2018 Zuminternet Company Profile

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Mission

Reading what's on your mind, **ZUM**

Think

Technical capabilities built around our proprietary search engine and big-data analysis capabilities

Deep understanding of the objectives and habits of mobile/web users

Global issues and trends

Cultural differences and personal preferences



Read

Search, analyze and advance our services

Deep understanding of the changing needs of our users

Have clear vision and spark innovation



History

2018

- 09. A merger between Zuminternet-Mirae Asset No.5 Spac, to promote listing on KOSDAQ Launched 'TV ZUM' service, a popular TV program VOD clip service
- 08. Launched 'Auto ZUM', new car information and quote comparison service
- 07. Launched 'Tour ZUM', travel information service

 Attract investment of 3 billion from Focus asset management
- 06. Launched of 'Realreview' IOS mobile app
- 05. Launched of 'Realreview' Android mobile app

 Opened 'Coin ZUM' service for virtual currency information
- 04. Launched of 'Newsum' iOS mobile app
- 03. Offered 'Content API' for developers at ZUM Developer Center Launched 'Today Information' service
- 01. Launched 'Recipe Search' service

2017

- 12. ESTsoft-ZUMinternet won first prize in 'Artificial Intelligence R&D Challenge'
 Launched of 'Newsum' Android mobile app
 Launched of 'Shozzle' iOS mobile app
 Opened 'Fund Information search' service
 Opened 'Fortune Information' service
- 11. Launched of 'Shozzle' Android mobile app
- 10. Opened AI-based document classification search service
- 09. Opened 'Stock Information' service
- 08. Launched of Egloos iOS mobile app
- 07. Opened 'legal information search' service
- 06. A.I Technology Research MOU with Handong University Launched of 'Egloos' Android mobile app
- 05. Exceeding 2% in share of Search queries in Korea
- 04. Renewal of Map Search Service
- 01. Appointed Mr. Wooseung Kim as the CEO of ZUM Internet

2016

- 12. Launched CBT of 'Egloos App for Mobile'
- 06. Listed on the KONEX Market
- 01. Opened high quality content platform 'Hub ZUM'



History

2015

- 10. Exceeding 10 million monthly unique visitors of zum.com
- 07. Ranked 3rd in share of front page selection
- 06. 12th anniversary of 'Egloos' blog service

 Lauched 'Hub zum' Beta service
- 05. Swing Browser' reaches 10 million accumulated downloads

 Launched curating shopping service 'Shopping zum'
- 04. Launched 'Swing Browser' 2.0
- 03. Renewal of 'Site Search Ranking' Service

2014

- 11. Launched 'Open Internet Search' and 'Stock interest in internet'
- 07. 'Swing Browser' reaches 1 million monthly unique users

 The number of accumulated download reaches 2.9 million

 Launched zum 3.0
- 05. Launched 'TV internet interest'
- 04. Ended the month with search engine market share 1.5% Launched Open Beta service for 'Time: Tree'

2013

- 12. Rank 3rd of Local Search Market Share
 Release official version of 'Swing Browser' for PC
- 11. Launched 'Online Compton Service' with Chunji Edu/Release 'Cloud Search Engine'
 Launched Mobile zum iOS, Android app
- 09. Take over Blog Specialized service 'Egloos'

 Launched sharable start page service 'zum page'
- 04. Ended the month with search engine market share 1% Opened 'Shopping Box' service
- 02. Launched zum 2.0

2012

- 12. Award Grand prize of Internet Eco-Award

 Launched of 'Swing Browser' iOS, Android app
- 09. Launched 'ZUM Developer Center'
- 06. Awarded Korea Top Brand Award (Seoul Economy)
 Launched Q&A service
- 05. Ended the month with 6,000,000 users
- 03. Invested by Skylake Incuvest
- 02. Launched 'Search ZUM'

2011

- 11. Launched 'News ZUM'
- 10. M&A EST M&S and EST Internet

 Changed the company name to ZUM Internet Corp

 Monthly user of zum.com Exceeding 1 million
- 09. Launched OpenType Portal 'zum.com'
 Launched 'ZUM Widget' and 'Widget Store'

2010

- 10. Established EST Internet Corp (CEO: JJ Kim)
- 07. Established Company-Affiliated R&D Center of EST M&S

2009

06. Established EST M&S Corp (CEO: JS Park)



People



Wooseung Kim CEO

ZUM Internet has been growing with the aim of providing portal service as a gateway to internet world, fair and correct search, and convenient services. Now, 'Read What You Think, ZUM' will grow with our users.

To grow, ZUM will provide reasonable and smart services with our effort to read our users think, and reflect the think into our services with our technology of reading the user's' usage patterns.

Please keep on eye on our challenge that tries to reflect your thoughts into our services.

Career

Samsung Electronics (Research Institute)
C-EISA
Samsung Electronics (Digital Solution Center)
SK Planet
SK Telecom

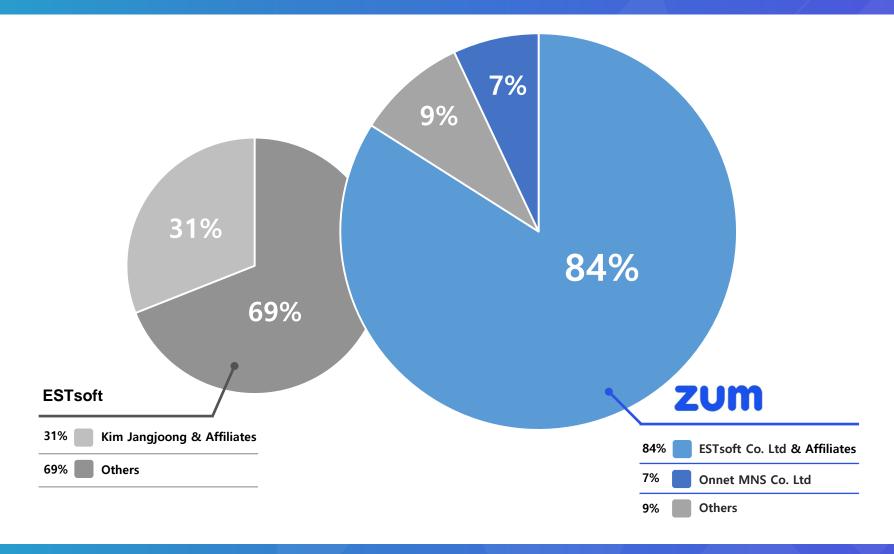
People

- Search Engine R&D Manpower with more than 10 years of experience
- System Operation Personnel with experiences in search engine and vaccine services for stable operation
- Organized with 65 developers(37.2%), and 16 Engineers(9.3%)



Search Development Search Management Portal Service New Business Business R&D Dept.(12) Div.(45) & Planning Div.(35) Div.(67) **Dept.(15) Dept.(11)** Head **Business-related service** Head Head Head Mobile service planning : 19 years of Experience : 19 years of Experience : 20 years of Experience : 16 years of Experience planning / developing / developing Team Leaders Team Leaders **Team Leaders Team Leaders** : Avg. 11 yrs. : Avg. 16 yrs. **Developing New** Discovering affiliate : Avg. 18 yrs. : Avg. 13 yrs. business Business Search service operation Big data specialized and Portal service planning / Search component service developers and specials and planners. search engine developing / design - Onnet - ESTsoft portal developers developers specials - ESTsoft - Yahoo - ESTsoft - Naver, Daum - Naver - SK Coms - SK Coms - SK Coms - Onnet - ESTsoft - Onnet - ESTsoft - ESTsoft

Ownership Structure





Capability

Search Engine Technology

- Feature : Ability to store, analyze, and provide more than 1 Billion documents, 100TB of data
- Competitiveness: Skills in 'Hadoop' & 'Hbase' to manage big data, API type search engine

Big Data Skills

- Feature : Strong capabilities in distributed big data processing, deep learning in text analytics
- Competitiveness: Technical expertise to store and analyze over 6 billion documents; know-how in efficient on premise and cloud utilization

Artificial Intelligence

- Feature : Automated text and image analysis through deep learning technology
- Competitiveness: Utilize deep learning technology in our big data to improve the quality of our search services

Marketing Power

- Feature : Exposure to 20,000,000 users in software products
- Competitiveness : No. 1 in UV(Unique Visitor) by SW provider

Planning Skills

- Feature : Successful experience in SW business in Korea (Vaccine, Compressor, Image viewer, Toolbar)
- Competitiveness: Knowhow on SW user marketing, experience of reaching No. 1 from second mover in PC Vaccine

Capability

Major Research Achievements of R&D Center in 2017

- Development of automatic classification solution
 → applied to news and blog document search results
- Development of image quality evaluation technology
 → developed portrait image filtering technology using deep learning
- Development of positive-negative sentiment detection technology
- Development of fake news detection technology
 → won the championship prize of AI R&D Challenge 2017

Project Plans of R&D Center in 2018

- Implementation of portrait image search system
 → image recognition for major figures and retrieval of relevant, related images
- Implementation of apparel recommendation technology using deep learning
- Government-funded fake news detection project
 → as a follow-up research for AI R&D Challenge 2017

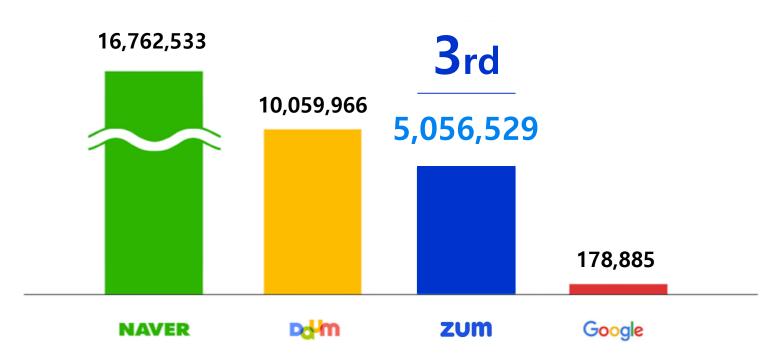


▲ ZUMinternet & ESTsoft won the championship prize of "AI R&D Challenge 2017"

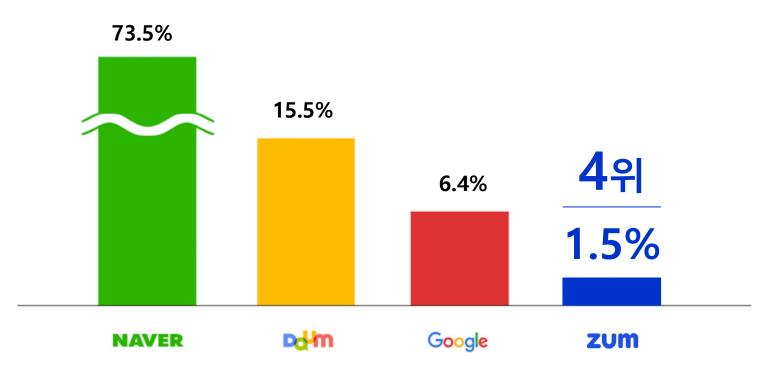
(2017.12.08)

zum.com

Number of users setting zum.com as start page in Korea



Market share of search query in Korea



Monthly search query

40,120,882

Monthly Unique Visitor (UV)

8,154,988

More than 25% of Korean PC users (total 32M users) visit zum.com

Monthly Page View (PV)

263,023,224

Gradually increasing and growing in the oligopoly market in Korea

Swing browser

Accumulated Downloads

33,713,949

Maintain growth in domestic web browser market

Thank you

Website

http://www.zum.com http://www.zuminternet.com

Request

Marketing Team Tel: +82 02-583-4640

E-mail: marketing@zuminternet.com

ZUMinternet