

CMSC 498W

Lecture 20

2016-04-19

Case Study:

VR in Gaming

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Virtuality 1000CS

- Launched October 1991
- Amiga 3000
- 30 000 flat-shaded polygon faces at 20 fps
- 350 units produced
- \$60 000 (1991)
\$104 904 (2016)



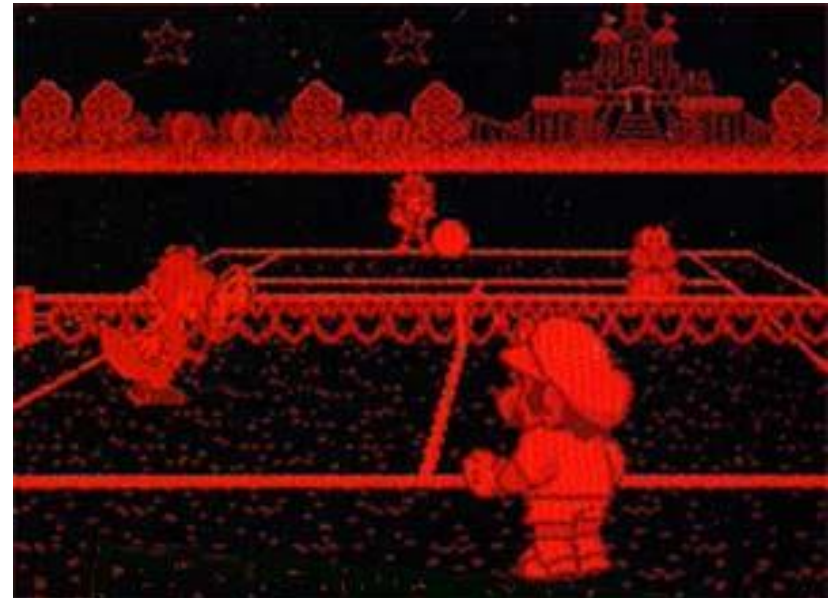
Virtual Boy

- US release:
August 16, 1995
- Discontinued:
March 2, 1996













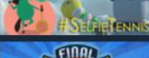













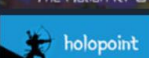









Virtual Boy

- Red and Black monochrome graphics
- No tracking
- \$179.95 (1995)
\$281.18 (2016)



Current Rift and Vive

	Hover Junkers Windows, PlayStation 4	Apr 5, 2016		\$34.99	<input type="checkbox"/> Single-player
	Apollo 11 VR Windows, PlayStation 4, Oculus Rift	Apr 1, 2016		\$14.99	<input type="checkbox"/> Multi-player
	Job Simulator Windows, PlayStation 4	Apr 5, 2016		\$39.99	<input type="checkbox"/> Cross-Platform Multiplayer
	theBlu Windows, PlayStation 4	Apr 5, 2016		\$9.99	<input type="checkbox"/> Co-op
	Out of Ammo Windows, PlayStation 4	Apr 15, 2016		\$14.99	<input type="checkbox"/> Local Co-op
	Descent: Underground Windows, PlayStation 4, Steam Play, Oculus Rift	Oct 22, 2015	 -25%	\$29.99 \$22.49	
	#SelfieTennis Windows, PlayStation 4	Apr 1, 2016		\$19.99	
	Final Approach Windows, PlayStation 4	Apr 4, 2016	 -20%	\$24.99 \$19.99	
	Cat Lateral Damage Windows, PlayStation 4, Steam Play, Oculus Rift	May 27, 2015		\$9.99	
	Windlands Windows, PlayStation 4, Steam Play, Oculus Rift	Apr 5, 2016		\$19.99	
	Euclidean Windows, PlayStation 4, Oculus Rift	Sep 25, 2015		\$4.99	
	ADRIFT Windows, PlayStation 4	Mar 28, 2016		\$19.99	
	Cloudlands : VR Minigolf Windows, PlayStation 4	Apr 5, 2016		\$19.99	
	5089: The Action RPG Windows, PlayStation 4, Steam Play, Oculus Rift	Feb 3, 2016		\$7.99	
	holopoint Windows, PlayStation 4	Apr 5, 2016		\$7.99	
	Hot Dogs, Horseshoes & Hand Grenades Windows, PlayStation 4	Apr 5, 2016		\$19.99	
	Albino Lullaby: Episode 1 Windows, PlayStation 4, Oculus Rift	Sep 15, 2015		\$9.99	

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Single-player

Multi-player

Cross-Platform Multiplayer

Co-op

Local Co-op

Narrow by feature

Steam Achievements

Full controller support

Steam Trading Cards

Captions available

Steam Workshop

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Narrow by VR Support

HTC Vive

Oculus Rift

[SEE ALL](#) ▾

Narrow by OS

Windows

Mac OS X

SteamOS + Linux

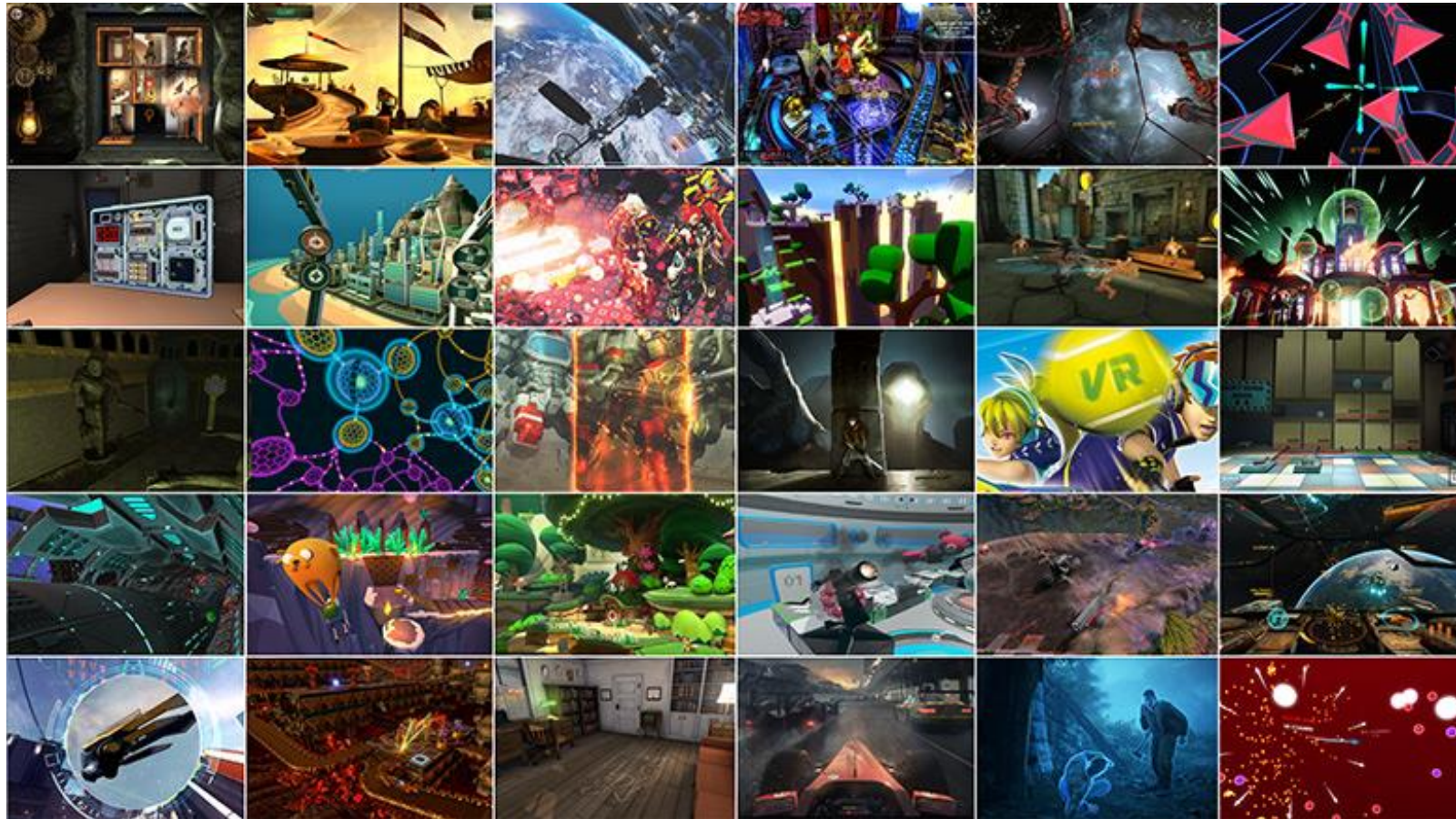
Narrow by language

English

[SEE ALL](#) ▾

Steam 2016-04-17

Rift Launch Titles



<https://www.oculus.com/en-us/blog/introducing-30-games-coming-to-oculus-on-march-28/>

The VOID

- VR amusement park
- Proprietary HMD, vest, gun, etc.
- Large, custom environment
 - Incorporates multiple senses
- June 2016?

