



Virtual reality

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Abstract :-

There have been many changes over time. Due to which many changes are seen. With this, today's time is very different from the past. Due to which today's virtual reality is completely different from the past. In this paper a historical overview of virtual reality is presented, basic terminology and classes of VR systems are listed, followed by applications of this technology in science, work, and entertainment areas.

Introduction :-

These machines are equipped with better and faster graphics boards and their prices fall down rapidly. It becomes possible even for an average user, to move into the world of computer graphic. The reason is that this new, promising and fascinating technology captures greater interest of people than e.g., computer graphics.

Scope :-

VR is also beneficial in highly skilled trades that need precision and practice. VR provides long-term financial benefits, in such cases.

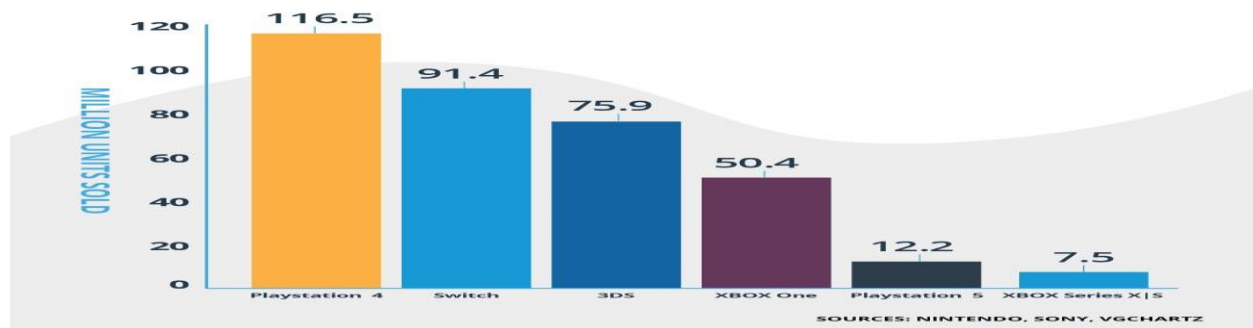
Console & PC Video Game Statistics

More gamers utilized their game consoles (e.g., Nintendo, PlayStation, and Xbox devices) in 2020 than in 2019, and it's no surprise why.

As of [September 2021](#), the split between Sony, Microsoft, and Nintendo of global lifetime sales across current and previous generation gaming consoles looks like this:

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Lifetime Console Sales from Microsoft, Sony, and Nintendo



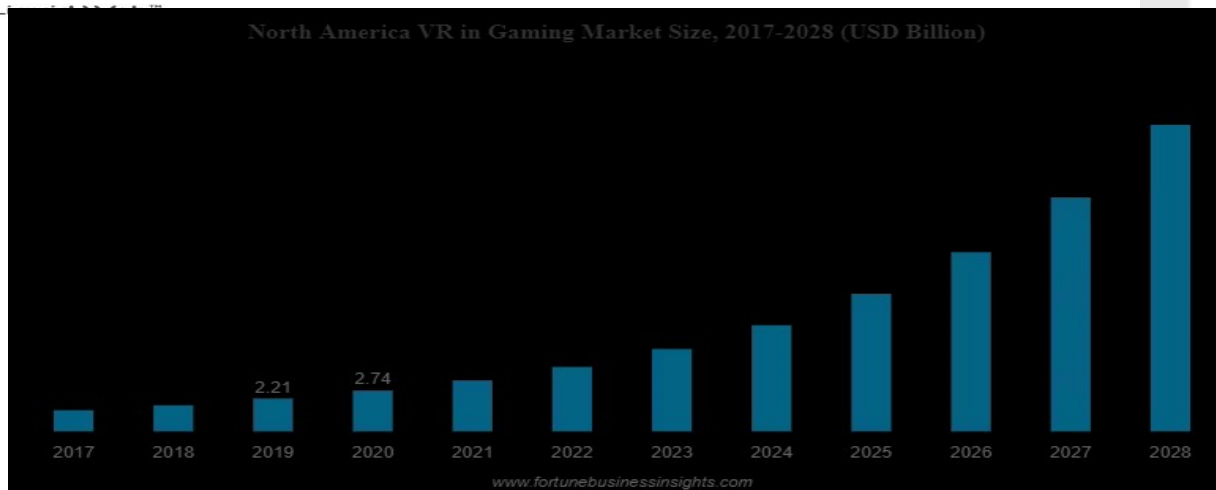
The World of Indie Game Development

When looking at data published by [Video Game Insights](#) about games published on Steam, AAA, and AA publishers released between 10-20% fewer games in 2020 than in the previous two years. On the other end of the spectrum, 25.6% more indie games were released on Steam in 2020 as compared to 2019.

The COVID-19 pandemic impacted the worldwide economy at every level. In the initial period of the pandemic, virtual accessories, hardware.

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North America VR in Gaming Market Size, 2017-2028 (USD Billion)



SOURCE: VIDEO GAME INSIGHTS

Advantages of virtual reality of gaming :-

- **Immersive Experience :-**

First, the most apparent benefit of VR gaming is fully immersing yourself in the game. With a VR headset, you can look around and interact with the virtual surroundings as if you were there.

- **Increased Physical Activity :-**

Second, many VR games require physical movement, such as swinging a sword or dodging obstacles. This can provide a fun and exciting way to exercise while gaming. Disadvantages of Virtual Reality of gaming :-

- **Limited Content Availability:** The availability of VR content may be limited, as creating VR experiences requires specialized skills and resources.

- **Cost:** With evolving technology, the cost that comes with exploring Virtual Reality is costly.

Reference:-

<https://www.educba.com/advantages-and-disadvantages-of-virtual-reality/>

SVAIY ART INDUSTRIES

A team of computer graphics artists.

Published Apr 26, 2023

<https://www.linkedin.com/pulse/benefits-vr-gaming-svaiy-art>

<https://www.liquidweb.com/insights/video-game-statistics/>

Report Format: PDF | Latest Update: Feb, 2023 | Published Date: Sep, 2021 | Report ID: FBI100271 | Status : Published

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Conclusion :-

VR gaming offers a unique and exciting experience that traditional gaming cannot match. As the technology continues to improve, we can expect even more innovative and exciting experiences to emerge.

