2020 ZUMinternet Company Profile



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Mission

Reading what's in the world, **ZUM**

World

Focus on technical advancements of our proprietary search engine to perform better big-data analysis.

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 a clear vision and spark innovation

History

2019	Jun. ZUMinternet listed on KOSDAQ	2017	Dec. Won 1st prize at the 'Artificial Intelligence R&D Challenge'
	May. Renewed ZUM.com website		as ESTsoft-ZUMinternet
	Mar. Renewed ZUM.com mobile		Launched 'NEWSUM' Android mobile app
	Feb. Launched 'LALLA'		Launched 'Shozzle' iOS mobile app
			Opened 'Fund Information search' function
			Opened 'Fortune Information' function
2018	Dec. Launched 'Short answer type search' Nov. Launched 'Notice board search' function Sep. ZUMinternet merged with Mirae Asset No.5 Spac to promote listing on KOSDAQ Launched 'TV ZUM'		Nov. Launched 'Shozzle' Android mobile app
			Oct. Opened Al-based document classification search service
			Sep. Opened 'Stock Information' service
			Aug. Launched Egloos iOS mobile app
			Jul. Opened 'Legal Information Search' function
			Jun. Al Technology Research MOU with Handong University
	Aug. Launched 'Auto ZUM'		Launched 'Egloos' Android mobile app
	. Launched 'Tour ZUM' Acquired an investment of 3 billion won from Focus Asset Management		May. Exceeded 2% in share of search queries in Korea
			Apr. Renewed Map Search function
	Jun. Launched 'Realreview' iOS mobile app		Jan. Appointed Mr. Wooseung Kim as the CEO of ZUM Interne
	May. Launched 'Realreview' Android mobile app		
	Opened 'Coin ZUM' service for virtual currency information		
	Apr. Launched 'NEWSUM' iOS mobile app	2016	Dec. Launched CBT 'Egloos App for Mobile'
	Mar. Offered 'Content API' for developers at ZUM Developer Center		Jun. Listed on the KONEX Market
	Launched 'Today Information'		Jan. Opened high quality content platform 'Hub ZUM'
	Jan. Launched 'Recipe Search'		



History

2015	Oct. Exceeding 10 million monthly unique visitors of ZUM.com Jul. Ranked 3rd in shares of search engine visits Jun. 12th anniversary of 'Egloos' blog service Lauched 'Hub ZUM' Beta service May. 10 million accumulated downloads of 'Swing Browser' Launched 'Shopping ZUM' Apr. Launched 'Swing Browser' 2.0 Mar. Renewed 'Site Search Ranking' function	2012	Dec. Awarded Grand prize of Internet Eco-Award Launched of 'Swing Browser' iOS, Android app Sep. Launched 'ZUM Developer Center' Jun. Awarded Korea Top Brand Award (Seoul Economy) Launched Q&A service May. Ended the month with 6,000,000 users Mar. Invested by Skylake Incuvest Feb. Launched 'Search ZUM'
2014	Nov. Launched 'Open Internet Search' and 'Stock interest in internet' Jul. 1 million monthly unique users of 'Swing Browser' 2.9 million accumulated downloads of 'Swing Browser' Launched ZUM 3.0 May. Launched 'TV Internet Interest' Apr. Exceeded 1.5% in share of search queries Launched Open Beta service for 'Time Tree'	2011	Nov. Launched 'News ZUM' Oct. M&A EST M&S merged with EST Internet to form ZUM Internet C ZUM.com Monthly users exceeded 1milion Sep. Launched OpenType Portal 'ZUM.com' Launched 'ZUM Widget' and 'Widget Store'
2013	Dec. Ranked 3rd in Local Search Market Share Released official version of 'Swing Browser' for PC Nov. Launched 'Online Compton Service' / Released 'Cloud Search Engine'	2010	Oct. Established EST Internet Corp (CEO: JJ Kim) Jul. Established Company-Affiliated R&D Center of EST M&S
	Launched Mobile ZUM iOS, Android app Sep. Acquired Blog Specialized service 'Egloos' Launched sharable start page service 'ZUM page' Apr. Ended the month with search engine market share 1% Opened 'Shopping Box' function	2009	Jun. Established EST M&S Corp (CEO: SJ Park)



Feb. Launched ZUM 2.0

People



Wooseung Kim CEO

ZUM Internet has been growing with the aim of providing a portal service as a gateway to internet world, a fair and correct search, and multiple convenient services.

Now, 'Read What You Think, ZUM' will grow with our users.

To grow, ZUM will provide reasonable and smart services by understanding Our users thoughts and reflecting those thoughts into our services. This can be accomplished with our technology of being able to read the users' usage patterns.

Please keep an eye on our continued endeavors as we integrate your thoughts into our services.

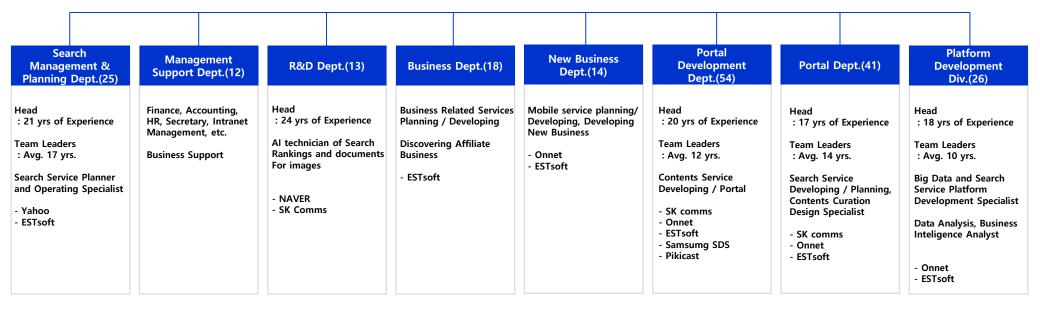
Career

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

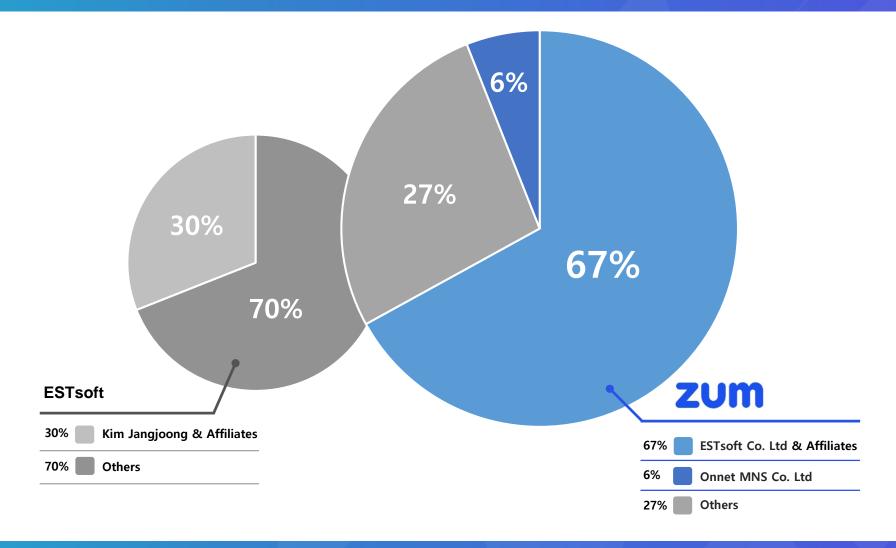
People

- 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 74 developers(35%), and 17 Engineers(7.5%)

ZUMinternet (Total 204)



Shareholder Composition





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

Achievements and Accomplishments

Major Research Achievements of R&D Center in 2019

- Won second place in 2019 AI Grand Challenge
- Development of Financial Information Analysis Technology

Major Research Achievements of R&D Center in 2018

- Development of a Personality Search System
 - → Search event unit pictures for key people
- Development of clothing recommendation technology using Deep Learning
 - → Development of a technology to create a thumbnail of a person's photos
- Development of positive-negative sentiment detection technology
- Government-funded fake news detection project

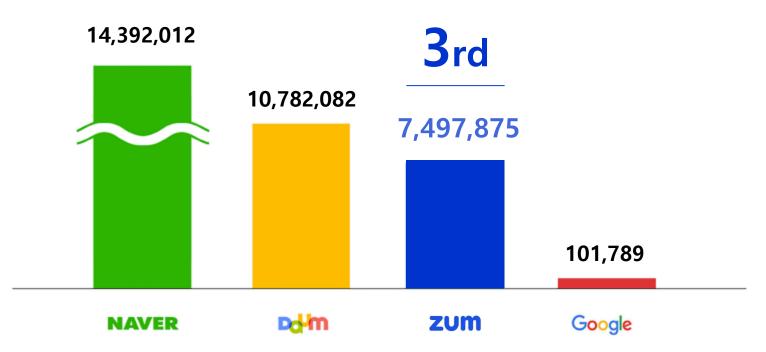


▲ ZUMinternet & ESTsoft won the championship prize of "AI R&D Challenge 2017"

(2017.12.08)

zum.com

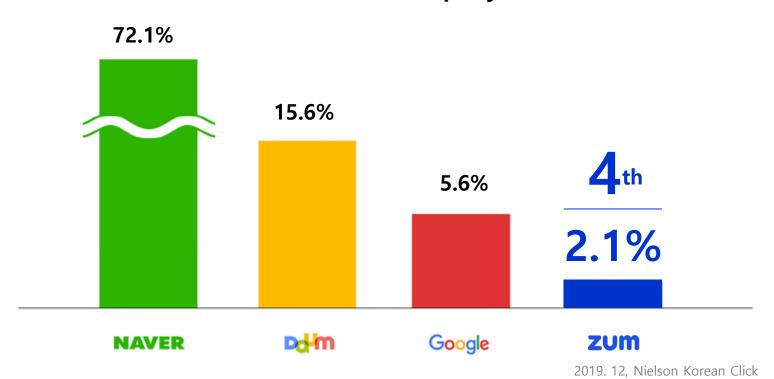
Number of users setting ZUM.com as start page in Korea



2019. 12, Nielson Korean Click

zum.com

Market share of search query in Korea





zum.com

Monthly Search Query

49,515,000

2019. 12, Nielson Korean Click

zum.com

Monthly Unique Visitor (UV)

7,611,695

2019. 12. Nielson Korean Click

About 25% of Korean PC users (total 32M users) visit ZUM.com

zum.com

Monthly Page View (PV)

251,698,000

2019. 12, Nielson Korean Click

Thank you

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ZUMinternet