



Nitmus Credential

e-Marketing Soulution Company

nitmus@nitmus.com

Index



1. Overview

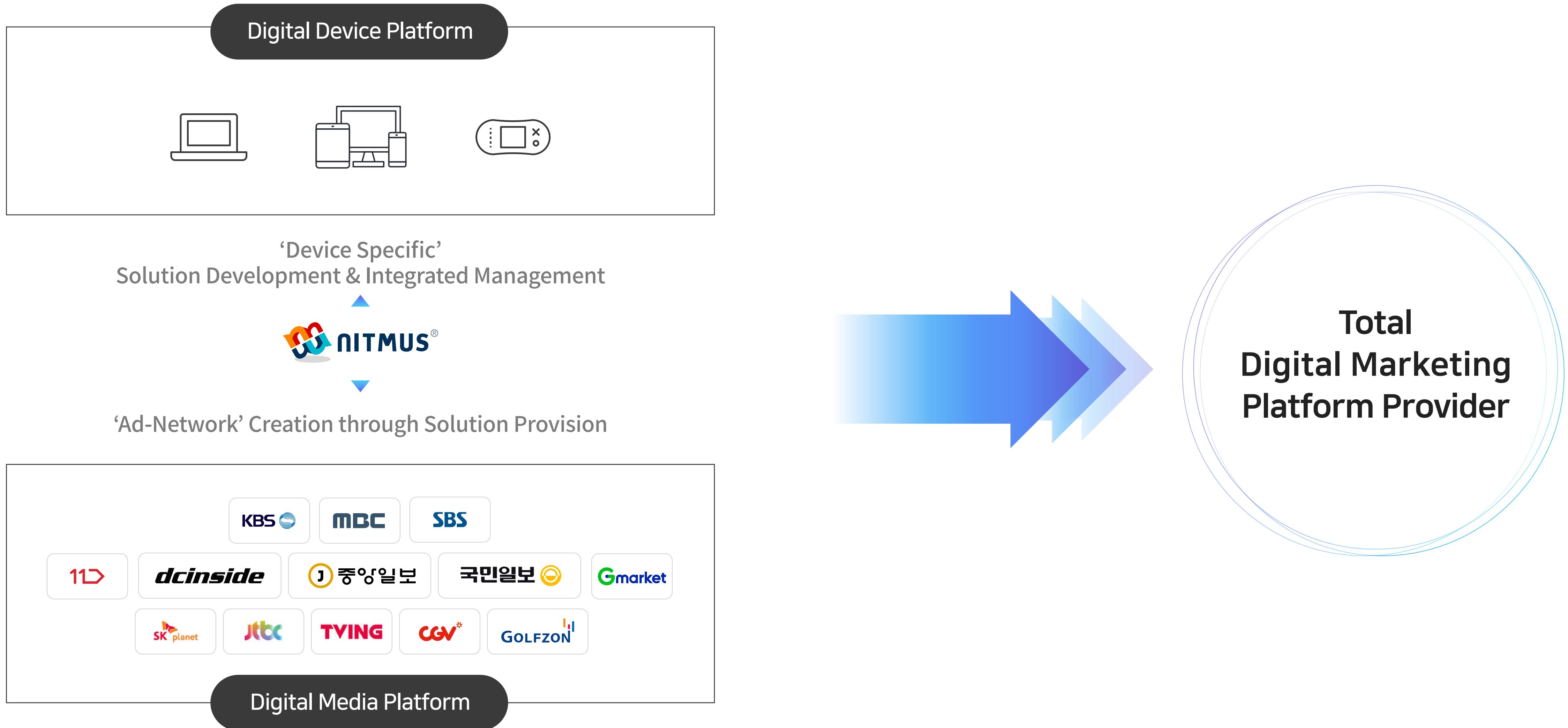


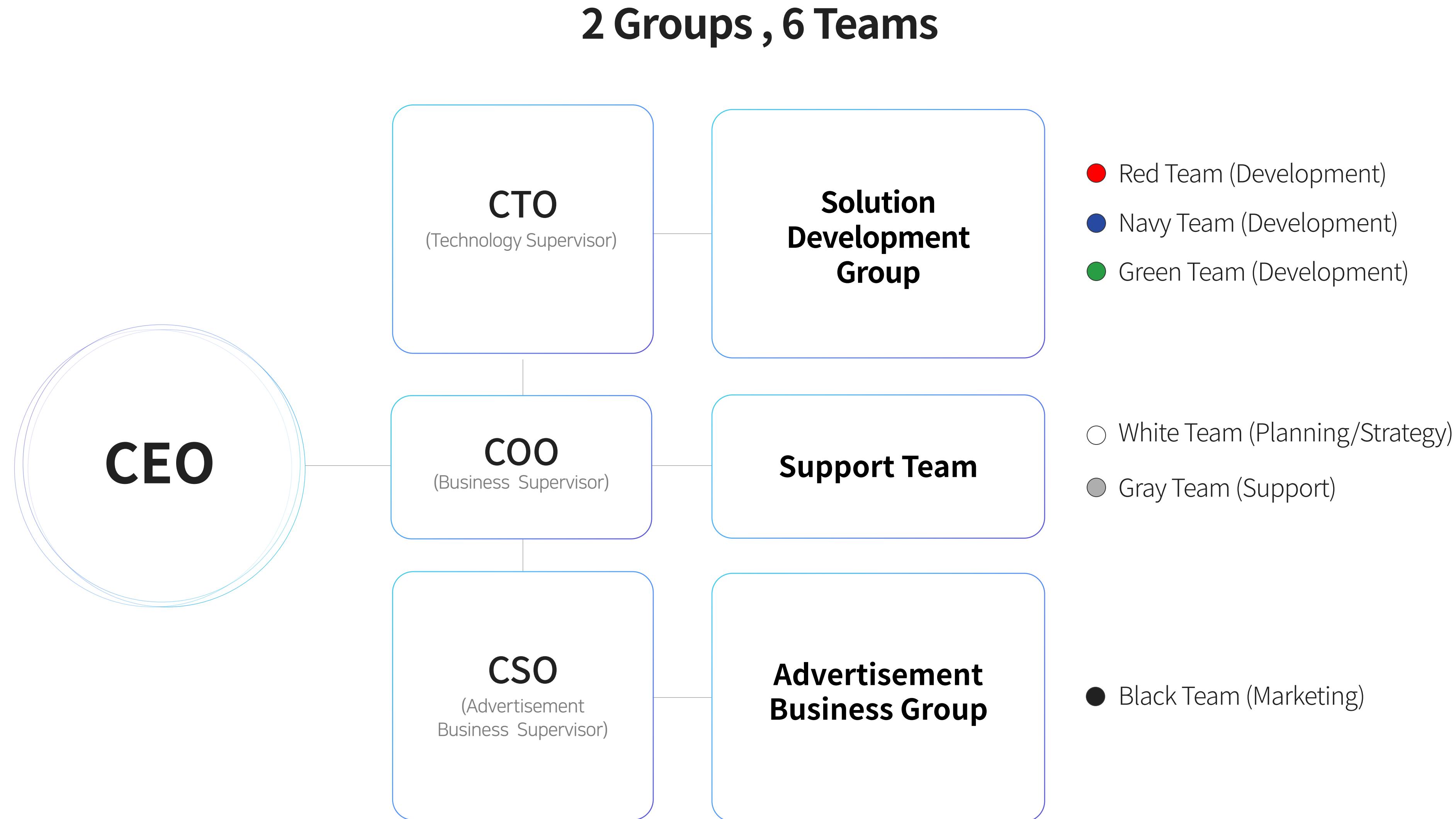
2. Product



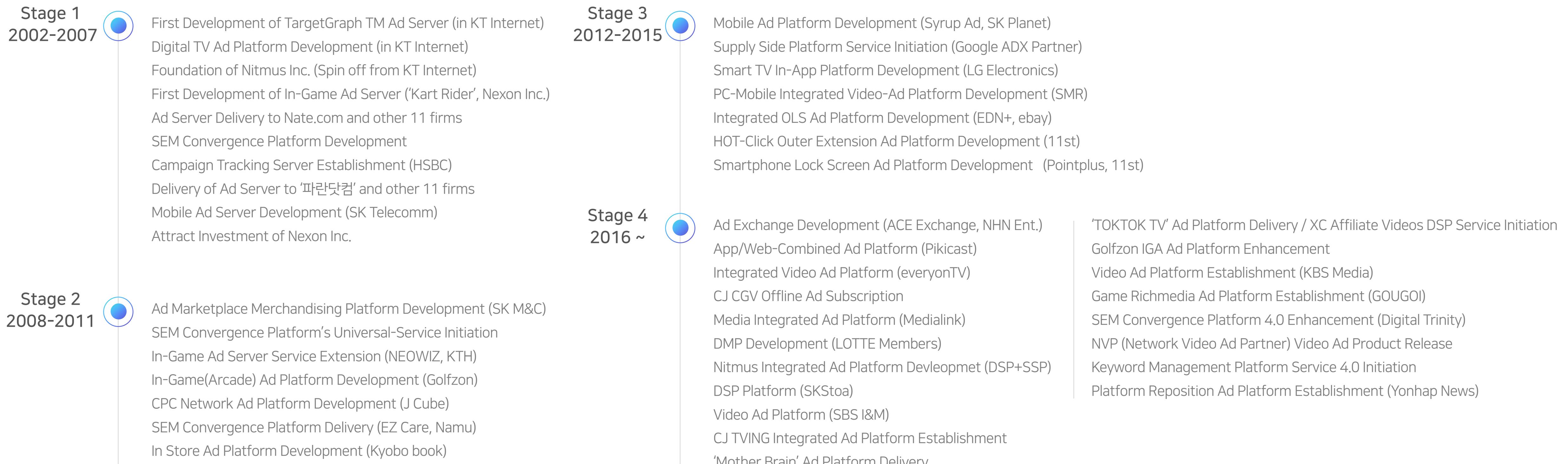
3. Reference

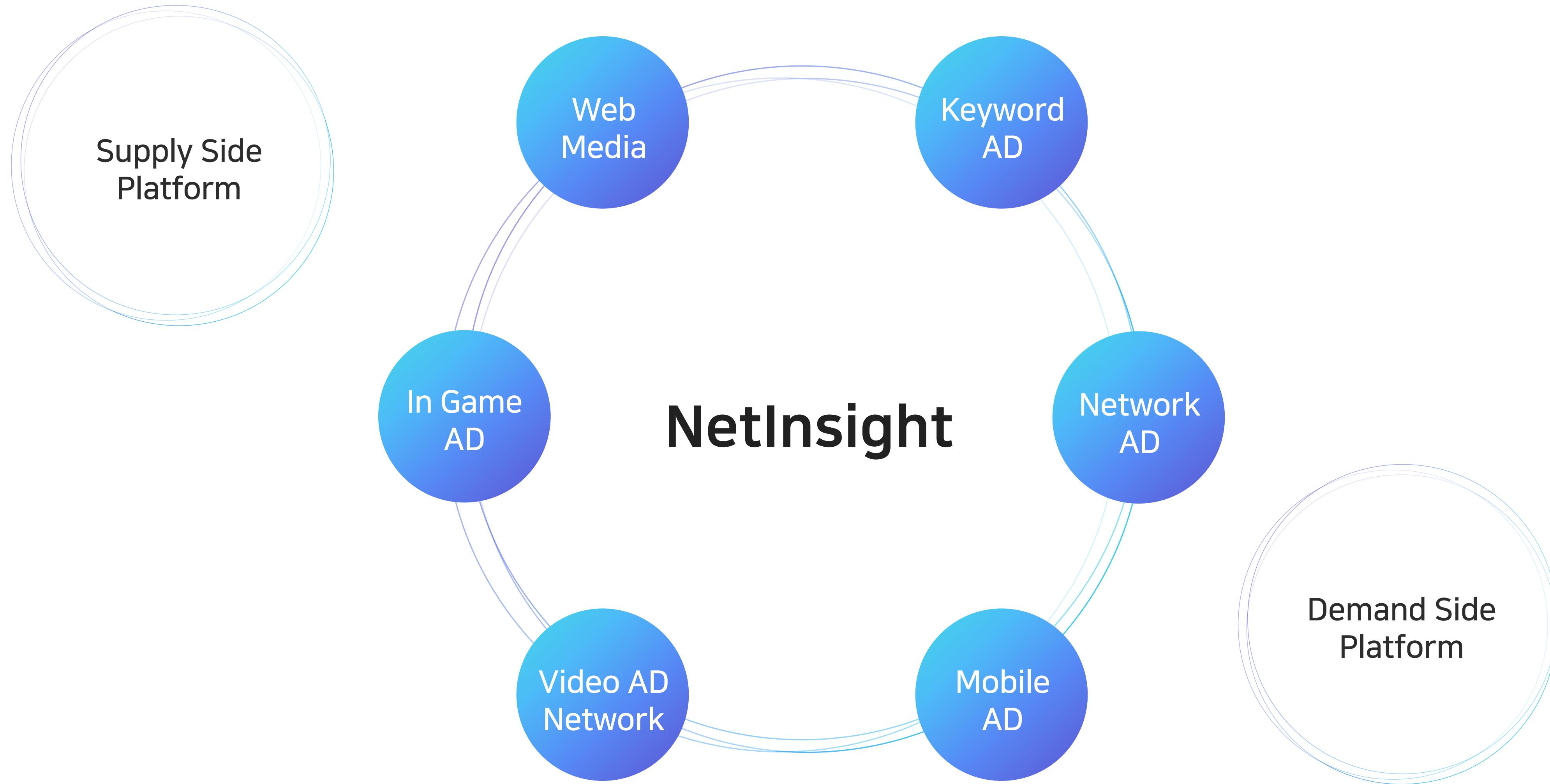
COMPANY	NITMUS Inc. / (주) 니트머스
ESTABLISHED	1 / December / 2004
CEO	Yong Jae Kim
BUSINESS	Total Digital Marketing Solution Provider by Adserver Technology
FEATURE PLATFORMS	NetInsight ™ Web Adserver NetInsight ™ In-game Adserver NetInsight ™ Keyword Adserver NetInsight ™ Video AdServer NetInsight ™ RON AdServer NetInsight ™ SSP NetInsight ™ DSP
EMPLOYEE	22 people





Nitmus is a solution company that develops and improves stable platforms with advanced technology in the rapidly changing online advertising market.





Web Adserver



In-game Adserver



Video Adserver



Mobile Adserver



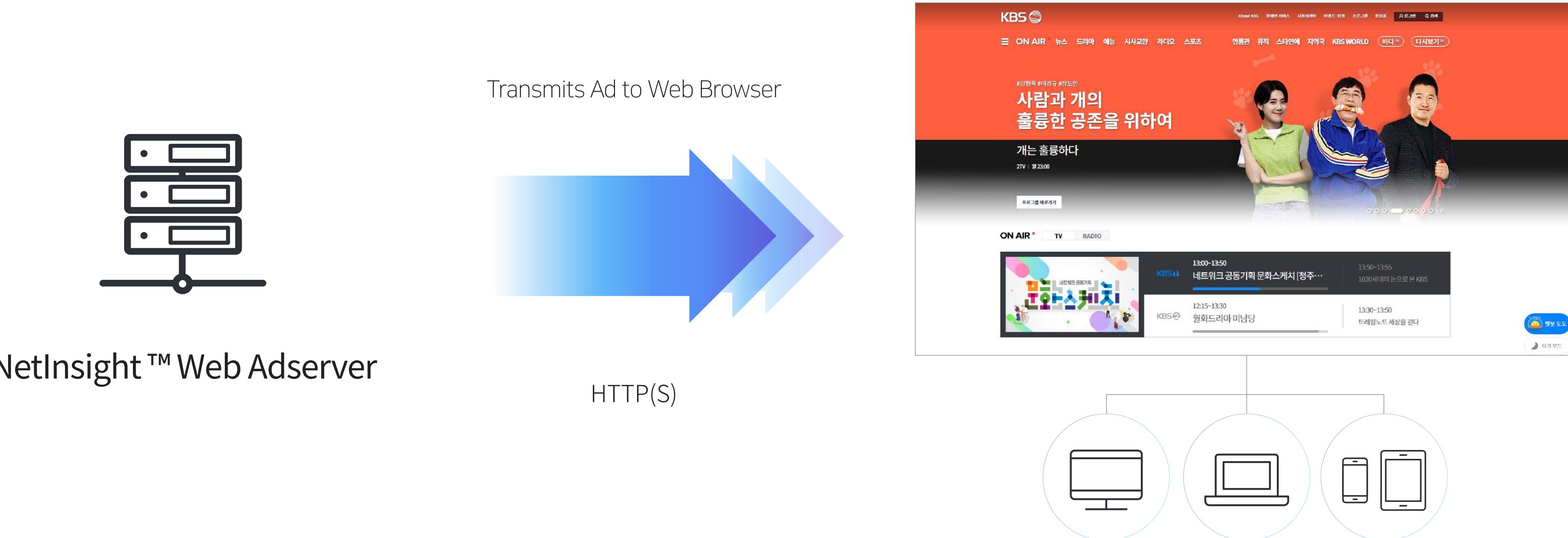
Keyword Adserver

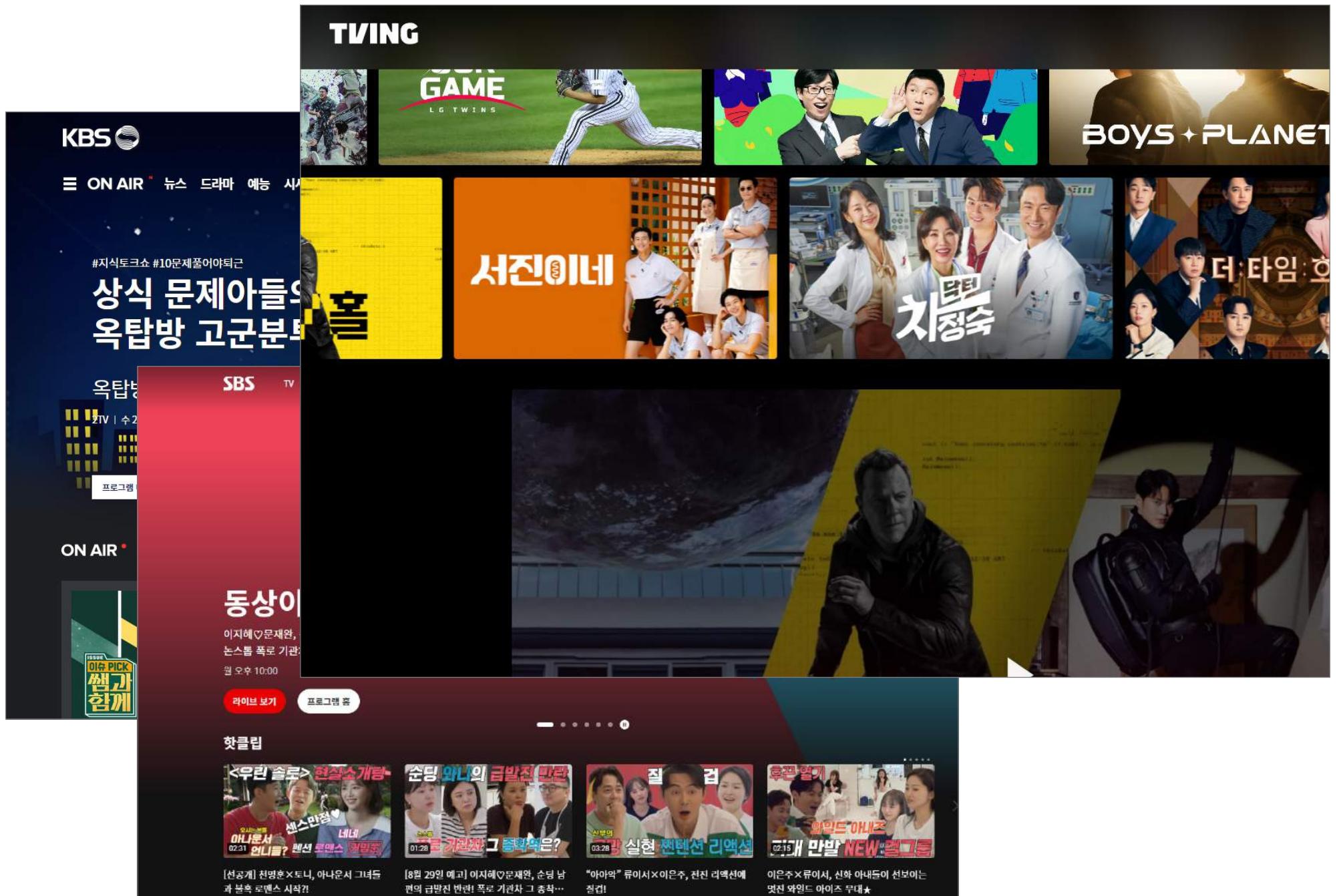


Network Partner

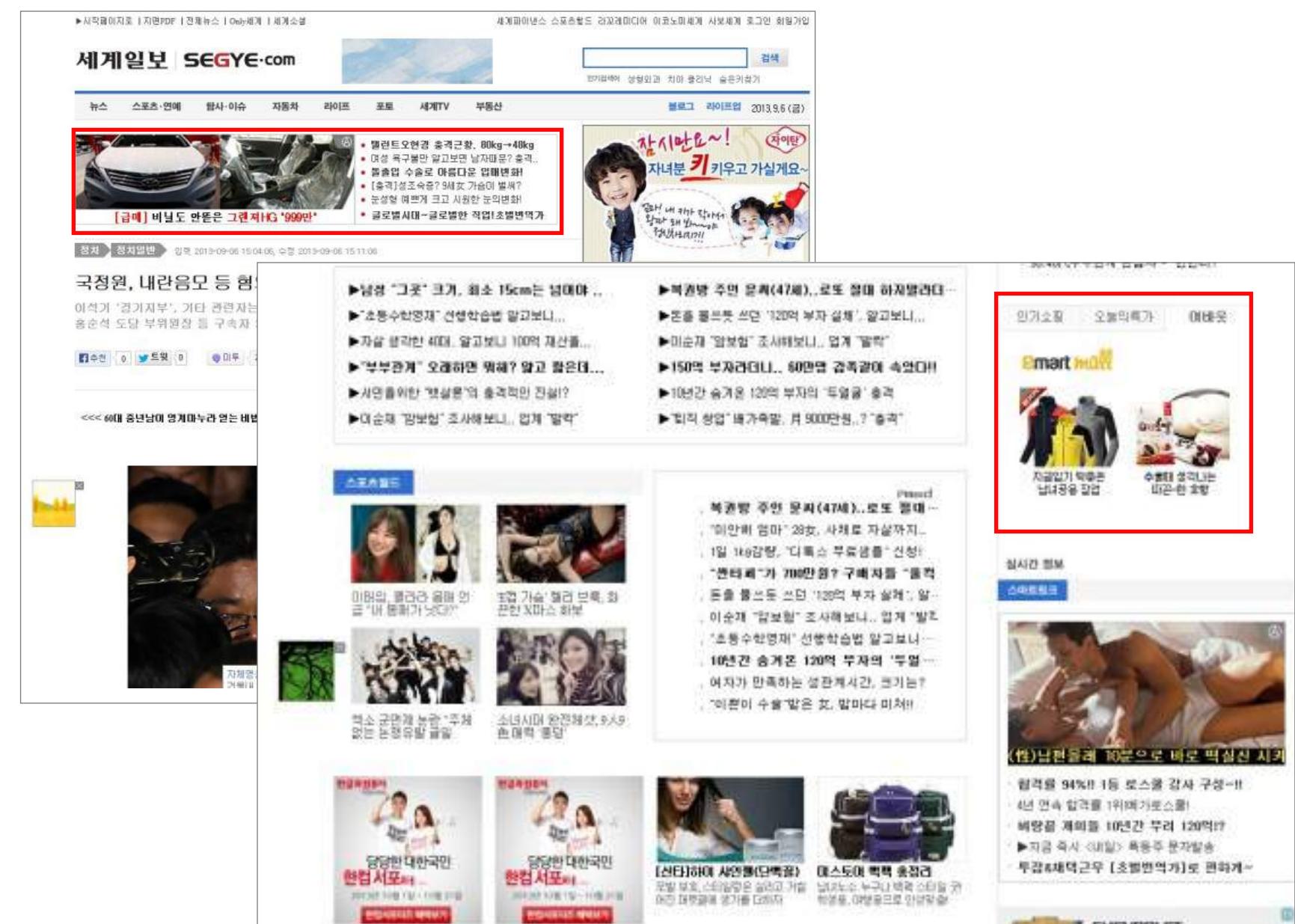


- Capable of supporting every Ad exposure which are distributed in the Web
 - Provides optimized solution for each media/network
- Exposes custom creatives based on users' actions (Retargeting, Audience targeting)



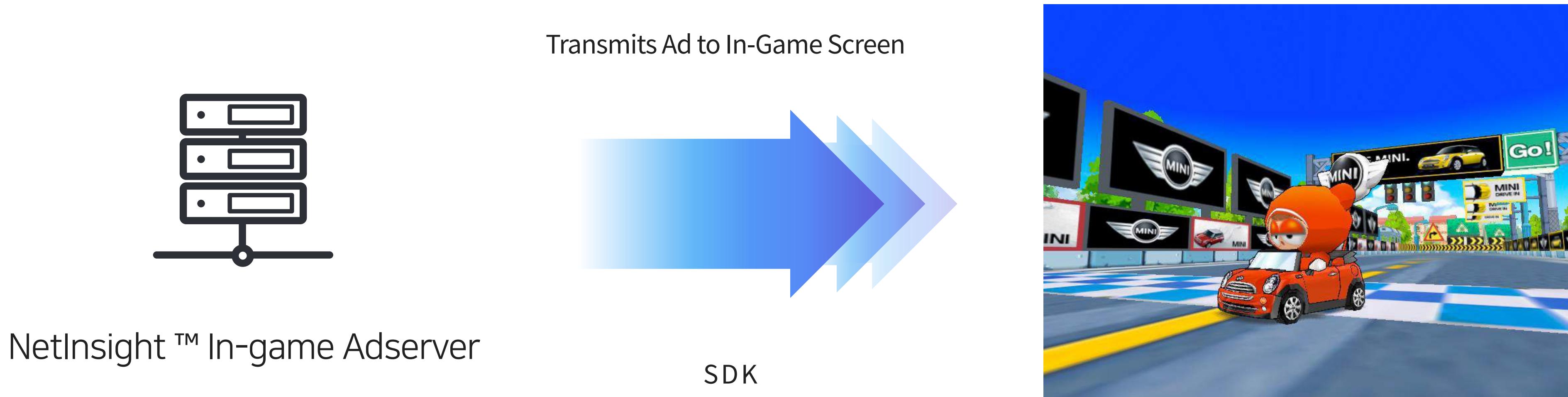


General Media



Network Ads (Image + Text, Shopping Box)

Capable to transmit Ad to Web/Arcade/Console games which networking are possible
Supports SDK for exposing In-game PPL Ad (2D & 3D Ads, Area-based Report if 3D Ad)
Pre-load Ad exposure before playing game (Loading Page, Item Shop, etc.)





PC Game, 'Kart Rider'



Arcade Game, 'Golfzon'

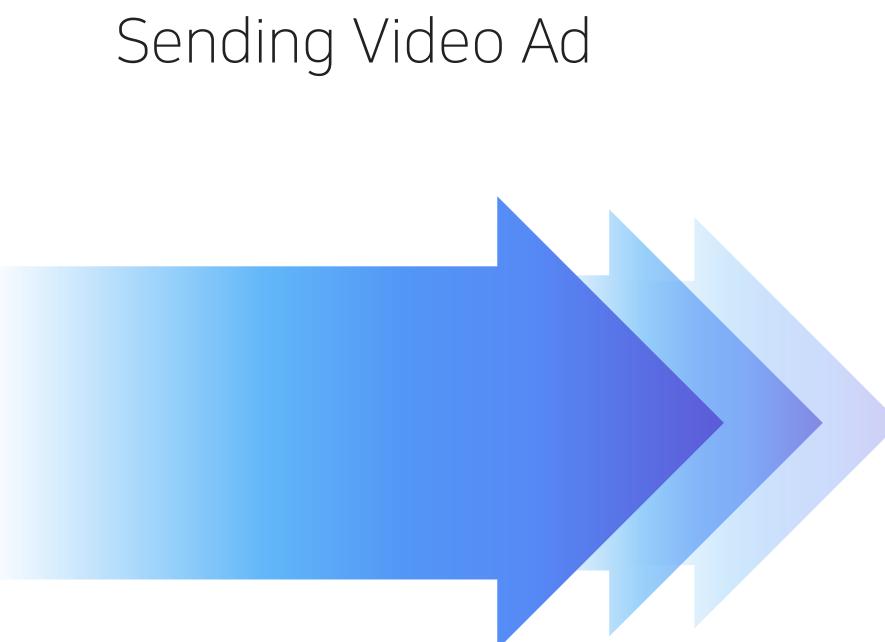
Provides API that communicates with video player

Provides 'action reports' that are appropriate for Video Ad (exposure, clicks, etc.)

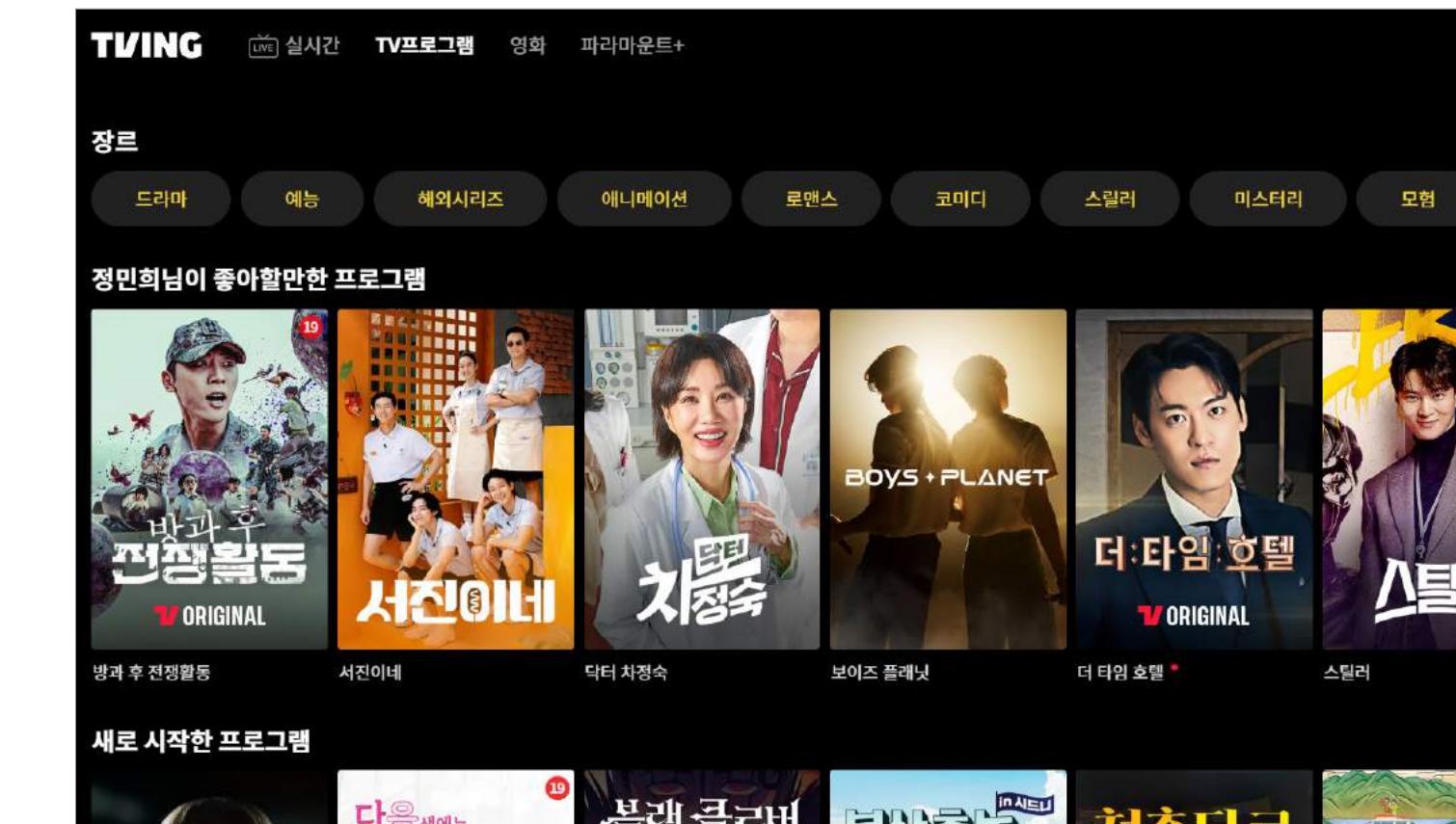
- Reporting actual viewed time of Video Ad
- Reporting clicked points in video



NetInsight™ Video Adserver

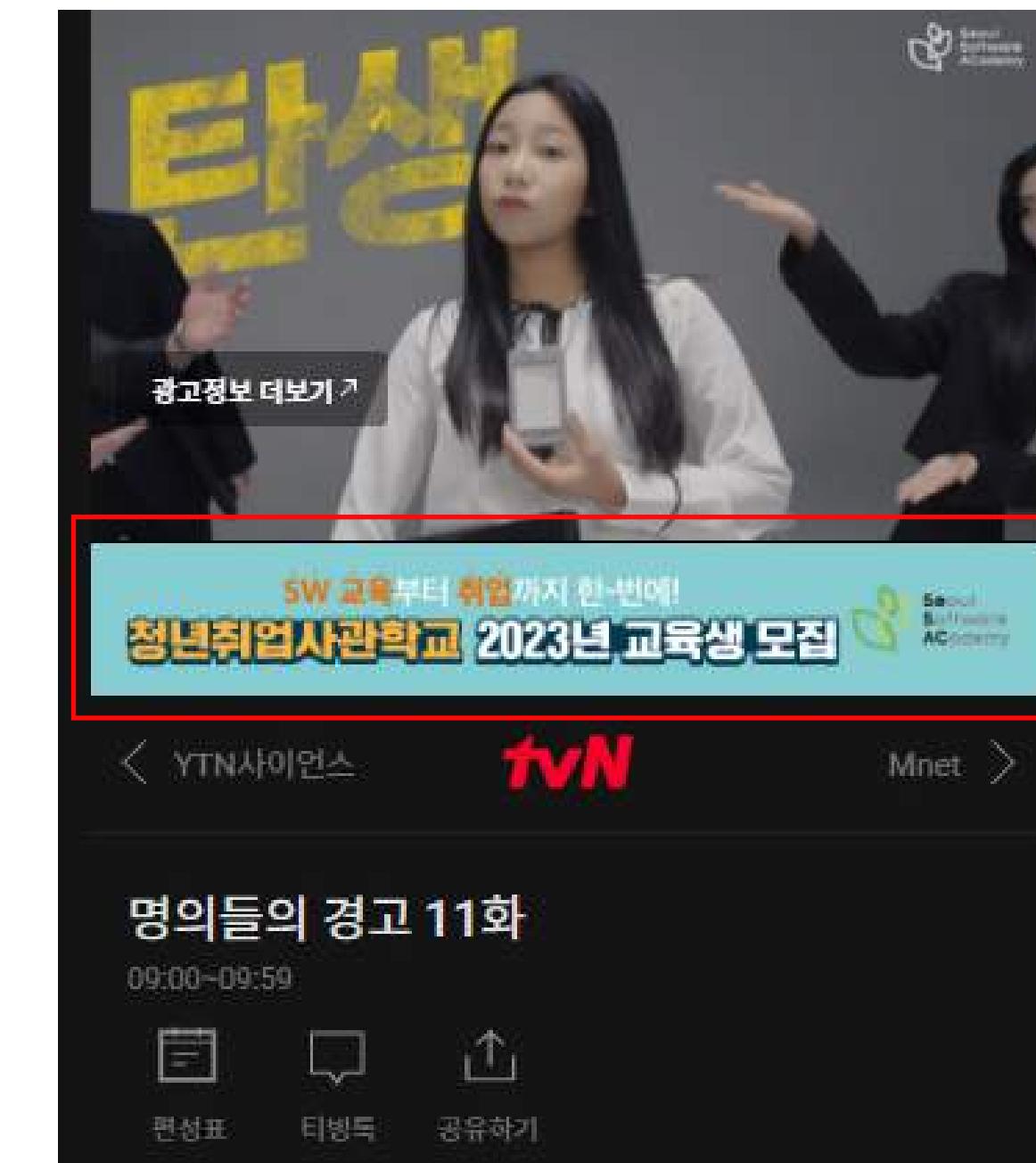


API

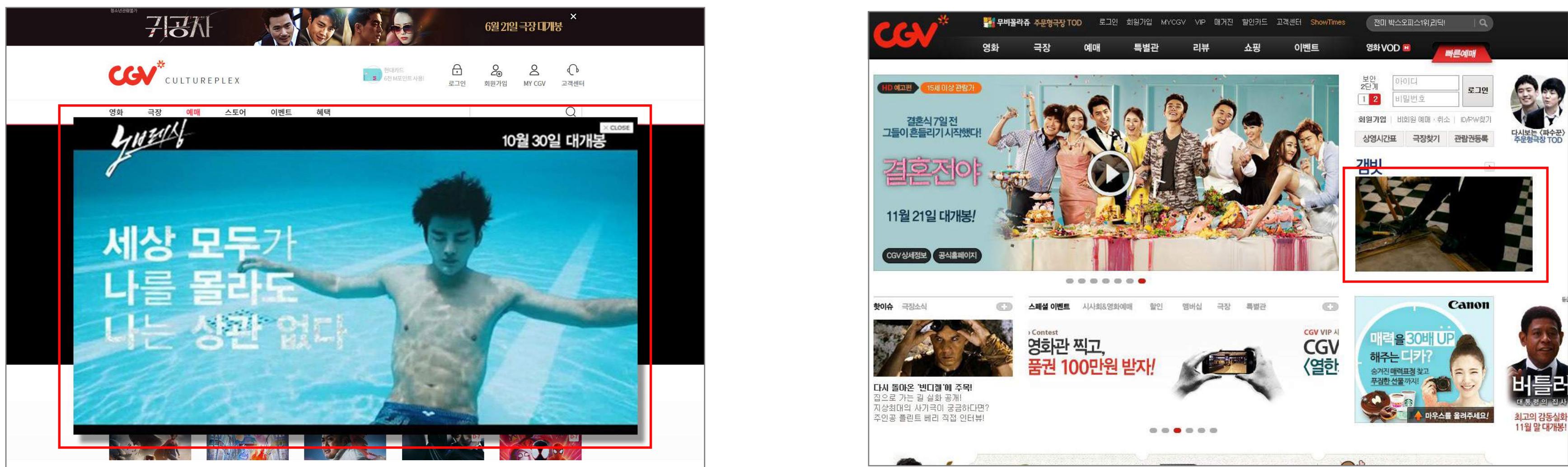




Pre/ Instream (Only Video)



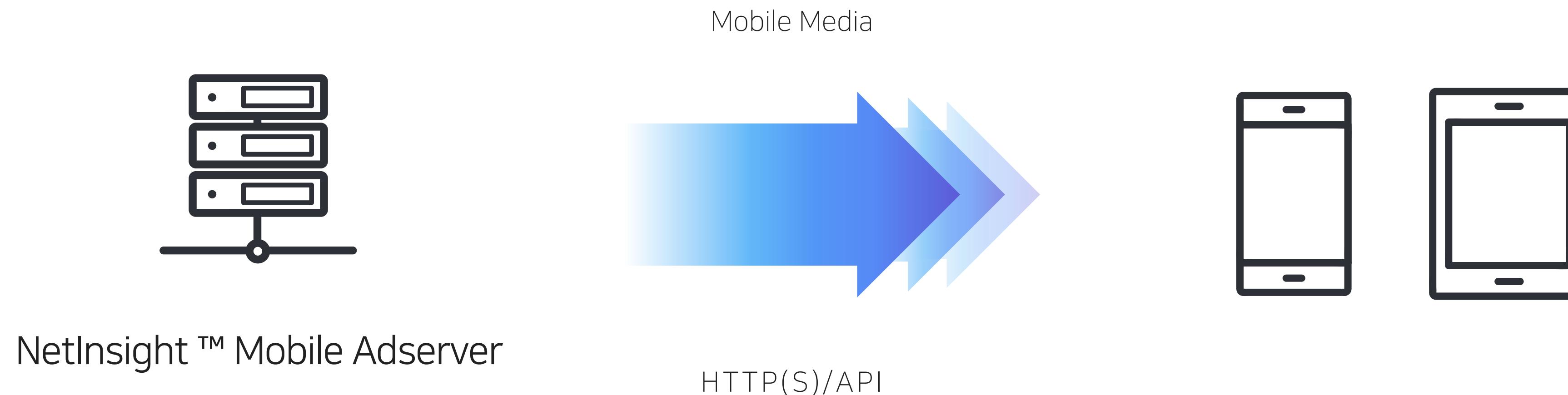
Pre/ Instream (Companion Banner)

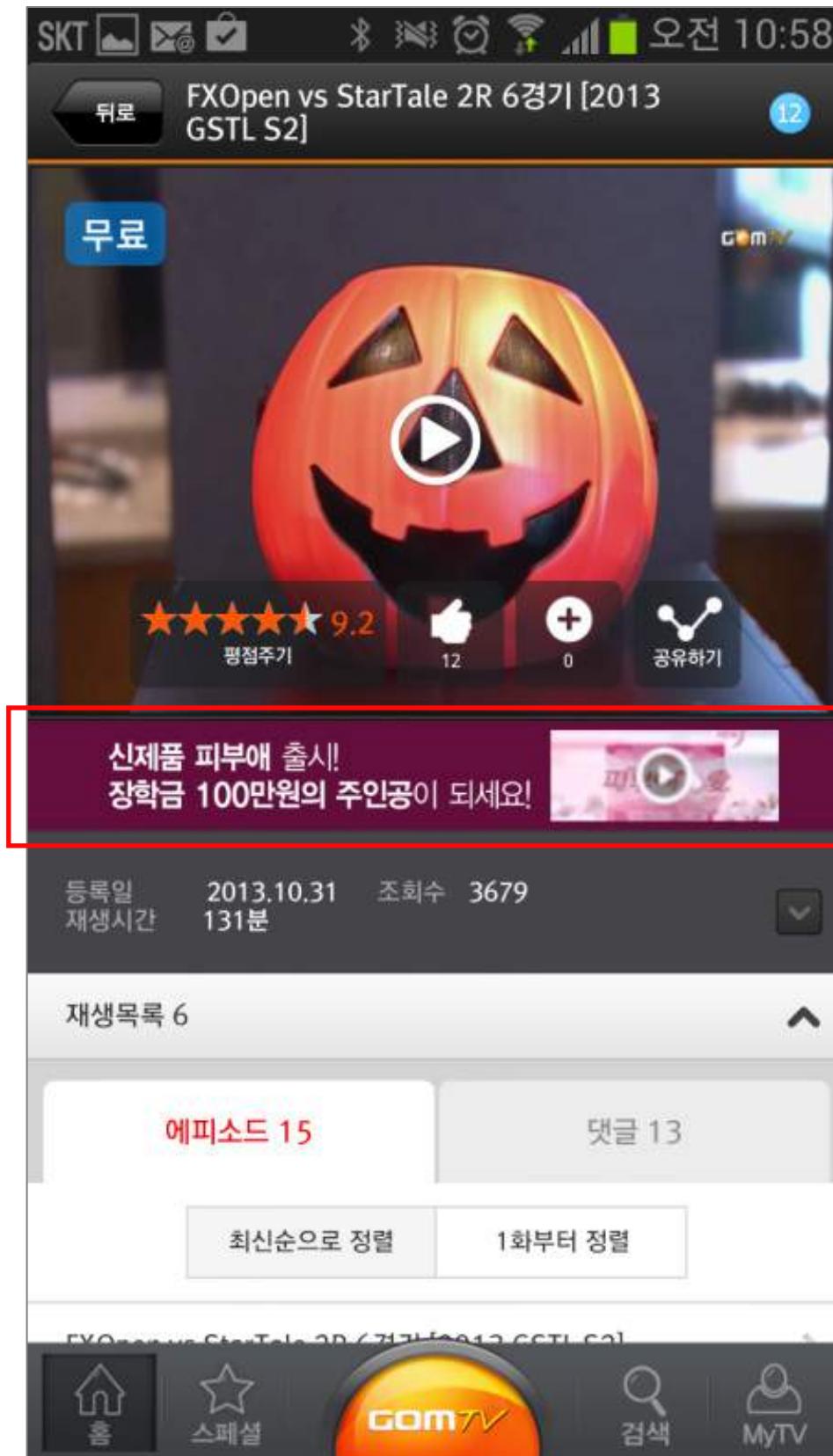


Floating Video

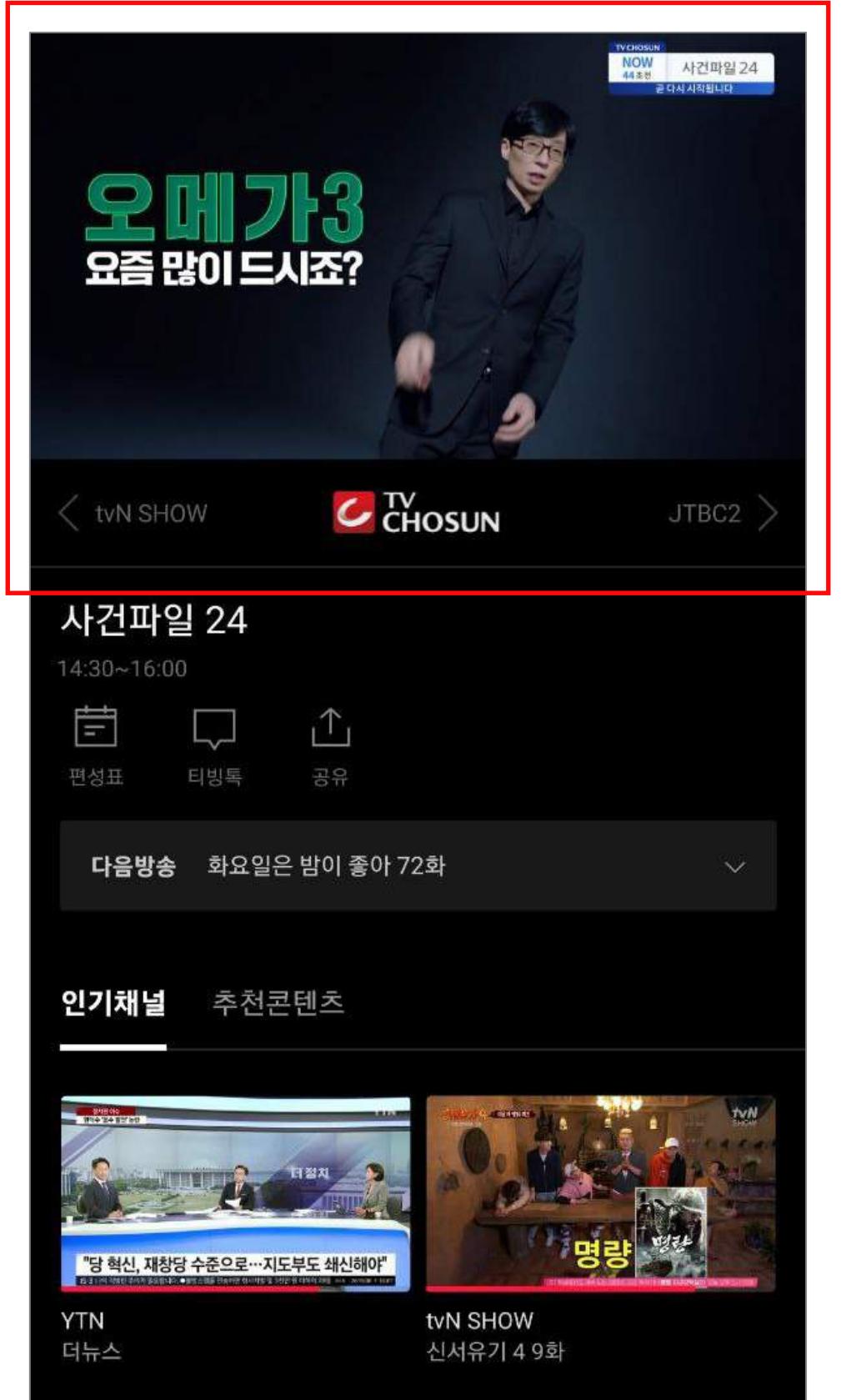
Outstream
In Banner Inventory

API support if In-App Ad (iOS, Android)
Provides report based on actions towards Ads
(Moving to webpage, App store, In-App connection, etc.)

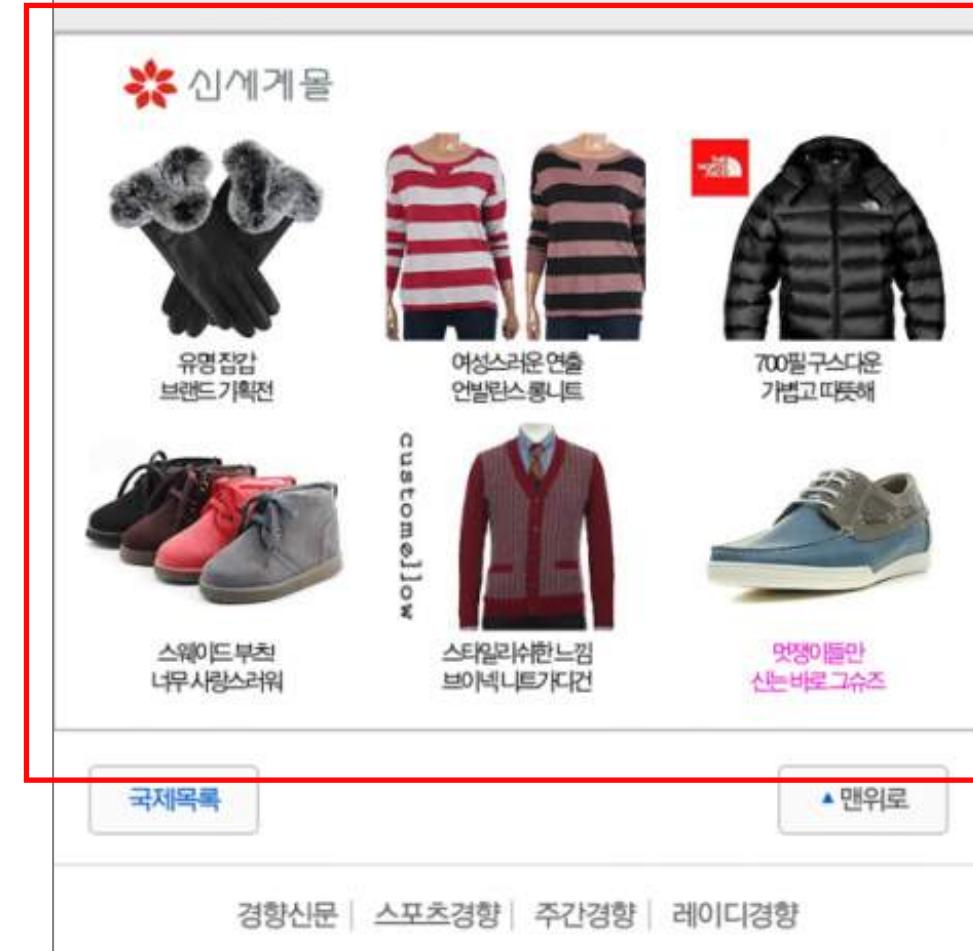
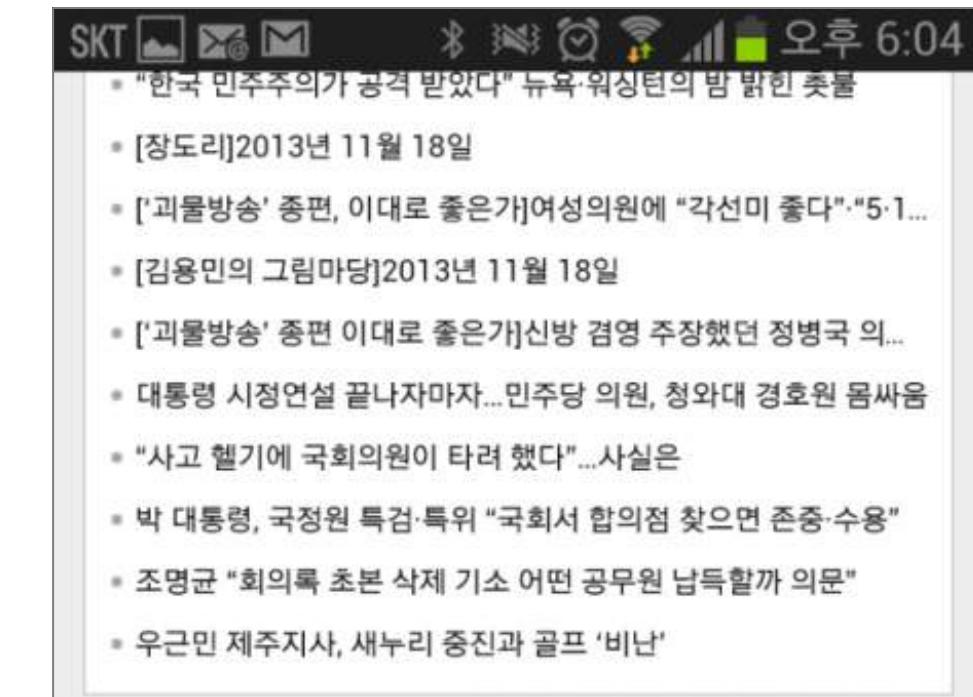




Mobile App / Web Banner



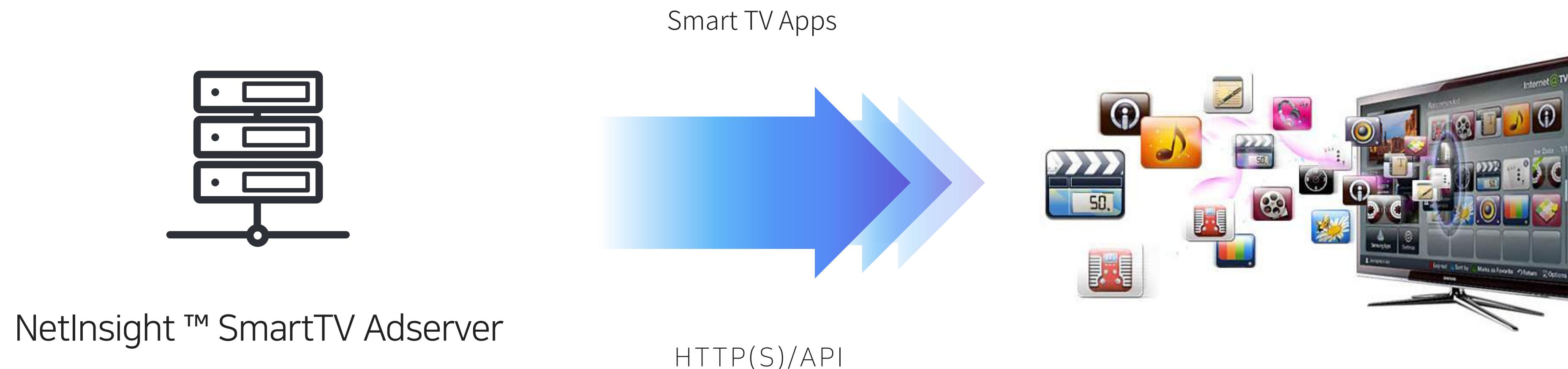
Mobile Video



Network

Provides 'Smart TV Apps - Ads' Linkage API and ads
Supports detailed targeting using information from Smart TV system
Possible to have various form of actions when clicking ads

(Smart TV browser activation)



CTV



Banner in TV App

Click



Redirect to
Advertiser's Website



Open Brand App



Full Size Ads



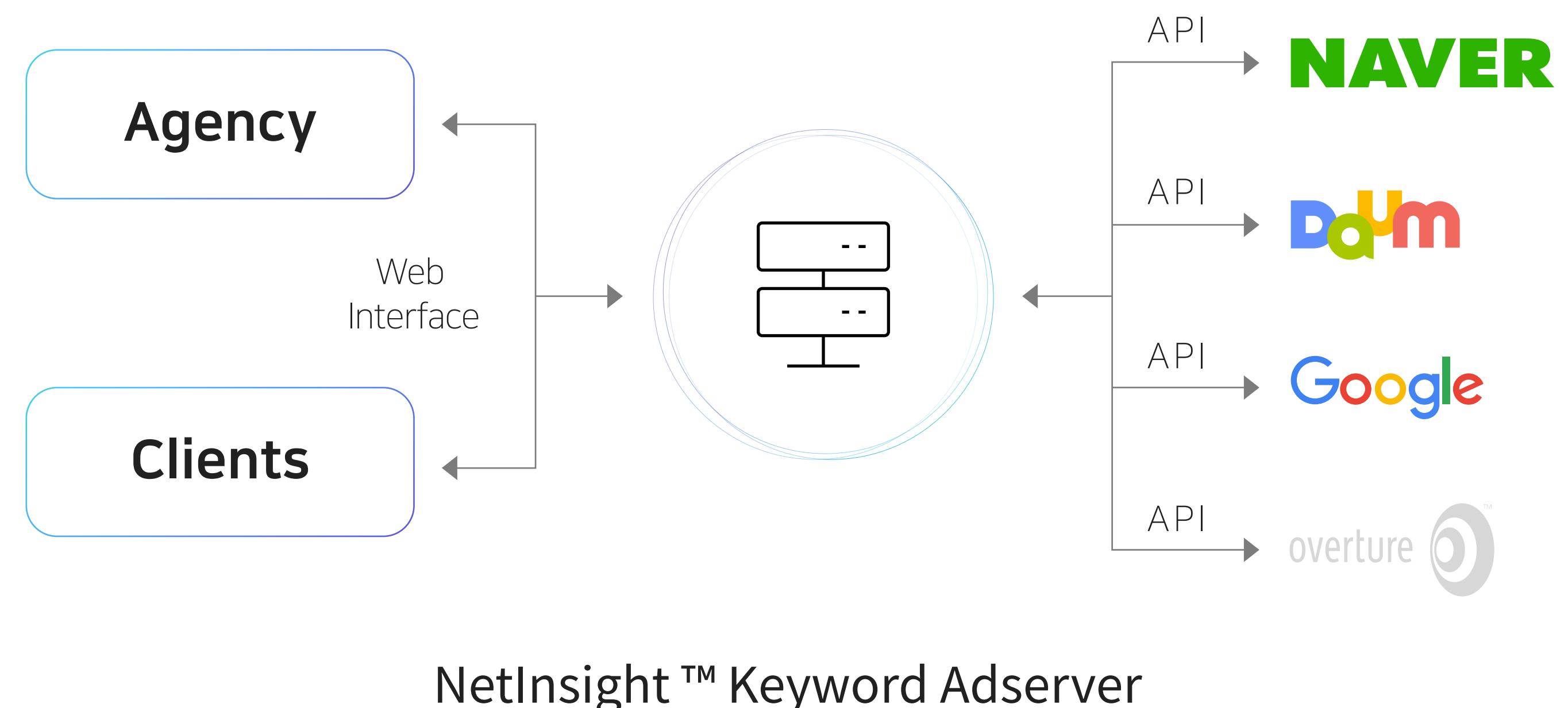
Play Video

Integrated Search-Ad accounts management system

for agencies using APIs from Naver, Daum, Google, etc.

Campaign Management

- Provides UI for integrated media management
- Campaign/Ad Group/Keyword-based schedule control
- Auto-bidding feature for each keywords
(developed management algorithm for each media)
- Auto-sends optimized reports for each advertisers



Master View

Auto-bid Settings interface showing keyword management and bid strategy configuration.

Auto-bid Settings

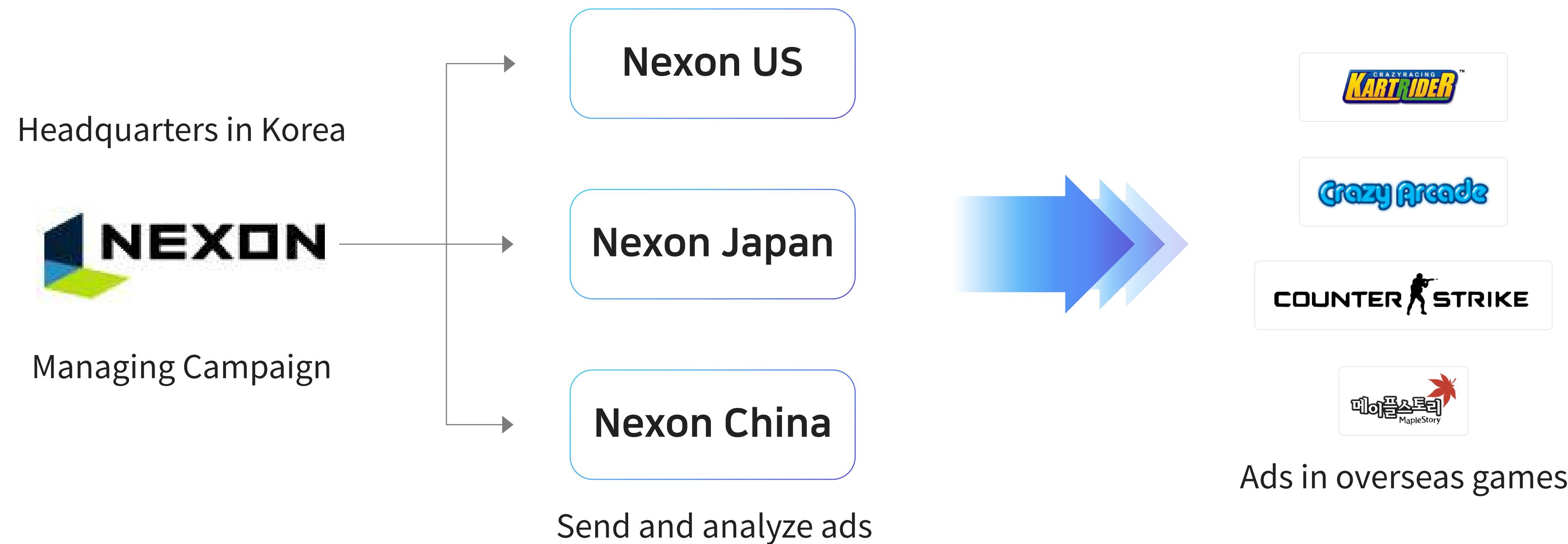
Account Scheduling (Campaign, Ad Group, Keyword) interface showing a detailed schedule for a specific keyword across a month.

Account Scheduling (Campaign, Ad Group, Keyword)

Platform Introduction

Global In-Game Ad Platform

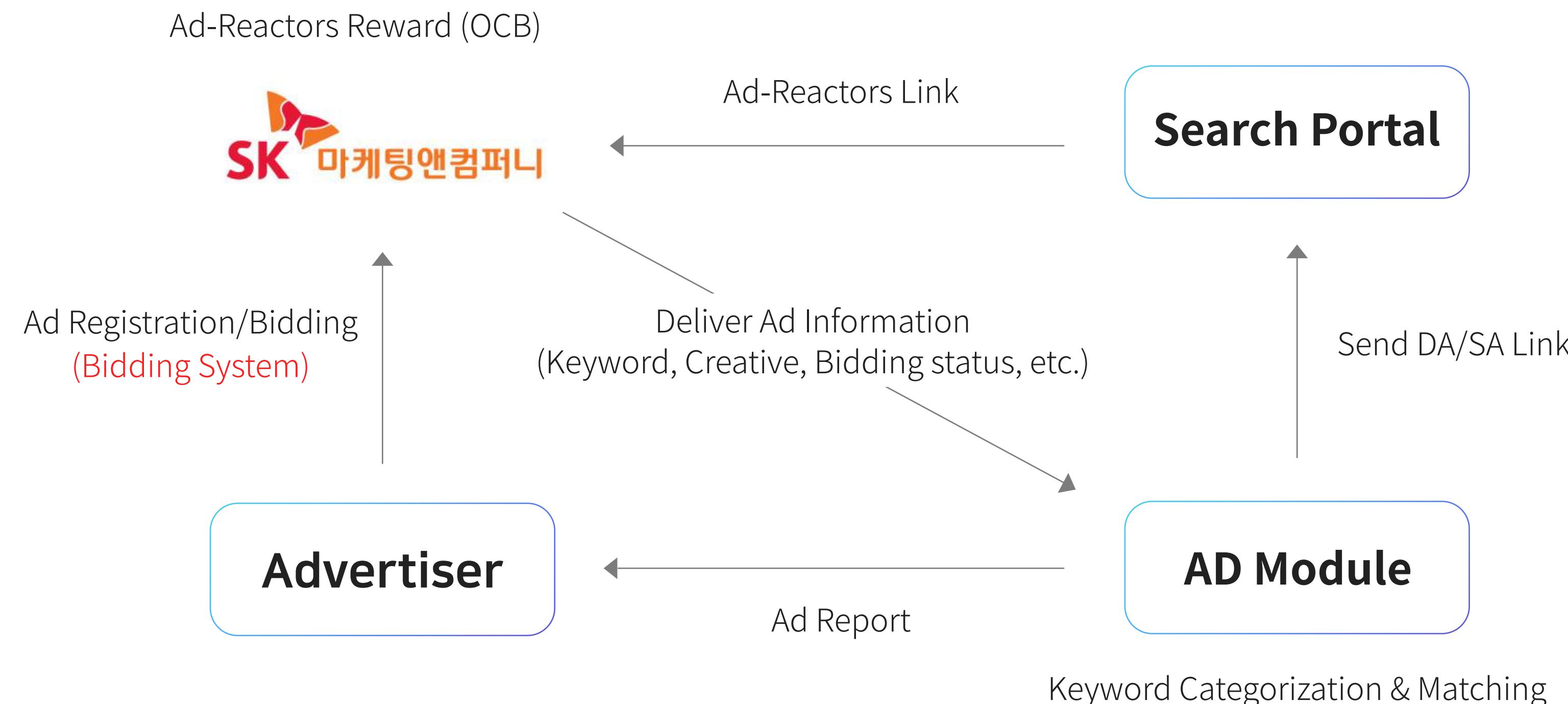
Enhancement of efficiency in management and reduction of sending risk through 'In-game Ad platform' development which operates Ad services to US, Japan, and China





Ad Marketplace Platform

Integrated Platform which links OCB customers/points and DA/SA



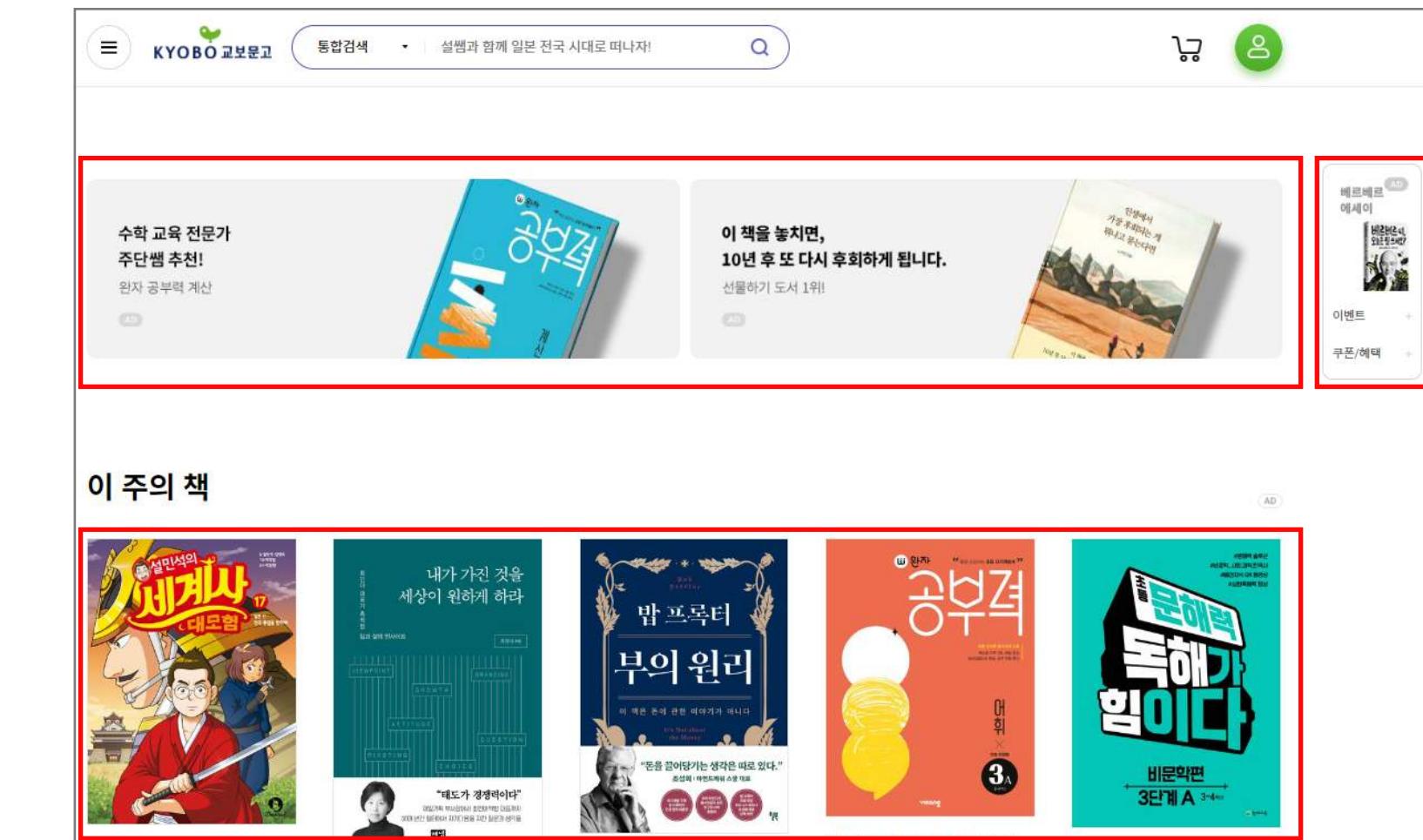
Platform Introduction

In-Store Ad Platform

Ad Platform for sellers in a mall (Interlinking Ad registration and shopping process)



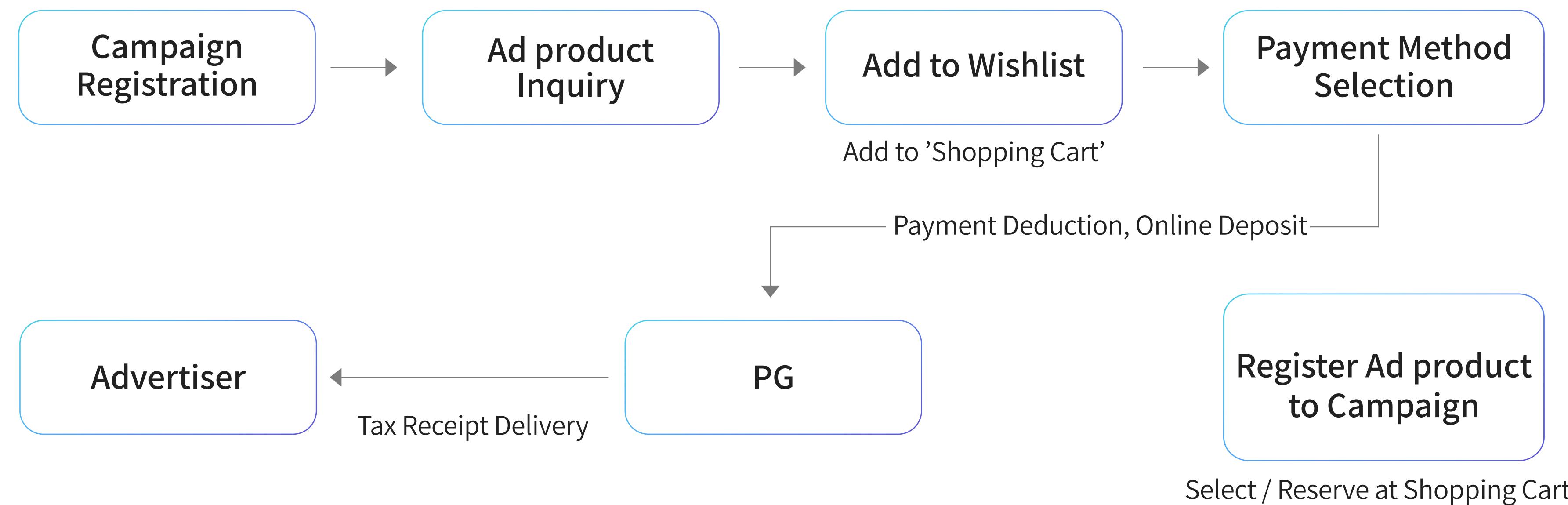
Register publication at Ad center (Self Service UI)



Expose at Ad inventory

Ad - Purchase Process

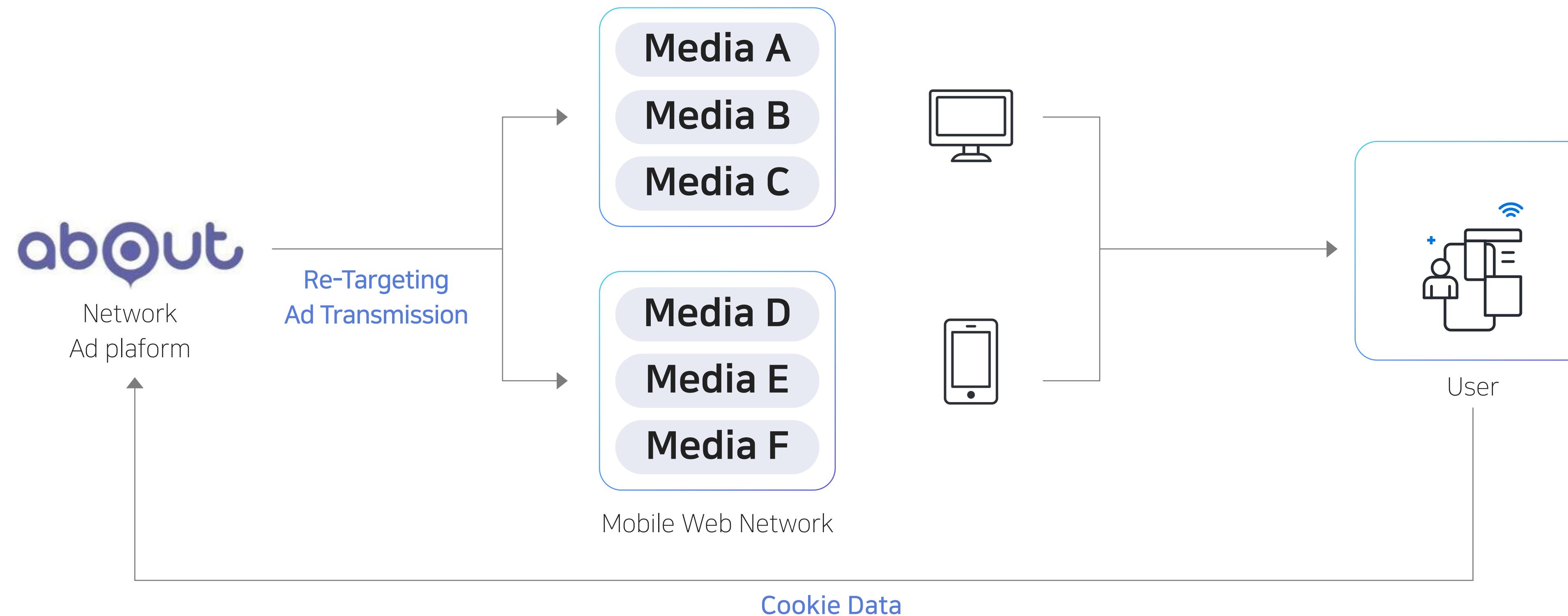
Advertiser's direct purchase of Ad products (similar as shopping process at malls)





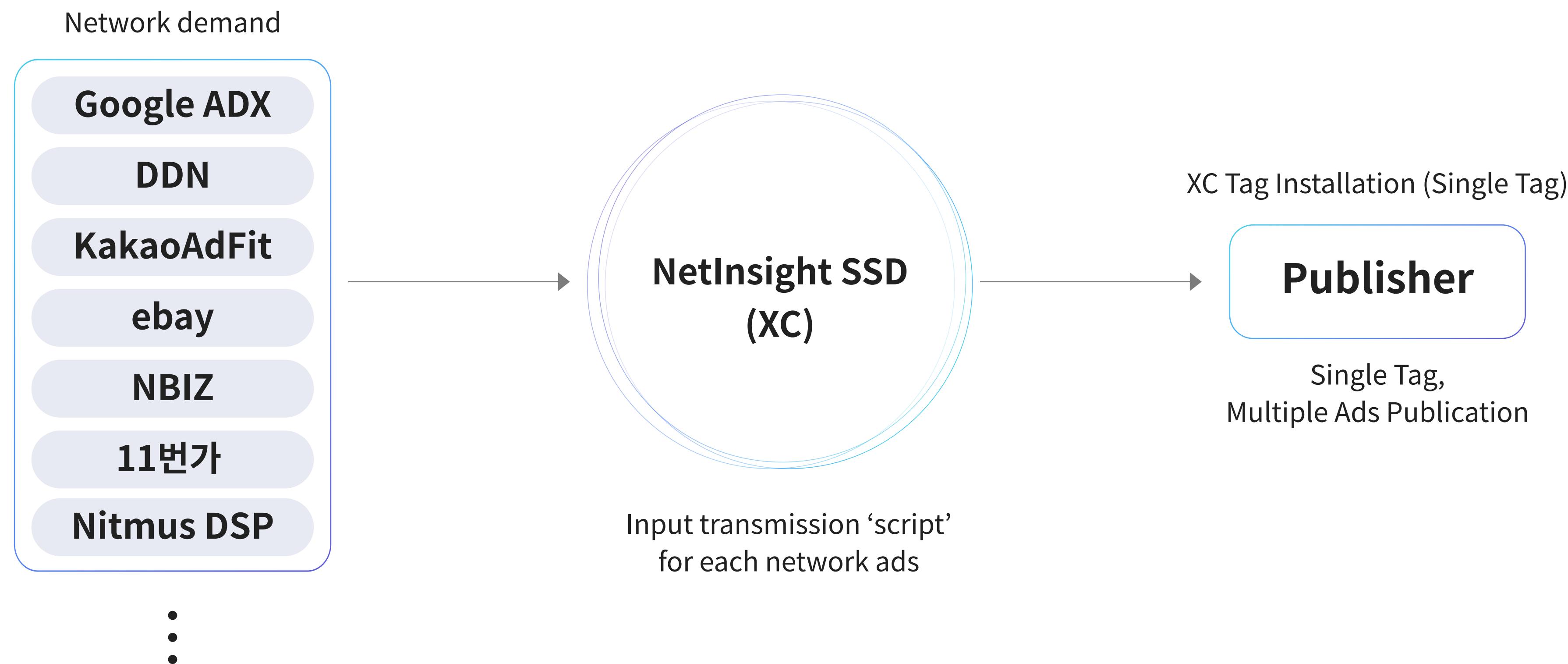
Retargeting Ad Platform

Ad transmission system based on users' action (Re-Targeting, Creative Optimization)



Platform Introduction

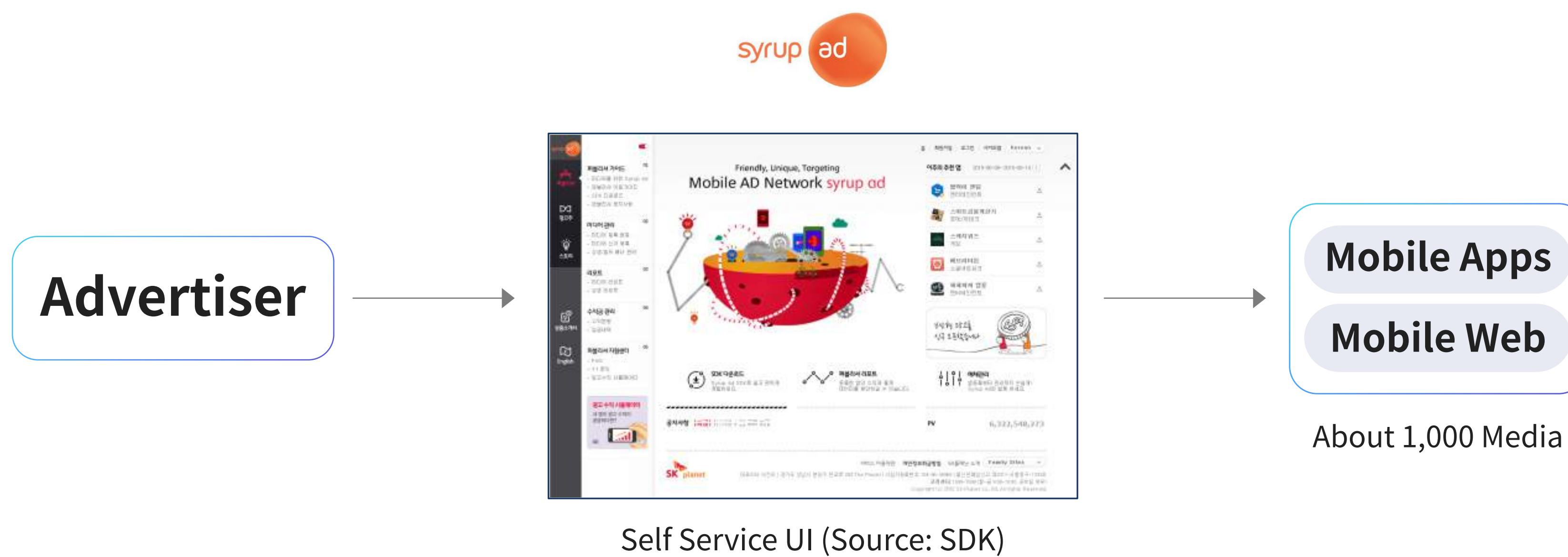
Supply Side Platform for publisher's profit maximization



Platform Introduction

Mobile Ad-integrated Platform (SK Planet)

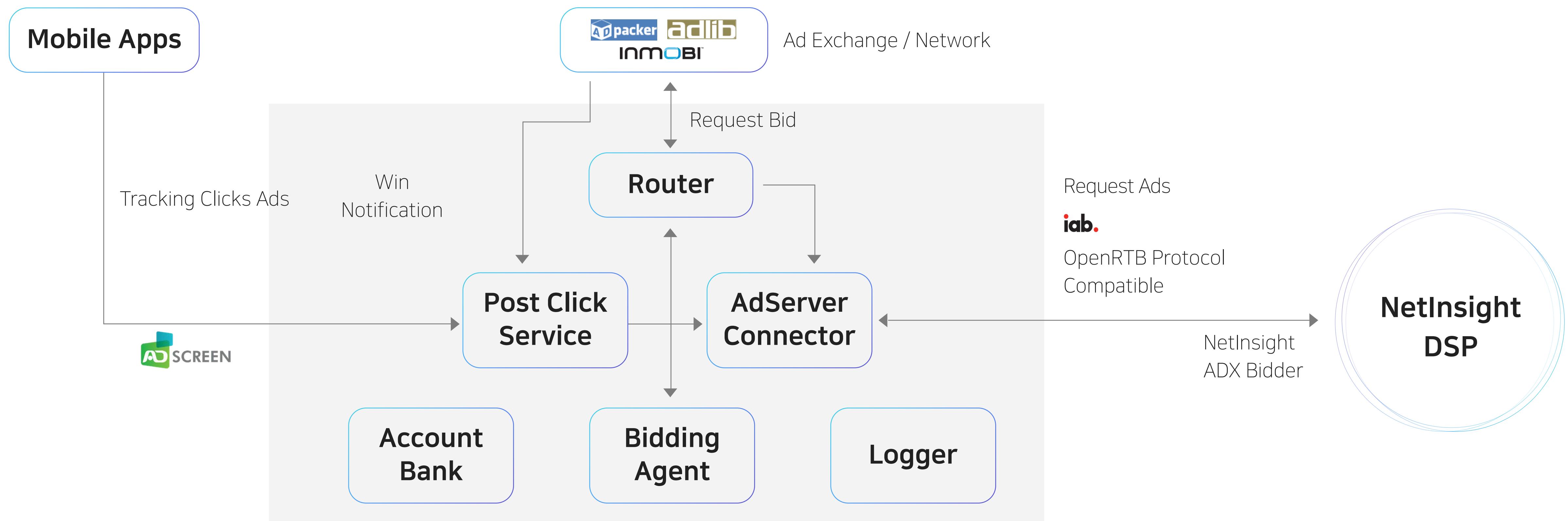
Largest 'Mobile Ad Network' in Korea



Platform Introduction

Mobile Ad-integrated Platform (Mable)

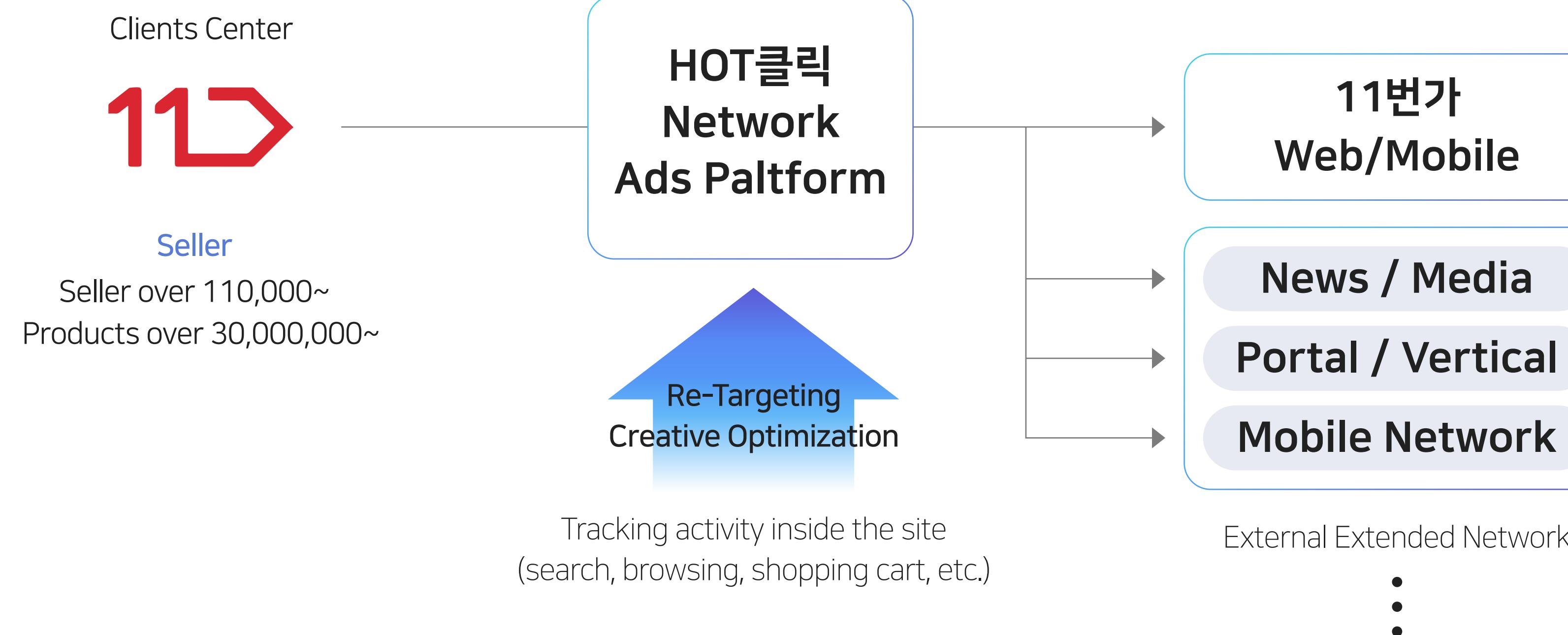
Real-time bidding platform through media/ad size/unit cost analysis using impression as a unit



Platform Introduction

Platform Overview

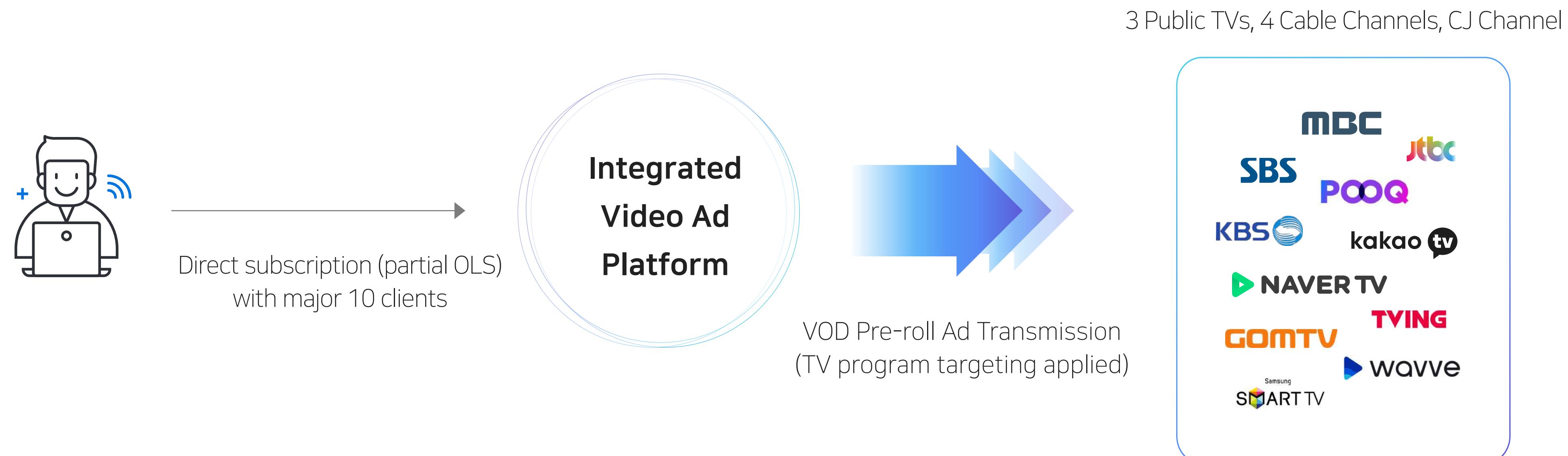
Developing an external media network advertising platform for sellers on 11번가(*Client)



Platform Introduction

Channel-Integrated Digital Video Ad Platform

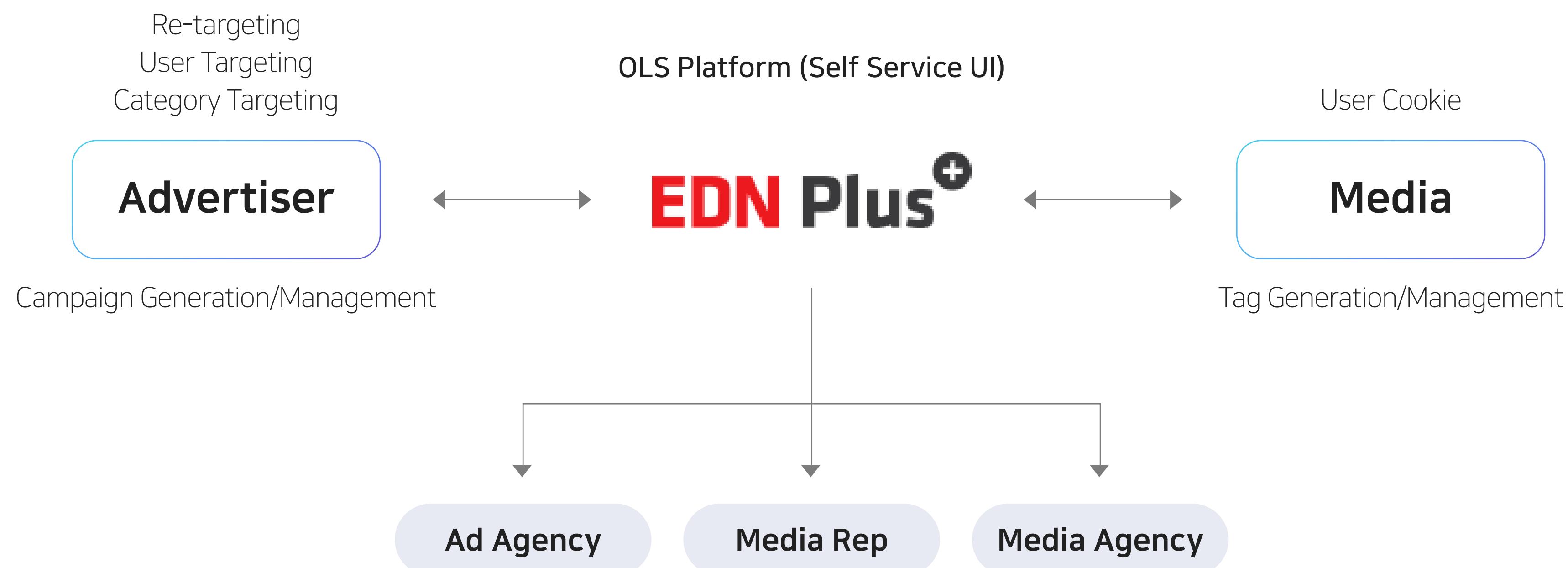
Multiple-channel Web TV/Mobile/TV - integrated Video Ad platform





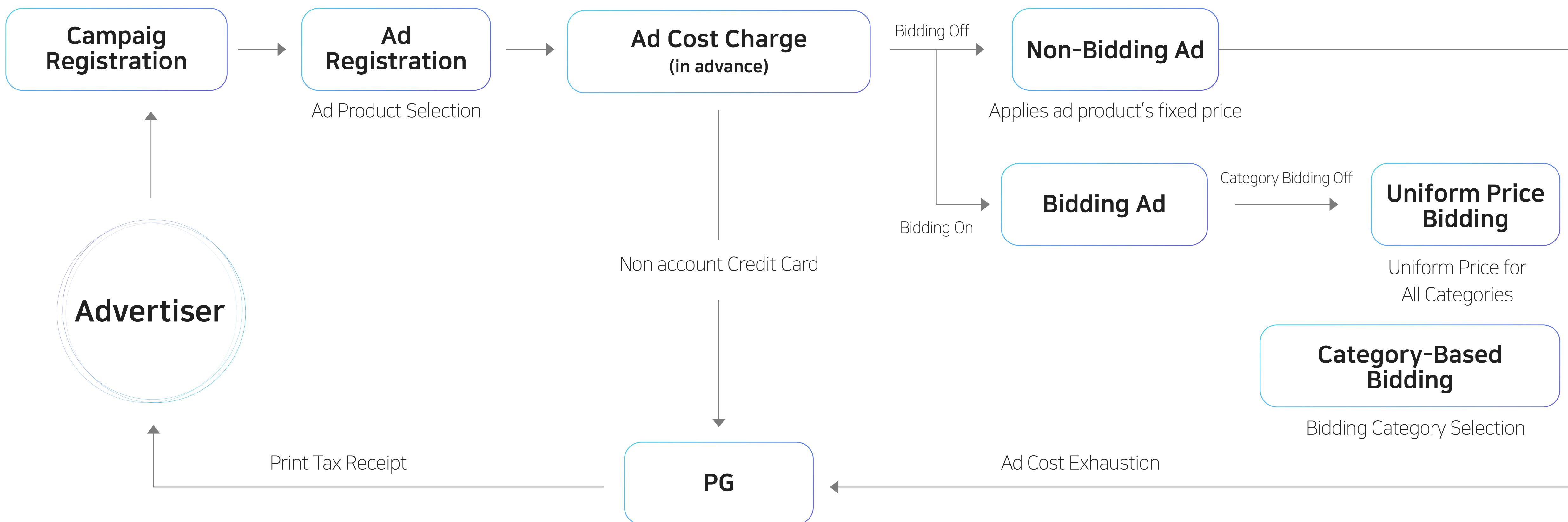
Integrated Retargeting OLS Platform

OLS integrated platform at retargeting network platform
Extended Ad Ecosystem Basis



Bidding Proces

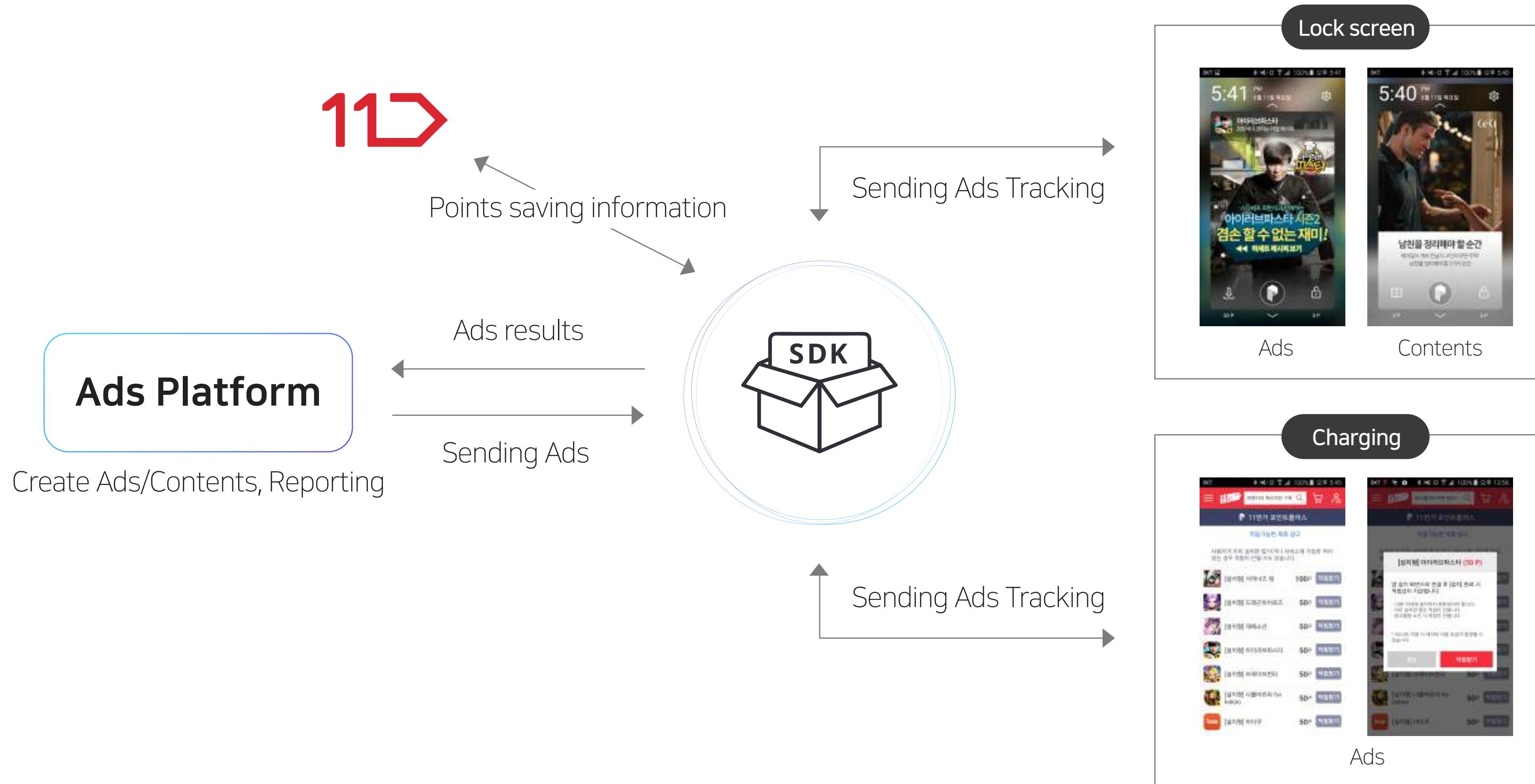
Uniform price or custom price (for each category) setting for ‘biddable’ Ad product



Platform Introduction

Smartphone Lock Screen Ad Platform

Reward-based Ad platform for Smartphone lock screen linked with shopping point

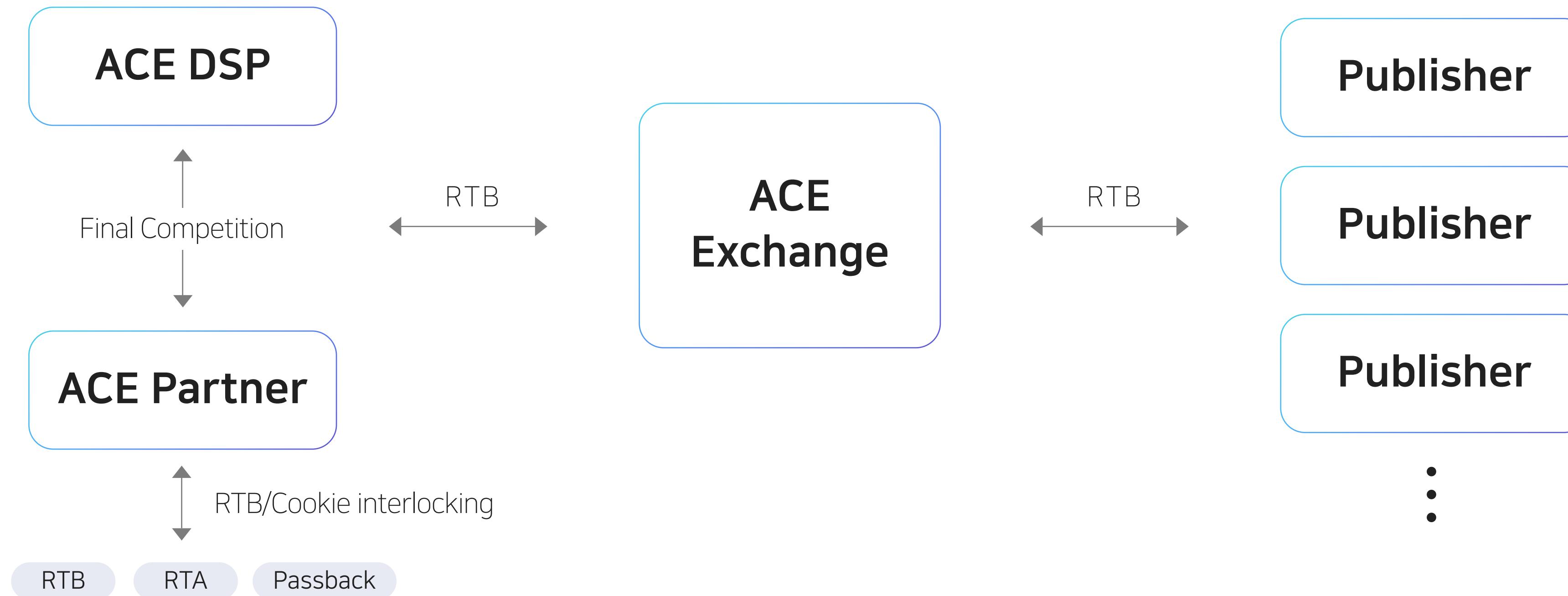


Platform Introduction

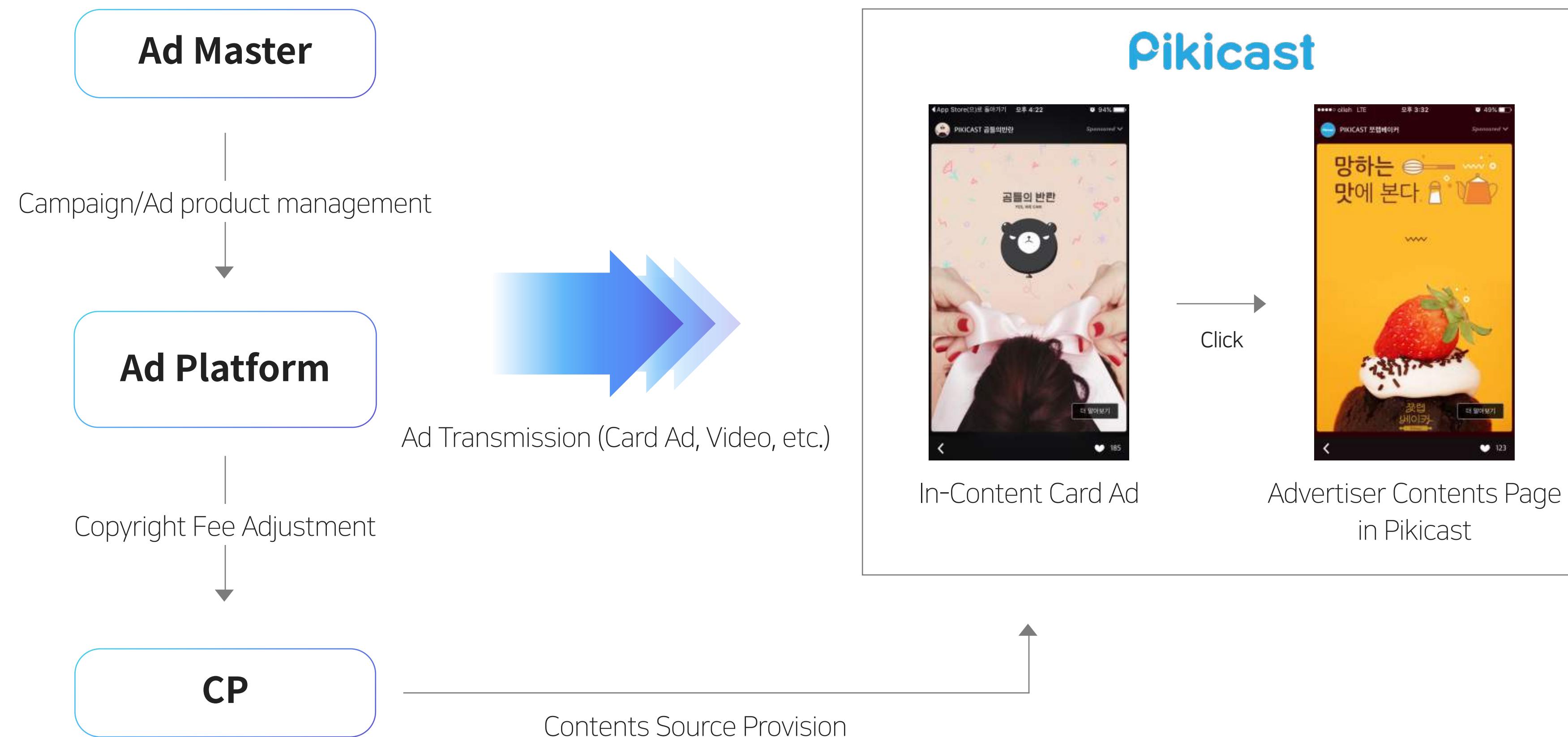
Ad Exchange Platform

Ad Exchange platform which allows RTB

ACE Exchange Direct Clients



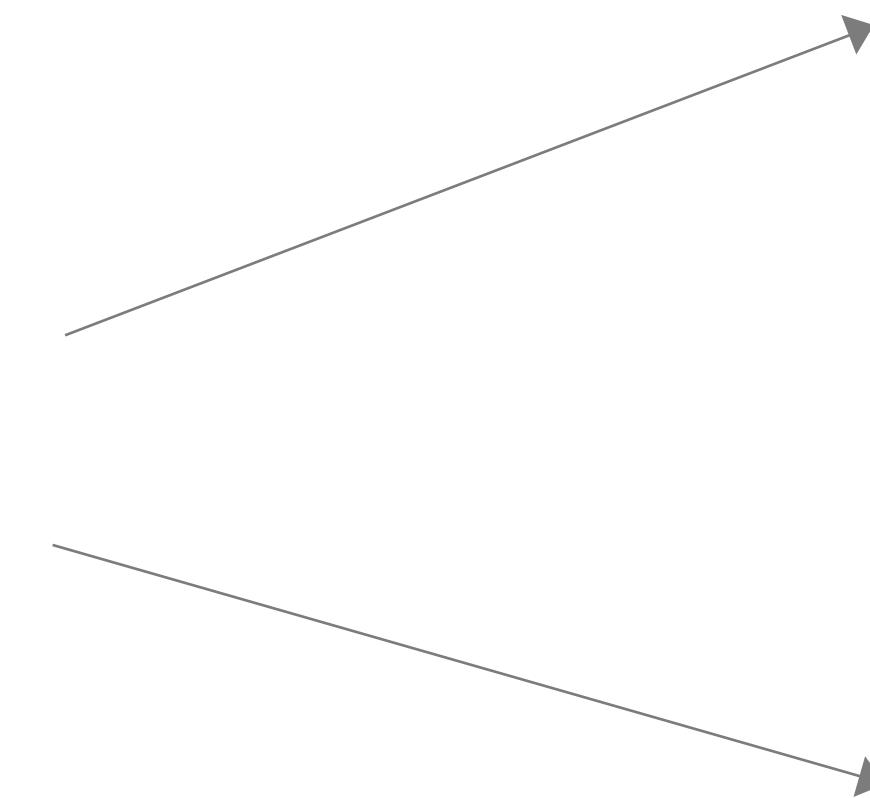
'In-link' formed Native AD Platform



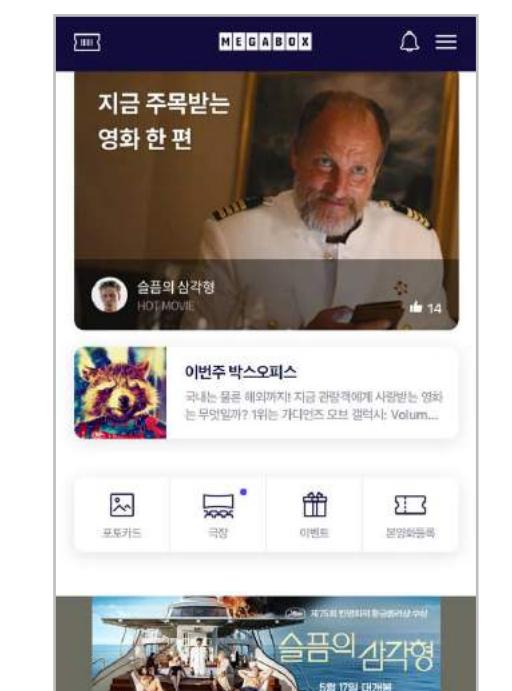
One Platform(SSO), Multiple Channel/Device Ad Management



Integrated
Ads Platform



PC Web (Pre-roll)



Mobile App.
(banner)



Mobile Web
(Pre-roll)

Various Analysis Service Provision

Trend Report, Pre-generation Report, Signal EDA, Segment-based Comparative/Cross Analysis



Trends Report

- Analysis Data Trends

Pre-Set Report

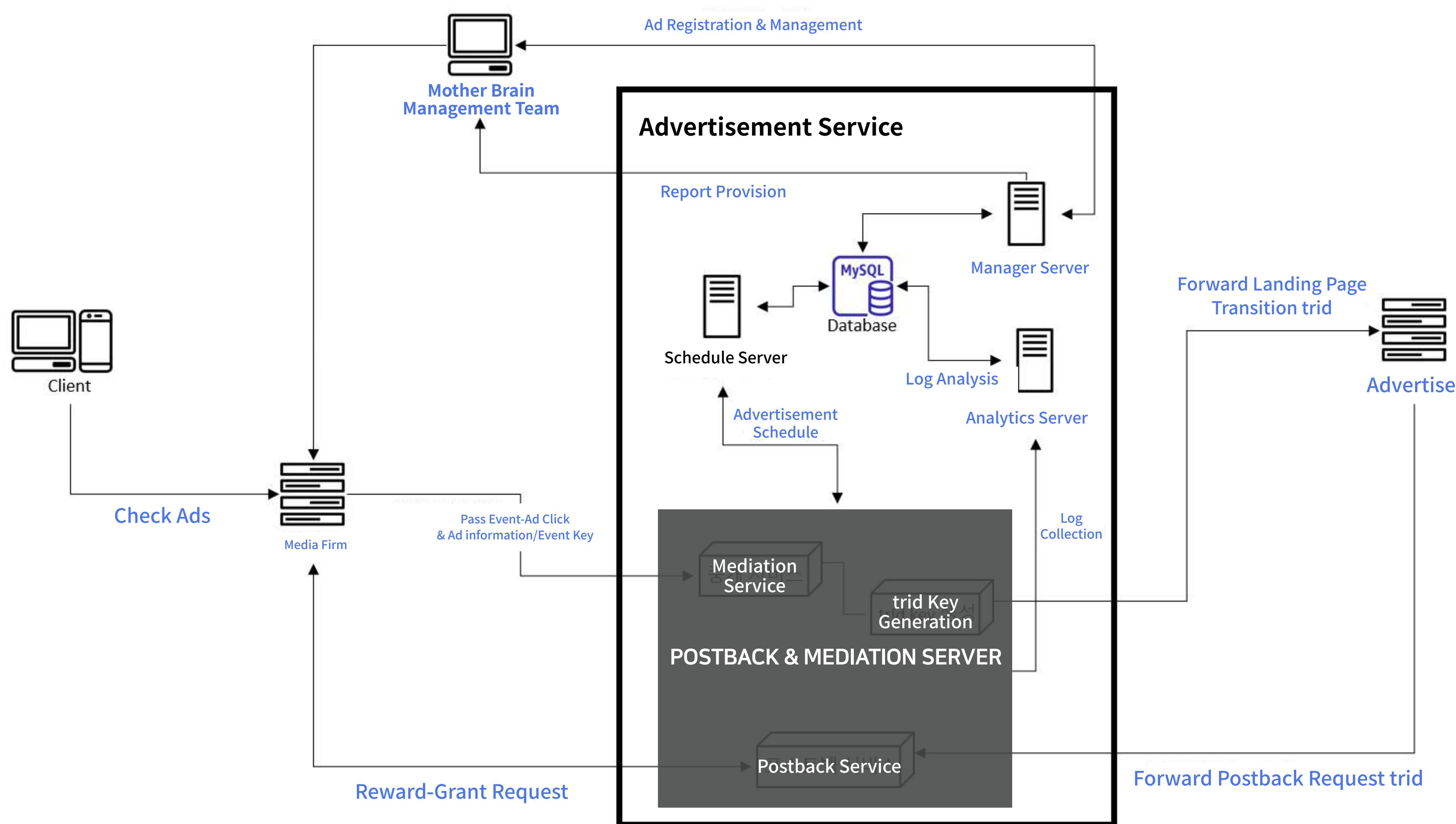
- Analyze in Diverse Segments Characteristics

Cross & Comparative Analysis

- Analysis segment

Signal EDA

- Analysis data in Multiple Angles



Appendix

Introduction to Nitmus Solution

Stability	System	Diverse media categories System Stability (Proven for 20 years)
	H/W Load	Minimized hardware load by employing appropriate programming language
	Security	Enhanced security management through separating Admin and Front
Extension	Media	“One Platform, Multi Media” Multi Media management through interlinking various Nitmus solutions
	System	System extension facilitated by complete Parallel Structure Design Performance extension in proportion to ‘scaling-out’ a server
	Global	Feasibility of global extension through Multi-Module Architecture
Simplicity	Ad Tags	“One Tag, Multi Ad” Concise page source – Enhanced efficiency in Ad management (Improvement in processing speed, Reduction in errors)

Advanced Inventory Control & Demand Prediction

- Real-time Impression-per-minute calculation
- Scheduling, Frequency control features
- Baseline for Setting Budget
- Anomaly Detection: Snapshot



Flexible & Precise Targeting

- System Targeting
- IP Targeting
- Database Targeting
- Keyword Targeting
- Audience Targeting
- Category Targeting
- Retargeting



Exact & Detailed De - Facto - Standard Report

- Real-time hourly reporting offer
- Using Execution Result's evaluation standard
- CTR, CPR, Reach, ROI Reporting (for each site/ad)
- Automated Notification based on Campaign Progress
- Video-based Reporting



Response to Diverse SFX Advertisements & Anomaly Detection

- Flexible response to every local & international SFX Advertisements
- Multi-Click feature
- Multiple creatives & banner designation
- Complete re-enaction & analysis with "Snapshot" tracking in case of anomalies



Scheduling

“Impression-per-minute” Calculation Method (Korea-First)
Considers Weighted Factors (Day/Inventory Basis)

Constant Impression during Campaign Execution Period
Reaches to Target Impression stably

Formula :
$$\frac{\text{Target Impression} - \text{Sent Impression}}{\text{Campaign Duration (Converted in Minutes)}} \times \text{Weighted Value (Inventory)} \times \text{Weighted Value (Day)}$$

Weighted Value (Inventory) : Proportional value of each inventory's impression
(Impression statistics for each inventory in recent 1 month)

Weighted Value (Day) : Proportional Value of each pages' daily impression
(Impression statistics for each page in recent 1 month)

모바일 인하우스_6월_등록

캠페인 등록		광고 등록	소재 등록
캠페인명	모바일 인하우스_6월		
광고명 *	모바일 인하우스_6월		
광고 구분 *	DA		
광고 목표 *	목표 노출		
집행 기간 *	집행 기간은 조건에 따라 하위 모든 소재의 기간 00:00 ~ 00:00		
상품 불러오기 *	Q. 닷컴 유형 DA 닷컴		
광고비 *	10,000,000		
보장 물량 *	2,000,000		
목표 물량 *	2,000,000		
노출 비중 *	100		
유료 여부 *	유료 무료		
<input type="button" value="취소"/> <input type="button" value="등록"/>			

등행상 광고 등록

광고명* 광고명을 입력하세요. 중복 제작

집행 기간* 00:00 ~ 23:59

광고 예산* 광고 예산을 입력하세요.

광고 일 예산 한도 사용 광고 일 예산 한도를 입력하세요.

메모

상품 선택* 상품명* TVING_15s

구분* 동영상

과금 기준* CPM

스킵 여부 설정 안 함

스킵 시간 -

연결 가능한 소재 길이 15초

임금 여부* 최대 임금가 8,250

CP

제작

프로그램

장르

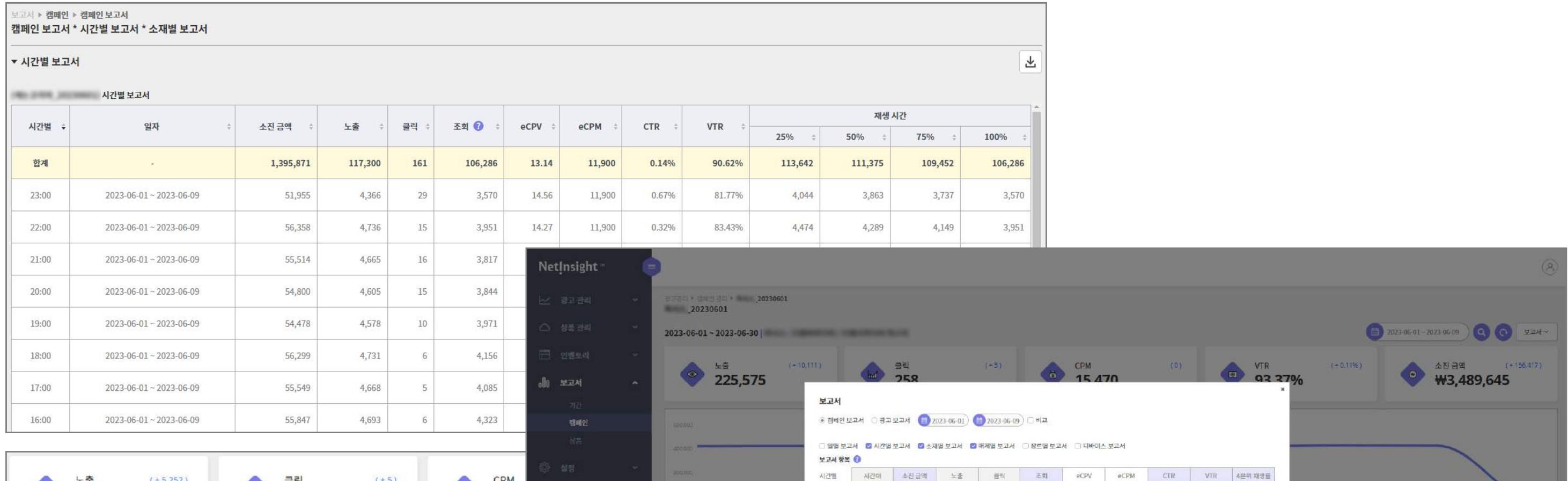
디바이스

요일 / 시간* 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Reporting

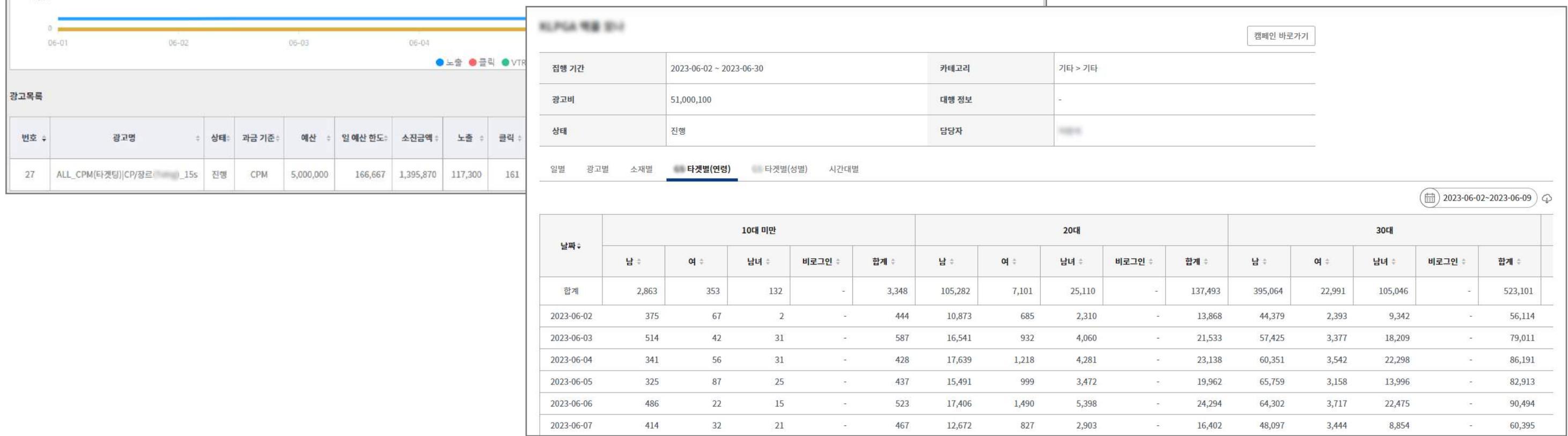
Various Reports

- Diverse data extraction (CTR, CPR, Reach, ROI, etc.)
 - Media, Ads based reports
- Campaign, Agency based reports
 - Various period-based reports
- Contents based view reports (for video)



Hourly Reports

- Report offer for previous 1 hour
- Advertisement execution control through report data and real-time impression / CTR



Targeting

Targeting Type

- System Targeting : Browser, OS, Language, Day-of-the-Week, Time Range
- IP Targeting : ISP based on KRNIC data, Geo-Targeting
 - Designated IP Targeting: Designated IP Range
- DB Targeting : Age / Gender / Region Targeting through syncing media user DB by cookie
 - DMP Sync : Audience Targeting, Category Targeting

Targeting Option Re-Usage

- Re-using used option values into other campaigns
(‘Customized option setup’ feature)

The screenshot shows a targeting configuration interface with the following sections:

- CP 타겟팅:** Includes a search bar, a list of available options (GMAIL, KAKAO, NAVER, LINE, SMS), and a list of selected options (GMAIL, KAKAO, NAVER, LINE, SMS).
- 채널 타겟팅:** Includes a search bar, a list of available options (SMS, EMAIL, KAKAO, NAVER, LINE), and a list of selected options (SMS, EMAIL).
- 프로그램 타겟팅:** Includes a search bar, a list of available options (KAKAO, NAVER, LINE, SMS, EMAIL), and a list of selected options (KAKAO, NAVER, LINE, SMS, EMAIL).
- 장치 타겟팅:** Includes a search bar, a list of available options (PC, MOBILE), and a list of selected options (PC, MOBILE).

At the bottom, there are buttons for '취소' (Cancel) and '수정' (Update).

Ad-Fee Charging

Charging System

- Various charging system available
- CPM : Cost per 'Miles' (Impressions)
 - CPC : Cost per 'Click'
 - CPP : Cost per 'Period'
 - CPV : Cost per 'View'
- CPA : Cost per 'Achievement'

Sales Management

- Performance management based on media / context
 - Daily/Monthly performance review
 - Automated performance report generation & download

■ 매출세금계산서 현황
■ 전체 29개의 청구 건이 등록되어 있습니다.

번호	캠페인명	광고주	거래 포함	청구서	구분	사업자 번호	청구일	청구금액	청구액 변경	청구구매	판결사유	변경ID	변경일	계산서 보기				
29	2020년도_제4분_광고제작	광고주A	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
28	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주B	법인	20200301_20210301	법인	202103	19,000,000	19,000,000	-	-	-	-	-	0				
27	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주C	법인	20200301_20210301	법인	202103	55,000,000	55,000,000	-	-	-	-	-	0				
26	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주D	법인	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
25	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주E	법인	20200301_20210301	법인	202103	4,560,000	4,560,000	-	-	-	-	-	0				
24	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주F	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
23	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주G	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
22	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주H	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
21	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주I	법인	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
20	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주J	법인	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
19	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주K	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
18	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주L	법인	20200301_20210301	법인	202103	3,000,000	3,000,000	-	-	-	-	-	0				
17	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주M	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
16	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주N	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
15	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주O	법인	20200301_20210301	법인	202103	8,500,000	8,500,000	-	-	-	-	-	0				
14	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주P	법인	20200301_20210301	법인	202103	30,000,000	30,000,000	-	-	-	-	-	0				
13	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주Q	법인	20200301_20210301	법인	202103	10,500,000	10,500,000	-	-	-	-	-	0				
12	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주R	직거래	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
11	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주S	법인	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
10	제4분_제5분_제6분_제7분_제8분_제9분_제10분_제11분_제12분_제13분_제14분_제15분_제16분_제17분_제18분_제19분_제20분_제21분_제22분_제23분_제24분_제25분_제26분_제27분_제28분_제29분	광고주T	법인	20200301_20210301	법인	202103	0	0	-	-	-	-	-	0				
합계													130,560,000	130,560,000				
20													<	<	1	2	>	>

Monitoring

Impression Forecast System

- Compares Current & Target Impression
- Provides Reach Prediction for designated / closing Date
 - Provides over & under impression status

Auto Alert

- Auto notification in case of target attainment failure threats
 - Email notification from scheduler server

Auto Modification of Impression Status

- AJAX deployment
- Automatic renewal without refreshing
 - (like billboards in stock markets)

모니터링 정보											
* 지연에 등록되어 있는 광고에 대한 요약 정보 확인 합니다.											
번호	광고명	광고 타입	시작일자	종료일자	분당목표량	목표량 (도달률)	지연 노출	총노출	잔여 목표량	기간 도달률	상태
2283	2021-01-01 ~ 2021-01-31	CPT	2020-08-01	2021-12-31	0	0 (0.00%)	143,928	143,928	0	44.10%	-
3039	2021-01-01 ~ 2021-01-31	CPM	2021-03-01	2021-03-31	0	3,045,455 (51.49%)	1,568,008	1,568,008	1,477,447	53.08%	▼
2755	2021-01-01 ~ 2021-01-31	CPM	2021-03-01	2021-03-31	0	1,346,867 (53.22%)	715,145	716,729	629,938	53.08%	▲
3010	2021-01-01 ~ 2021-01-31	CPM	2021-03-01	2021-03-31	0	5,860,000 (53.23%)	3,005,767	3,012,904	2,647,096	53.08%	▲
2570	2021-01-01 ~ 2021-01-31	CPT	2020-10-27	2021-12-31	0	0 (0.00%)	4,759,015	4,760,266	0	32.82%	-
2572	2021-01-01 ~ 2021-01-31	CPT	2020-10-27	2021-12-31	0	0 (0.00%)	3,970,645	3,971,902	0	32.82%	-
2574	2021-01-01 ~ 2021-01-31	CPT	2020-10-27	2021-12-31	0	0 (0.00%)	3,832,973	3,834,234	0	32.82%	-
2707	2021-01-01 ~ 2021-01-31	CPT	2020-11-25	2021-12-31	0	0 (0.00%)	2,666,224	2,657,466	0	27.97%	-
2708	2021-01-01 ~ 2021-01-31	CPT	2020-11-25	2021-12-31	0	0 (0.00%)	3,176,812	3,177,998	0	27.97%	-
2709	2021-01-01 ~ 2021-01-31	CPT	2020-11-26	2021-12-31	0	0 (0.00%)	3,325,064	3,326,287	0	27.79%	-
2750	2021-01-01 ~ 2021-01-31	CPT	2020-12-10	2021-12-31	0	0 (0.00%)	2,285,175	2,286,445	0	25.18%	-
2781	2021-01-01 ~ 2021-01-31	CPT	2021-01-01	2021-06-30	0	0 (0.00%)	1,869,828	1,861,100	0	41.69%	-
2578	2021-01-01 ~ 2021-01-31	CPT	2020-11-02	2021-12-31	0	0 (0.00%)	14,667,590	14,670,396	0	31.87%	-
2727	2021-01-01 ~ 2021-01-31	CPT	2020-11-27	2021-12-31	0	0 (0.00%)	12,362,927	12,366,836	0	27.61%	-
2744	2021-01-01 ~ 2021-01-31	CPT	2020-12-04	2021-12-31	0	0 (0.00%)	7,754,244	7,758,471	0	26.20%	-
2779	2021-01-01 ~ 2021-01-31	CPT	2021-01-01	2021-06-30	0	0 (0.00%)	5,966,499	5,969,422	0	41.69%	-
2579	2021-01-01 ~ 2021-01-31	CPT	2020-10-30	2021-12-31	0	0 (0.00%)	23,269,134	23,263,157	0	32.35%	-
2778	2021-01-01 ~ 2021-01-31	CPT	2020-12-22	2021-03-31	0	0 (0.00%)	10,572,476	10,576,568	0	85.35%	-
2987	2021-01-01 ~ 2021-01-31	CPT	2021-03-17	2021-05-11	0	0 (0.00%)	33,156	37,181	0	0.81%	-
3015	2021-01-01 ~ 2021-01-31	CPT	2021-02-24	2021-04-02	0	0 (0.00%)	2,590,922	2,595,020	0	55.87%	-

Creative

Impression Forecast System

- Supports every existing SFX Ads
- Simple addition of new SFX Ads by employing templates
 - Interquartile rate report (for videos)

Multi-Click

- Allows control for multiple click elements in Ad Creatives (Click Control, Click URL)
 - Supports Multi-Click Reporting

Multiple Ads Placement

- Flexible response based on creative's changes
- Automatic shift of creatives in order based on schedule
 - Maximum 10 multiple advertisement management (extension available)

광고소재 설정

광고주 *	테스트_광고주
광고소재명 *	20180515_테스트_광고주_
광고소재 위치	광고소재 위치를 입력해 주세요.
아이콘	아이콘을 입력해 주세요.
템플릿	이미지템플릿
템플릿 코드 *	<pre></pre>

번호	클릭명	클릭주소
-	CLICK	클릭주소
+ 추가옵션		

수정 **닫기**

광고

번호	광고명 (집행기간)	집행금액	보장량	노출	클릭	CTR	상태
12758	20200723_광고주1_Ads_ 2020-07-23 00:00:00 ~ 2020-08-22 23:59:59	0	0	0	0	0.00%	완료
12759	20200723_광고주1_Ads_copy 2020-07-23 00:00:00 ~ 2020-08-22 23:59:59	0	0	0	0	0.00%	완료

광고소재

번호	광고소재명 (집행기간)	광고명	사이즈	템플릿	상태
10032	20190524_광고주1_ 2020-07-23 00:00:00 ~ 2020-08-22 23:59:59	20200723_광고주1_Ads_	158x44	이미지템플릿	완료
10032	20190524_광고주1_ 2020-07-23 00:00:00 ~ 2020-08-22 23:59:59	20200723_광고주1_Ads_copy	158x44	이미지템플릿	완료

Manager

Web Interface

- Provides same GUI in every web browsers
(Adopts Web Standards technology)
 - Takes advantages of CSS

Shortened loading time by less HTML markup amount)

- Provides 'pull-down menu' system
(Data overview at one-look)
- Minimizes website refresh through AJAX adoption

The screenshot displays the NetInsight Manager web interface. The top navigation bar includes 'NetInsight™', '로그인', '회원가입', and '고객센터'. The left sidebar features a 'Campaign Management' section with '소재 검수', '상품 관리', '인벤토리', '보고서', and '설정'. Below this are sections for '예산 정보', '캠페인 예산', '캠페인 일 예산 현도', '소진 금액', and a '등록' section with '예산' and '번호' fields. The main content area is titled '대시보드' and includes tabs for '광고 관리', '보고서', '인벤토리', '계정', '설정', and '수동 라이브'. The '상품 판매 현황' and '상품 집행 일정' tabs are selected. The '상품 집행 일정' section shows a calendar for June 2023 with various tasks and their due dates. The '대시보드' section also includes a '상품명' and '레이블' table. Below the dashboard, there are four smaller windows showing '주요 키워드' reports for '파워링크/PC', '파워링크/MOBILE', '파워링크/PC', and '파워링크/MOBILE' with graphs of '목표 순위' and '노출 순위' over time.

Others

Data Synchronization

- Scheduler Server – Walker Server
Data sync in every 10 minutes
- Instant sync to Walker (less than 1 minute)
if modification event occurs

Authorization based on Accounts

- Breaking individual authorization / supervision system
 - Overall supervision by 'manager'
 - Allows access authorization control for each ID

Frequency Control

- Ad frequency customization with designated dates
- Allows designation based on 'Ads' (subgroup of campaign)
- Maximum Frequency = 60
(Unable to expose ads if Frequency > 60)

The screenshot shows a campaign management interface with a list of campaigns. Each campaign entry includes the following columns: 번호 (ID), 캠페인명 (Campaign Name), 상태 (Status), 카테고리 (Category), 시작일 (Start Date), 종료일 (End Date), 경고비 (Warning Budget), 보장량 (Guaranteed Volume), 노출 (Impressions), 달성 (Achievement), 클릭 (Clicks), CTR, 대량 정보 (Large Volume Information), 담당자 (Manager), 최종 수정 (Last Update), and 등 (Status). A modal window is open in the center, asking '수동 라이브를 적용 하시겠습니까?' (Do you want to apply manual live?) with '취소' (Cancel) and '확인' (Confirm) buttons.

The screenshot shows a permission settings interface with a list of permissions. Each permission entry includes the following columns: 권한명 (Permission Name), 광고 관리 (Advertising Management), 보고서 (Report Management), 인벤토리 (Inventory Management), 계정 (Account Management), and 설정 (Settings). Below the table, there are several checkboxes for different categories: 마스터 관리자 (Master Manager), 전체 권한 (Full Permission), and checkboxes for 광고 관리, 보고서, 인베토리, 계정, and 설정.

The screenshot shows a frequency control settings interface with several sections:

- 전액 소진 설정***: Includes checkboxes for '설정된 예산까지만 소진' (Consume only up to the set budget) and '설정된 예산을 초과하여 소진' (Consume beyond the set budget).
- 보고서**: Includes a checkbox for '자동 발송' (Automatic sending) and fields for '이름' (Name) and '유형' (Type) with options like '기본+4분위' (Basic+4th percentile).
- 알람 설정**: Includes a checkbox for '계정 전액' (Full account) and fields for 'Email' (Email to), 'Telegram Username' (Telegram Username), and '계정 전액이' (Full account is) with a '원 이하인 경우' (If below) dropdown.
- 메모**: A text input field for '메모를 입력하세요.' (Enter a memo).

Task Processing Every Task in 3% of CPU Time

Capacity (TPS)	Completion Rate (%)	Response Time		Concurrent Users	System Load (CPU / Memory)				
		In 3 sec	In 10 sec		Server1	Server2	Server3	Server4	Server5
3,300	100.00%	100.00%			Adbanner5 3	adbanner6 3	adbanner7 3	adbanner8 3	

Test Information

Test Target	Company S's Integrated Advertisement Platform
Test Tool	Load Runner (Mercury Interactive/HP)
Test Method	Load Test by directly contacting a switch
Hardware Specifications	Redhat Enterprise 64bit, Xeon 4Core, 8G Ram, Giga Network Interface



Thank you :)

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Contact Us nitmus@nitmus.com