

"ZOOM" VERSUS "SKYPE" VERSUS THE REST..

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SUMMARY

"Zoom" is much better than "Skype" and the rest of the crowded field of online conferencing systems.

TOPICS

- Terminology
- APCUG's Selection Process Picked "Zoom" in 2015
- Market Share of Video Conferencing Systems
- Gartner's Analysis Places Zoom at the Top of the Heap
- Superior "Investor Capital" Funding for Zoom Versus It's Competitors

TOPICS (continued)

- "Skype" Migrated from Peer-to-Peer to Client/Server

TERMINOLOGY

- The term "video conferencing" used to refer to a network of "video conferencing" meeting rooms that are interconnected by expensive T1 and T3 "leased lines" from telephone common carriers
- "Video conferencing" can now be used to also refer to "Web conferencing" such as Skype and Zoom

TERMINOLOGY (continued)

- The terms "server-based", "cloud-based", and P2P or "peer-to-peer" are also somewhat context-based.
- "server-based" can mean either that a server acts as an intermediate point between either session initiation and/or during the entire call

TERMINOLOGY (continued)

- "server-based" can mean either "server located on premises", "private cloud located on premises", "private cloud located at a server farm", or "publicly shared cloud"

APCUG SELECTED ZOOM IN 2015

- In the latter half of 2015, APCUG's "Virtual Technical Conference" team headed by Judy Taylour, selected Zoom out of a field of 12 options
- We have been using it ever since
- No virtual conferencing system is perform and Zoom has had problems but it has had less than it's competitors

MARKET SHARE OF "VIDEO CONFERENCING SYSTEMS"

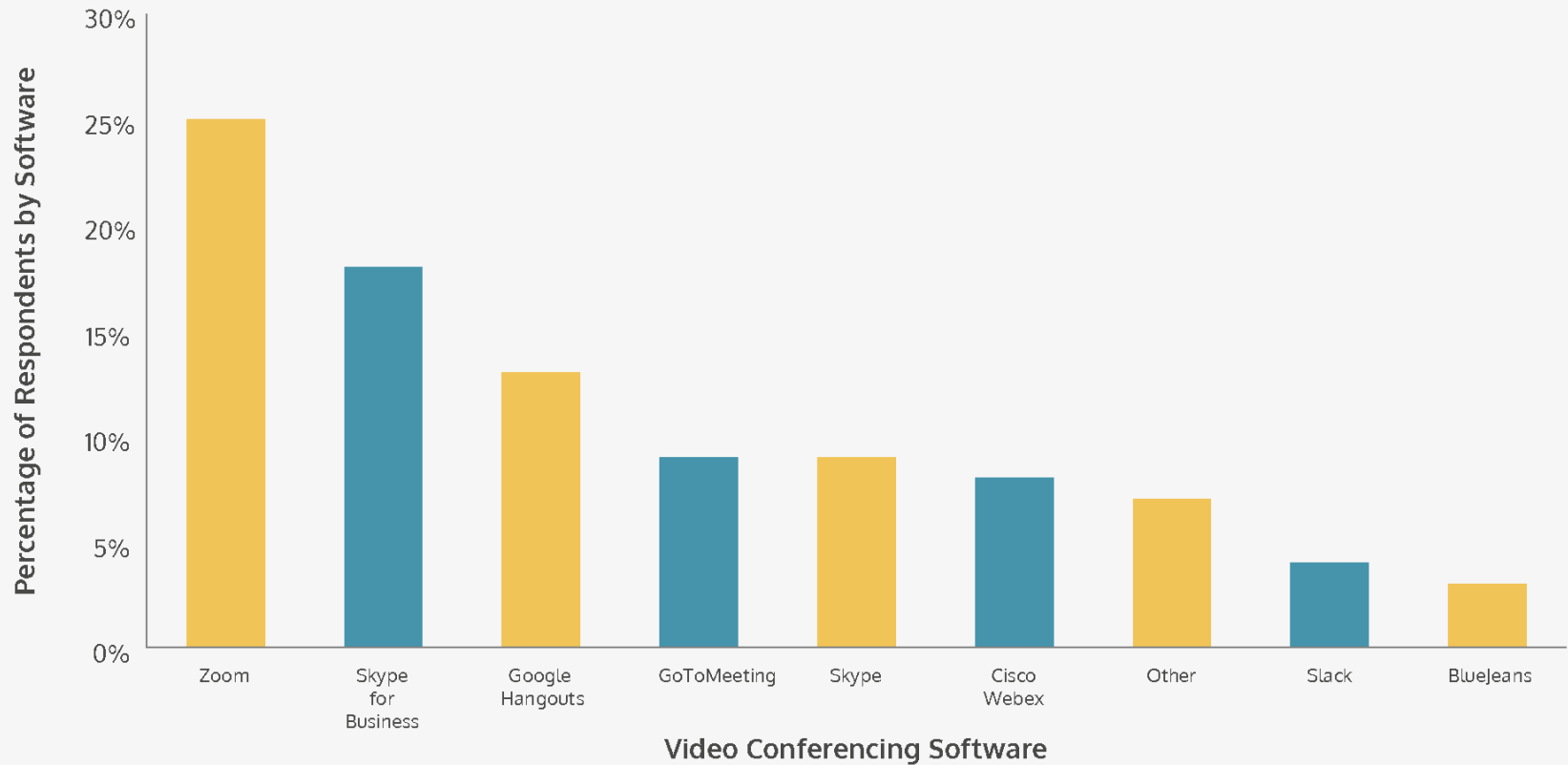
- According to <https://www.owllabs.com/state-of-video-conferencing> :
Skype and Zoom each have about 45 percent of the market share for usage of video conferencing systems

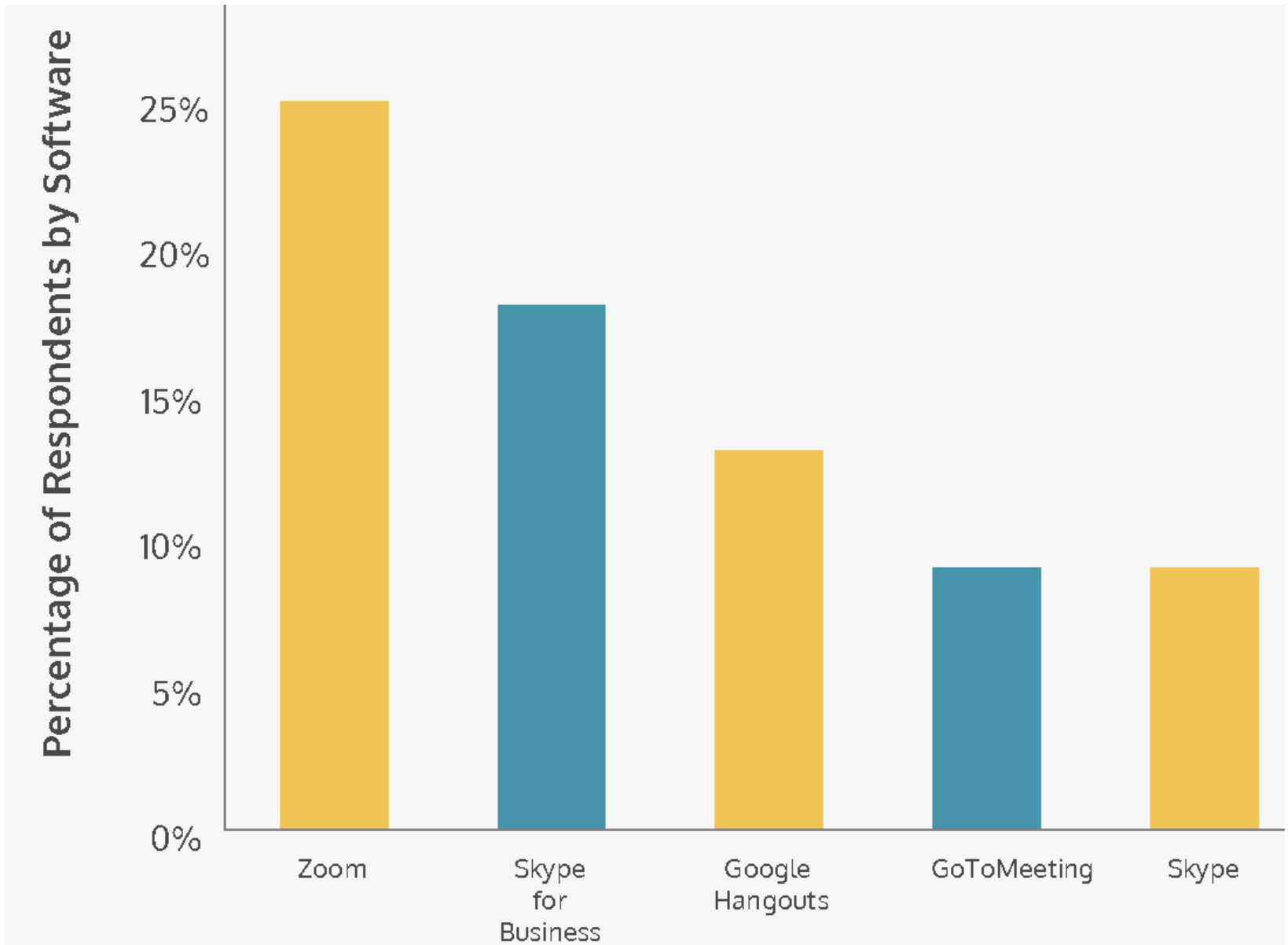
Video Conferencing Software & Comparisons

State of Video Conferencing 2018

45% of companies choose Zoom or Skype for Business over all other options.

Data to help leaders understand how video conferencing in person communication technology can help their organization and choose what setup is right for them.





GARTNER'S ANALYSIS PUTS "ZOOM" AT THE TOP OF THE HEAP

- See <https://www.gartner.com/reviews/market/meeting-solutions-web-conferencing/compare/teamviewer-vs-zoom-vs-microsoft-vs-lucid-meetings-vs-google-vs-ibm-vs-Intel-vs-cisco-vs-amazon-web-services-vs-polycom>

All Markets > Meeting Solutions > Compare Vendors

Comparing Teamviewer, Zoom Video Communications, Microsoft, Lucid Meetings, Google, IBM, Intel, Cisco, Amazon Web Services (AWS), Polycom

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+ VENDORS 10 Selected < >

Teamviewer + Show Products (1)	Zoom Video Communications + Show Products (3)	Microsoft + Show Products (5)
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Ratings

	Teamviewer	Zoom Video Communications	Microsoft
Overall Peer Rating	4.4 ★★★★★ (131 reviews)	4.7 ★★★★★ (2903 reviews)	4.3 ★★★★★ (712 reviews)
Willingness to recommend	91% Yes 👍 131 Reviewer(s)	94% Yes 👍 2910 Reviewer(s)	78% Yes 👍 712 Reviewer(s)
Product Capabilities	1 2 3 4 5 4.5 130 Reviewer(s)	1 2 3 4 5 4.7 2895 Reviewer(s)	1 2 3 4 5 4.4 712 Reviewer(s)

Feedback

SUPERIOR "INVESTOR CAPITAL" FUNDING FOR ZOOM VERSUS COMPETITORS

- See
<https://www.crunchbase.com/organization/zoom-video-communications>



Overview



Total Funding Amount

\$145.5M

CB Rank (Company)

8,787



Zoom

Zoom unifies cloud video conferencing, simple online meetings, and group messaging into one easy-to-use platform.

[San Jose, California, United States](#)

Categories

[Cloud Computing](#), [Collaboration](#), [Enterprise Software](#), [Messaging](#), [Video Conferencing](#)

Headquarters
Regions

[San Francisco Bay Area](#), [Silicon Valley](#), [West Coast](#)

Founded Date

Jun 1, 2011

Founders

[Eric Yuan](#)

Operating Status

Active

Funding Status

Late Stage Venture

Last Funding Type

[Series D](#)

Number of
Employees

[1001-5000](#)

Also Known As

Zoom.us, Zoom Video Communications

Hub Tags

Unicorn

SUPERIOR "INVESTOR CAPITAL" FUNDING FOR ZOOM VERSUS COMPETITORS

- See <https://www.crunchbase.com/organization/skype#section-funding-rounds>



\$ Funding Rounds ▼

Number of Funding Rounds **5**

Total Funding Amount **\$76.8M**

Skype has raised a total of **\$76.8M** in funding over **5** rounds. Their latest funding was raised on **Apr 16, 2010** from a **Venture - Series Unknown** round.

Which funding types raised the most money? pro Show

How much funding has this organization raised over time? pro Show

Announced Date ▼	Transaction Name ▼	Number of Investors ▼
Apr 16, 2010	Venture Round - Skype	—
Nov 19, 2009	Debt Financing - Skype	3
Mar 1, 2004	Series B - Skype	3
Aug 1, 2003	Series A - Skype	2
Jan 1, 2002	Angel Round - Series A - Skype Skype	1

SUPERIOR "INVESTOR CAPITAL" FUNDING FOR ZOOM VERSUS COMPETITORS

- See <https://www.crunchbase.com/organization/teamviewer#section-funding-rounds>



Funding Rounds



Number of Funding Rounds **1**

TeamViewer has raised **1** round. This was a **Series A** round raised on **Jan 2, 2014**.



Which funding types raised the most money?



Show



How much funding has this organization raised over time?



Show



Announced Date



Transaction Name



Number of Investors



Jan 2, 2014



Series A -
TeamViewer

1

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER

- Skype started as Peer-to-Peer with a Log-in server in Estonia with the log-in server only used to enforce payment for usage
- Microsoft made some Skype-running computers into "supernodes" to harness their CPU cycles, RAM, and Internet bandwidth

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SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER

- 2012 to 2013:
Microsoft made created hush-hush Linux-based "supernodes" up in their server farm system to improve reliability and provide access to the CIA and NSA for surveillance

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER

- 2013 (continued):

See

<https://arstechnica.com/information-technology/2012/05/skype-replaces-p2p-supernodes-with-linux-boxes-hosted-by-microsoft/> and
<https://www.linuxtoday.com/infrastructure/skype-replaces-p2p-supernodes-with-linux-boxes.html>

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER (continued)

- 2016 to 2018:
Microsoft converted the Linux server-farm-based super-nodes into full-fledged probably-Linux?? servers for increased reliability and video/audio quality

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER (continued)

- March 2017:
Peer-to-peer communications between Skype users is no longer allowed so all Skype calls go through Microsoft's servers now:
See <https://winaero.com/blog/microsoft-removes-p2p-support-skype/>

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER (continued)

- March 2017 (continued):

See

<https://www.lifewire.com/skype-changes-from-p2p-3426522>

SKYPE'S MIGRATION FROM P2P TO CLIENT/SERVER (continued)

- More References for Previous Slides:

<https://arstechnica.com/information-technology/2016/07/skype-finalizes-its-move-to-the-cloud-ignores-the-elephant-in-the-room/>