



Investor Presentation Growth Strategy Strongest Balance Sheet

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Digital Advertising Fraud: A Massive Global Problem



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Advertising Fraud – A Massive Global Problem

Ad Fraud has massive direct and indirect costs for the global digital advertising ecosystem.

Direct costs

\$42 billion

loss to ad fraud in 2019 by advertisers globally*

1 in 10

*Juniper Research

app installs worldwide will not be from genuine users by 2022*



The True Cost of Ad Fraud

Indirect costs

Indirect costs of ad fraud impact the entire digital advertising ecosystem Continued investment in sources of fraud

Downstream media costs Traffic sources may unwittingly pay for fraud before it is identified

Media volume negotiations Among other costs, reconciling media volumes is time consuming

> Opportunity cost Spending time, money and resources reacting to fraud

Threat of litigation Unresolved disputes about the presence of ad fraud adds unnecessary risk

Restricted optimisation Inaccurate representation of traffic stops a campaign reaching its full potential

Damage to reputation

A lack of transparency can lead to a breakdown of trust and lost clients



TrafficGuard - A Holistic Solution



only rsonal use

A holistic solution to digital advertising fraud. Ad verification & fraud prevention specialists.



Team of 25 data scientists, analysts and engineers



14+ billion fraudulent clicks and conversions mitigated



Years fighting Invalid Traffic (IVT) & ad fraud



months in commercialisation

TrafficGuard is wholly-owned by ASX-listed Adveritas (ASX: AV1)

Driving trust and transparency in the digital advertising ecosystem.

TrafficGuard provides a unique, holistic approach to confronting digital ad fraud.

Reporting tools help advertisers recover wasted media spend but TrafficGuard isn't a reporting tool - it is a **holistic** solution to ad fraud. TrafficGuard's objective is to:

- Prevent fraud from occurring in real time.
- Reduce the impacts to intermediaries in the media buying chain.
- Make the business of fraud infeasible for perpetrators.

Uniquely positioned as a one-stop shop based on proprietary big data, confronting fraud across all channels

Surgical Prevention

- Our surgical approach is based on proprietary big datasets accumulated through years of advertising campaigns, so we only remove invalid traffic.
- Others excessively block digital ad traffic, resulting in false positives for advertisers and unfairly penalised traffic sources.



Transparency

- TrafficGuard is **highly transparent**
- We share results with advertisers and supply partners to demonstrate the data science supporting our diagnosis.
- This facilitates trust and saves time wasted on invoice reconciliation.



Protection across the whole journey

 We provide universal protection across all digital advertising channels - mobile, desktop, and all campaign types. Unique Customer Value Proposition How Does Removing Invalid Traffic Increase Return on Ad Spend?



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Genuine Ad Engagement

No more bots, clicks farms or competitors' clicks draining your ad spend.

Just genuine advertising engagement.



More Customers

Campaigns reach real people, who can become real customers.



Growth Focused Fraud Prevention

Safe in the knowledge that TrafficGuard is proactively protecting them from fraud, our clients have been able to achieve:

- Greater reach and accelerated user acquisition
- 2 Faster advertising optimisation
- 3 Higher user life-time value (LTV) and improved Return on ad spend (ROAS)
- 4 Full advertising budget utilisation



Sustainable Competitive Advantages

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TrafficGuard Introduction - Private & Confidential

Full Funnel Approach to Solving Ad Fraud

TrafficGuard uniquely provides a holistic, "one-stop shop" solution, based on proprietary big data sets which have been accumulated through 10+ years of operations

Ad Verification	Ad Fraud	Mobile Ad Fraud	PPC Fraud	Bot Management
CHEQ	o forensiq	MACHINE	ClickCease	NETACEA
Ad Science	fraudiogix "	S C A L A R R	Click GUARD	distil networks
DoubleVerify	pixalate		Clixtell	
MOAT	22 : metrics	🔇 adjust	CHEQ	Z V e l o We categorize the Web
MEDIA		KOCHAVA ×	PPC Protect	DATADOME
		N singular		
		trafficguard	>	

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Machine Learning Protecting Against Unknown Fraud



Ad fraud is constantly mutating to avoid detection. TrafficGuard, and the data scientists that train it, utilise a combination of anomaly, classification and predictive machine learning algorithms to analyse traffic and determine validity in real-time. This technique effectively blocks known and unknown types of fraud as they emerge. Each detection level feeds data back into TrafficGuard's machine learning algorithms to help it get even stronger.

TrafficGuard operates across the client's entire ad spend (mobile, desktop, programmatic, Google ads), analysing every stage of the consumer's digital marketing journey.				
Feature	TrafficGuard	Legacy Solutions		
Multiple channels	TrafficGuard is the worlds first full funnel solution that allows the client to make informed decisions around their marketing budgets. TrafficGuard also provides visibility into the entire consumer journey, not single point focused.	Legacy solutions are usually built for their specific silo, with no broader visibility of traffic beyond that one application. Most are also looking at a single point in the consumer journey which limits the intelligence of identifying fraud.		
Reporting	Can report across multiple channels with clear transparency along the entire consumer journey.	Limited to reporting in a specific silo and lacks transparency into why fraud is occurring.		
Invalid traffic definition	Fully transparency with clear and defendable traffic validation.	Risk scores or ambiguous reporting.		

TrafficGuard's Proprietary Data and Technology – How it Works

Device

Motrics

Location

Netadata

Journey

trafficguard

An Adveritas Company

TrafficGuard analyses hundreds of data points every time an ad is viewed, clicked, and converts, to determine whether that ad engagement is genuine or delivered by fraud.

How it works

TrafficGuard analyses over 200+ signals from these 5 categories to identify fraud.

- 1. Device characteristics: model, browser, version
- 2. Location: lat/long, city, user of proxies, carriers
- 3. Journey: clicks, app installs, conversions, post-conversion activity. Changes in device or location details at different journey stages
- 4. Metadata: traffic sources, campaign targeting
- 5. Metrics: conversion rates, click through rates, click to install times

Trusted by Major Global Clients



Major clients in key segments including transport, on-demand applications, ad agencies, online marketplaces, fintech, mobile marketing, gaming

📀 gojek

CENTAURO

O Go I Games

Rappi

JUMBO







CrediNord.

Customer case studies provide proven metrics to quantify success. e.g. Rappi Task With aggressive growth targets, Rappi needed both protection and scale. Rappi is LATAM's highest valued startup, operating across 7 markets Rappi had high and volatile click volumes with low conversion rates 25% Wanted to be able to reduce the manual tasks associated with ad fraud **Results** Faster optimisation with cleaner data contributed to 25% ROAS improvement, increase improved LTV and install to first order Average of 25% of clicks invalidated before attribution, with peaks up to 40%

- Significant improvement in conversion rate
- Automation removed burden of manual tasks, representing a 30% time saving
- Ability to scale confidently knowing ad budget is protected

saved

"ROAS increased 25% with TrafficGuard. By having cleaner traffic, we could find reliable sources and allocate budget better, putting money where it is really bringing results."

> **Gabriel Sampaio** Growth Lead -Digital Channels, Rappi



Multiple Growth Drivers

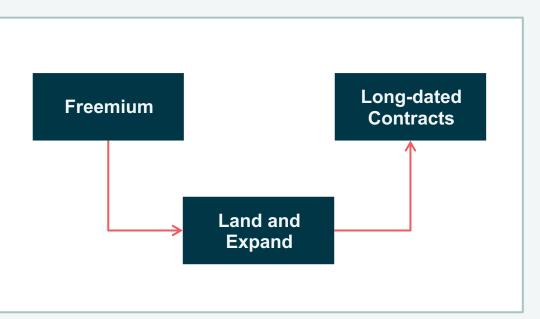
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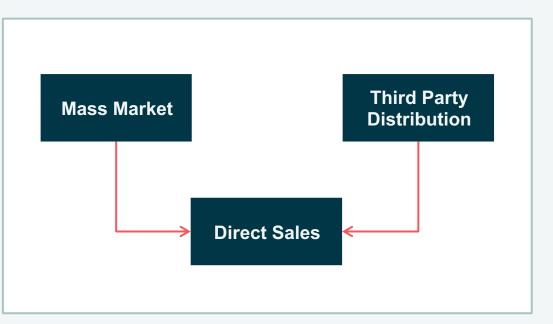
3 X 3 Sales Model

Both "land and expand" and long-dated contracts have been proven to work for Adveritas. The launch of Freemium (fraud detection only) model is expected to increase the sales pipeline.

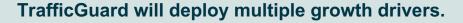
Three Sales Models



Three Paths To Market



Multiple Growth Drivers





Freemium offering to be mass marketed. Any company using Google Pay-perclick (PPC) advertising is a Freemium prospect and potential Land & Expand customer.



Online Sales

Increase marketing channels including Facebook, Google Ads, retargeting.



Direct Sales

Increase Direct sales reps to build enterprise level funnel and increase conversion.



Sector Education

Increase whitepapers, conferences, thought leadership, customer case studies.



Public Relations

Increase awareness of the problem and the TrafficGuard solution.



Strategic Sectors

Direct sales reps tasked with specific high spending verticals – Insurance, pharmaceutical, on demand services, fintech, banks, online market places, ecommerce.

Multiple Shareholder Value Drivers

All elements of the 3 x 3 sales model work together to drive shareholder value.



Freemium Pipeline via mass marketing occurring.

Land & Expand

Land & Expand Customers via Freemium Conversion & Digital Marketing.

Long-dated Contracts

Long-dated Contracts via Direct Marketing at Enterprise Level and Upsell Land & Expand. Shareholder Value

Freemium Launch

Freemium model has attracted 400 + sign ups and counting. Mass Marketing scale up expected July 2020.



Self-service model

- TrafficGuard Google PPC ad fraud protect now launched.
- Users can sign up to Freemium model themselves.
- Low touch point.
- Estimated 10 minutes to signup and activate.



PR and mass marketing to raise awareness

- Expected July 2020.
- Facebook, Google, Email direct marketing and other channels engaged to drive freemium signups.



Detection-only

- Users will be informed of ad fraud but must pay for fraud blocking to use TrafficGuard.
- Freemium is only reported upto \$2500 of reported Google Ad spend.



Expected sales funnel increase

 Purpose of freemium is to increase sales funnel, convert to "land and expand" and finally long-dated contracts.

APAC

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- Direct Sales secured the initial marquee clients Rappi, GoJek, ecommerce giants, Centauro and Bukalapak, mobile advertising. agency, MUV (Mobile agency of global agency holding group WPP), NASDAQ-listed Glu Mobile.
- Increase in direct sales representatives to increase presence and conversations was needed.
 TrafficGuard has recently expanded its sales team and has a total of 7 salespeople split between the USA, Europe, Latin America, Japan and Korea. Key hires that have started have already achieved signed enterprise trial agreements.
 North America

Recent hires added in the United States, UK, Latam.

Additional hires to be added in Q1.



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Third Party Partnerships can be transformational

- Any groups that can introduce TrafficGuard to large numbers of clients is a potential Strategic Partnership.
- Examples include ad agencies, domain name registries, banks, accounting firms, Large enterprises.
- Sales leverage through third party sales can be transformational to Adveritas's revenue.



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RECORD BALANCE SHEET STRENGTH

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TrafficGuard Introduction - Private & confidential

Record balance sheet strength provides operating runway to at least 3Q calendar year 2021.

Record balance sheet strength of circa \$9.5m – strongest ever in the Company's history.

Recent capital raisings summary:

- Strategic Placement = \$4.5m
- SPP oversubscribed = \$3.0m

R&D grant expected. For reference, 2019 saw \$1.2m received back to the Company.

Call options – 55.1m units exercisable at 10cps expiring October 2021, potential \$5.5m of cash to be received by the Company.

Adveritas is well positioned to execute its growth plan and increase shareholder value. The Company is confident of executing its strong pipeline with enterprise level clients as well as increasing freemium and land and expand numbers.

Strong balance sheet positions Adveritas to execute its growth plan and increase shareholder value. The Company is confident of converting its Freemium pipeline into fee-paying land & expand customers and ultimately enterprise level long-dated contracts.

Investor Enquiries





This presentation has been approved by the Board of Directors of Adveritas Limited.

For more information, please contact:

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