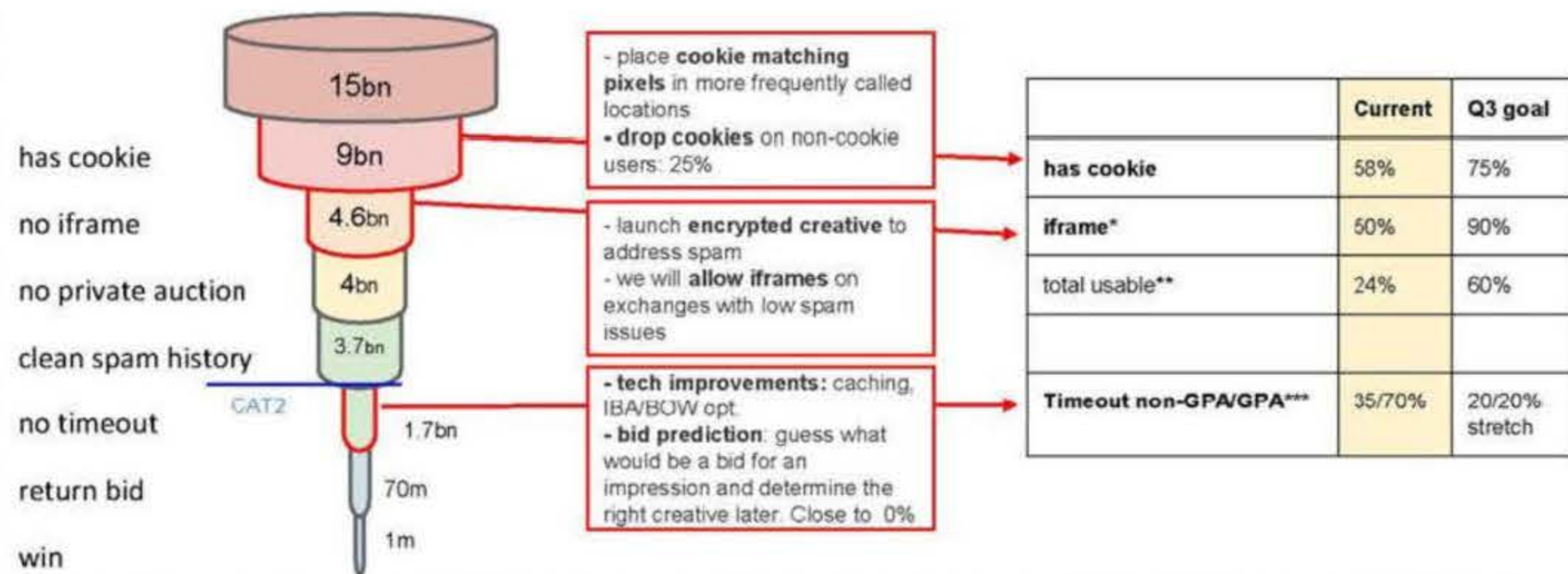
\*: based on conservative assumption that 10% of traffic doesn't meet our spam quality requirements, \*: includes other filter reasons, \*\*\*: 70/95% in Q1

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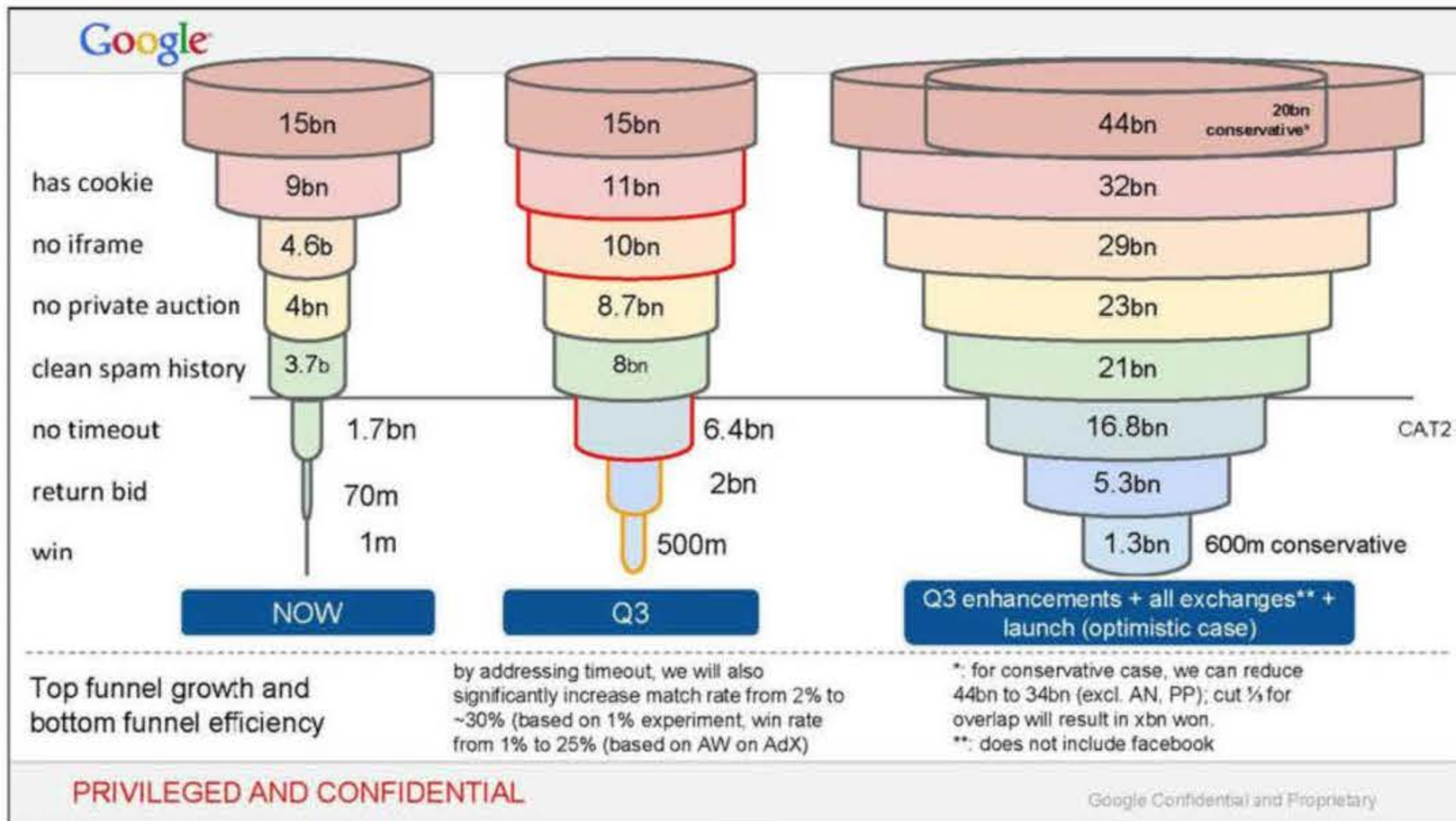


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## Inventory Quality Meets AdX policy ratings and compares to AdSense Longtail

Based on June review by stwhite@, pfb@ in Vinay Rao's team

**Policy rating:**  
6/10 (vs. 7/10 AdX)

**Subjective Content Quality:**  
3/10, compares to long-tail AdX/AdSense

**Issues addressable with blacklists:**  
Webmail, Copyright, Cracking/Hacking,  
T&C compliance, few low quality sites

**Need to monitor but not blocking:**  
Ad injection, Sexual Content, Desktop  
app inventory, Syndication

**Recommendation:**  
No blocking issues, especially if audience buy

	Description	Action
Webmail	6-7 webmail providers (eg. orange.co.uk)	blacklist/whitelist based off webmail beta solution
Copyright	some evidence, eg. <a href="#">drawafire.com</a> , <a href="#">gumodiv.org</a>	AdSense blacklist
Cracking/Hacking		
T&C compliance	MP3/video downloads, subverting rights, use Google Product abuse blacklist	
Ad injection	suspecting ad injections (eg. <a href="#">thephonebook.bt.com</a> )	not blocking: can create a list of top 100 Q&Q properties and block them
Sexual Content	very little evidence, eg. <a href="#">imgur.com</a>	not blocking: keep monitoring
Desktop app		not blocking: keep monitoring
Multi-level Syndication	can create a list of top 100 Q&Q properties and block them	not blocking: keep monitoring

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<https://docs.google.com/a/google.com/document/d/1Oe2MMiLaO2RF43vVm462sDxe9i2jS1HJkMyIN07nSP8/edit>





## Click Spam is at acceptable levels in most exchanges, actions for outliers needs discussion

Based based on 5/18 - 6/16 [analysis with power drill and writeup](#)  
by privard@, kdhuang@

Currently not getting spam signals on impression basis but will  
with launch [115647](#)

Casale Media's spam due to ad verification service, can be  
addressed with special log handling on our end.

### Next Steps

More experimentation needed understand nature  
of spam, then work with offenders to address spam or  
terminate buying

	Online	Offline
Rubicon	Live EOW	Live EOW
OpenX	14.8%	3.5%
Casale Media	35.2%	0%
PulsePoint	14.6%	100%
Pubmatic	17.9%	insufficient traffic
Yieldlab	14.8%	insufficient traffic
AdX	10.4%	1%

percentage of clicks considered fraudulent,  
based on same spam criteria applied to AdX

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## Timeline

<b>Q3</b> <hr/> <b>Assess advertiser results</b> conversion lift and CPD assessment	<b>Q4</b> <hr/> <b>Soft launch</b> automatically whitelist top 1000 RMKT advertisers	<b>Q1</b> <hr/> <b>Full launch</b>
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## Ask

increase from 1% to 10% experiment now to improve learnings feedback from litigation	Redacted - Privilege Redacted - Privilege
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# APPENDIX



## Cross-exchange differences across Google Platforms

GDN	DBM
RMKT only, CPD equalized	all campaign types
supplemental inventory focused on performance results	unfettered access
32% margin	lower margin
spam protections built-in	no spam protection today
simple opt-out for all exchanges	per-exchange management
no exchange-level reporting or optimization levers	full reporting and optimization per exchange

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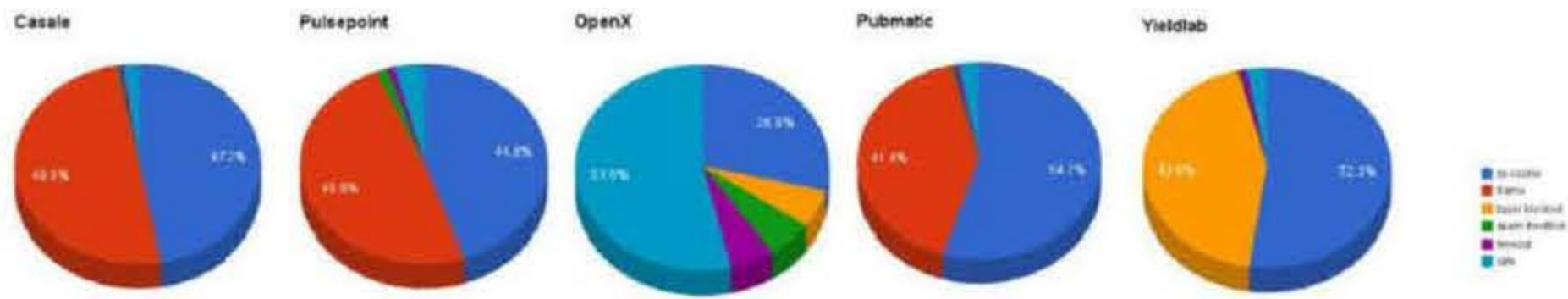
## Incremental Inventory

Site	AWBid Eligible Imp	AWBid Contribution	% OpenX	% Casale	% PulsePoint	% Pubmatic	% Yieldlab
<a href="#">juno.com</a>	2086951279	99%	99%				
<a href="#">drudgereport.com</a>	1934658767	87%	57%	8%	3.41%	18.09%	
<a href="#">lolking.net</a>	1803587623	99%	99%		0.00%		
<a href="#">opposingviews.com</a>	1345717299	98%	98%		0.00%		
<a href="#">jsonline.com</a>	1140067262	99.99%	99.99%				
<a href="#">addictinggames.com</a>	1137802055	98%	98%	0%			
<a href="#">emgn.com</a>	1017773516	91%	90%		1.07%		
<a href="#">scrabblefinder.com</a>	896421210	88%	88%				
<a href="#">auctionzip.com</a>	749674505	94%	94%				
<a href="#">characterarcade.com</a>	702021848	100%	100%				
<a href="#">perezhilton.com</a>	686065742	93%	87%	6%			
<a href="#">meteofemmine.it</a>	593250822	99.99%	99.99%				
<a href="#">wayfair.com</a>	414558889	87%	87%			0.01%	

Mainly via OpenX, AWBId providing top unique impressions

[Full Inventory Details can be found here](#)

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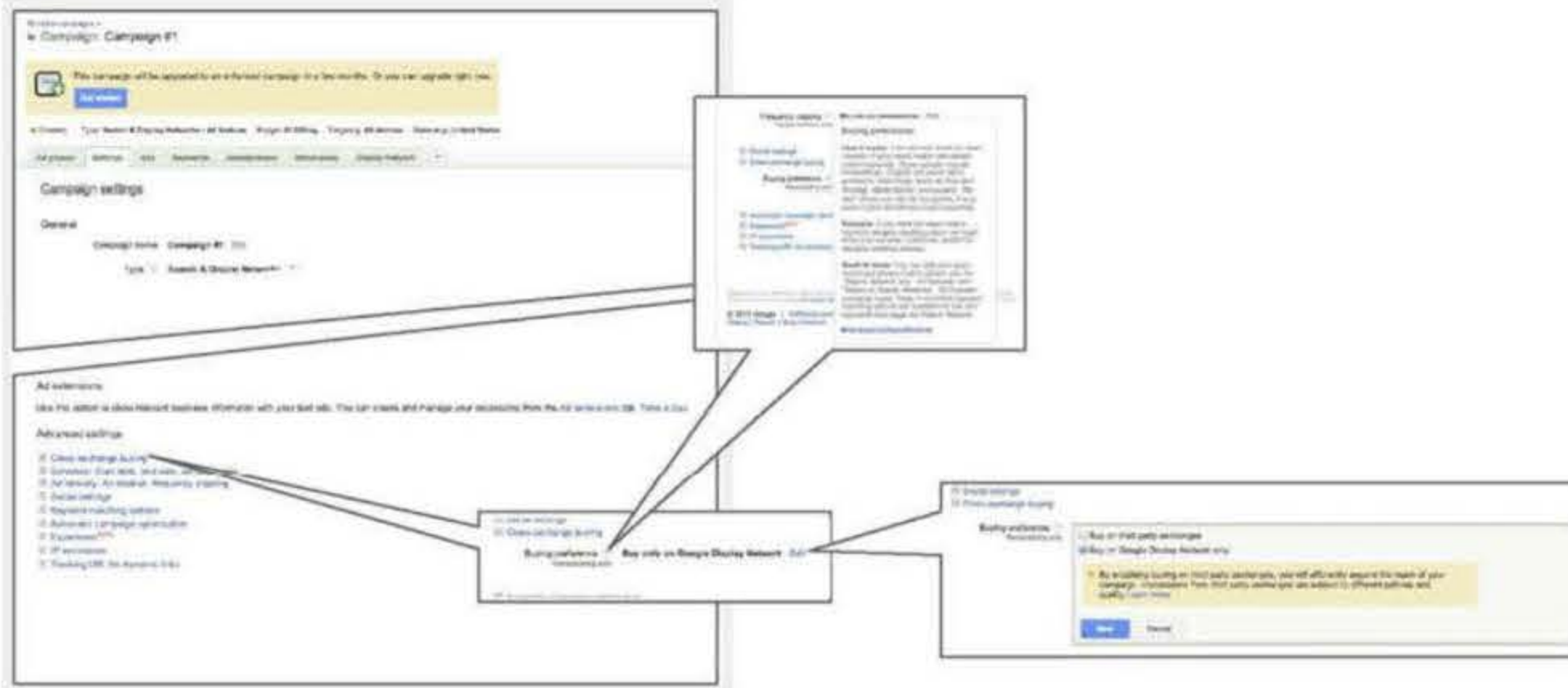
## Current State: Advertiser Results

- Performance Data Dashboard [Here](#)
- Inventory Raw Data [Here](#)
- Dremel Tables Used
  - [awbid.buyside](#)
  - [awbid.pubside](#)
  - [brand\\_inventory.inventory\\_state](#)
  - [GDSS AdvertiserPublisher\\_F](#)
- April 2014 Analysis [Here](#)
- March 2014 Analysis [Here](#)
- December 2013 Analysis [Here](#)

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## Campaign-level Setting



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## Stakeholders

Spam - Phil Rivard

Policy - Steven White

Legal - Keum Yoon

Leadership - Neal Mohan, Einar Lipkowitz

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