

Identifying A Modern Technology An Organisation Uses To Improve Efficiency



Cloud Gaming

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Background Of The Organisation

Introduction

- Cloud computing normally share and approach data and programs through the internet alternatively on computers drives
- Cloud is just a metaphor, and it is used for the word internet and the biggest farms such Microsoft and Xbox use Clouds in store their data
- Cloud gaming is a video games playing method that uses remote servers.
- The data centres from where video games can be streamed have also an option to pick up and to react to the impulse.
- Xbox games pass has introduced Cloud Gaming to streaming a game on any device.



Organisational Description

- Microsoft was founded in 1975 by Bill Gates and started to operate in the local market.
- The growth of the business accelerated by increasing the manufacturing of personal computers.
- MS-DOS resulted in increasing the business activities of Microsoft.
- Microsoft uses cloud computing technology.

XBOX

- The Video Game Xbox Has Been Created By Microsoft
- There Are 5 Video Game Consoles And Applications, And They Can Be Streamed Online
- With The Help Of The Latest Technology, This Company Offers Cloud Computing Services As Microsoft Azure Is The Primary Component Of Xbox Gaming

XBOX

- The Original Version Of Xbox Was First Released In 2001 In The USA
- Microsoft Uses A Razor And Blades Model To Save The Console At Its Manufacturing Cost
- With Almost Over 65 Million Users Globally This Online Gaming Service is Dominating The Virtual Gaming World



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The Challenges Before The Introduction Of Cloud Gaming

CHALLENGES

- Lack Of Ease Of Accessibility
- Enormous Costs For Development Of Infrastructure
- Poor Efficiency And Implementation Of Existing Technology
- Online Security Was Still In Its Early Stages Of Development



MORE CHALLENGES



- Lack of Technological Progress
 - High-Cost Hobby
- Lack Of Interest From The Public
- High Speed Internet Globalisation
 - International Travel

EVEN MORE CHALLENGES

- Internet Speeds Were Very Slow
- Storage Of Games Was Challenging
- Software Restrictions And Compatibility
- Buying Or Installing Games Is No Longer

Necessaire



CHALLENGES NEVER END



- Connectivity Was Challenging
- Locked Connectivity Between
Devices
- Every OS Is Its Own Environment
 - Supply And Demand

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Insights Into Xbox Cloud Gaming Technology



WHAT IS CLOUD GAMING?

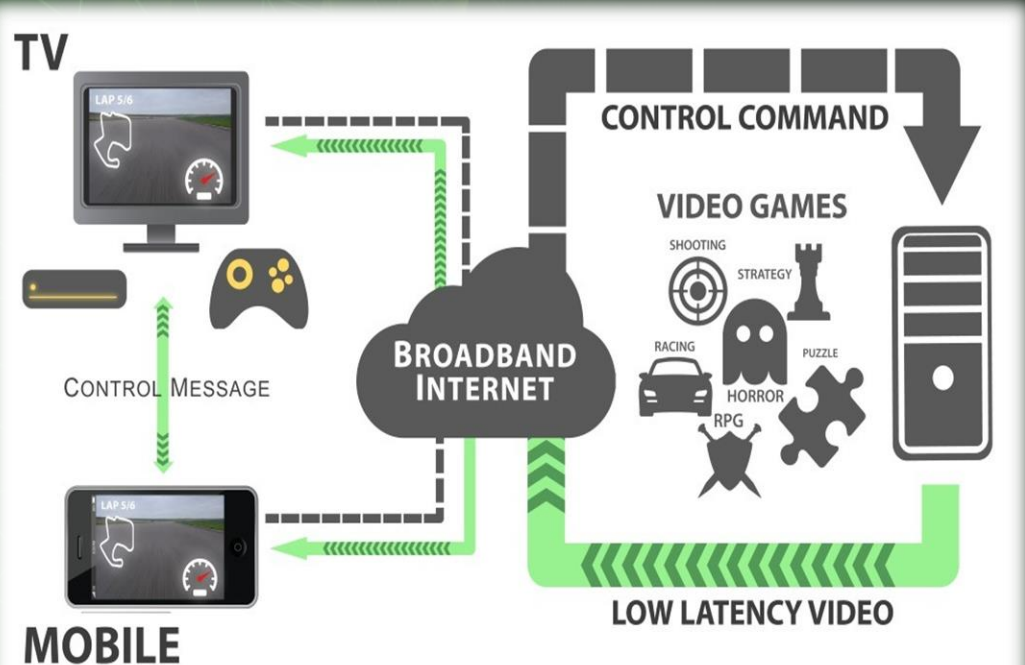
- Netflix For Games?!
- No Console/PC, No Problem
- Gaming On Demand (Ms Azure SaaS)
 - Gaming Anytime, Anywhere

XBOX CLOUD GAMING

- Smart Phones, Tablets, Smart TVs, Low-End PCs
 - Android Support
 - iOS Support
 - Windows
 - macOS



UNDER THE HOOD



- Running Games On Powerful Servers
- Video/Input Livestreamed Connection
- World Wide Web Communication
- Input Lag Makes A Difference
- 20ms Playable VS 120ms Unplayable

	Required Minimum	Optimal Experience
Upload Bandwidth	4.75 Mbps	9 Mbps or more
Latency	125ms	60ms or less

COMPETITORS

- Amazon Luna
- Google Stadia
- GeForce Now
- Sony PlayStation Now
 - EA
 - Ubisoft



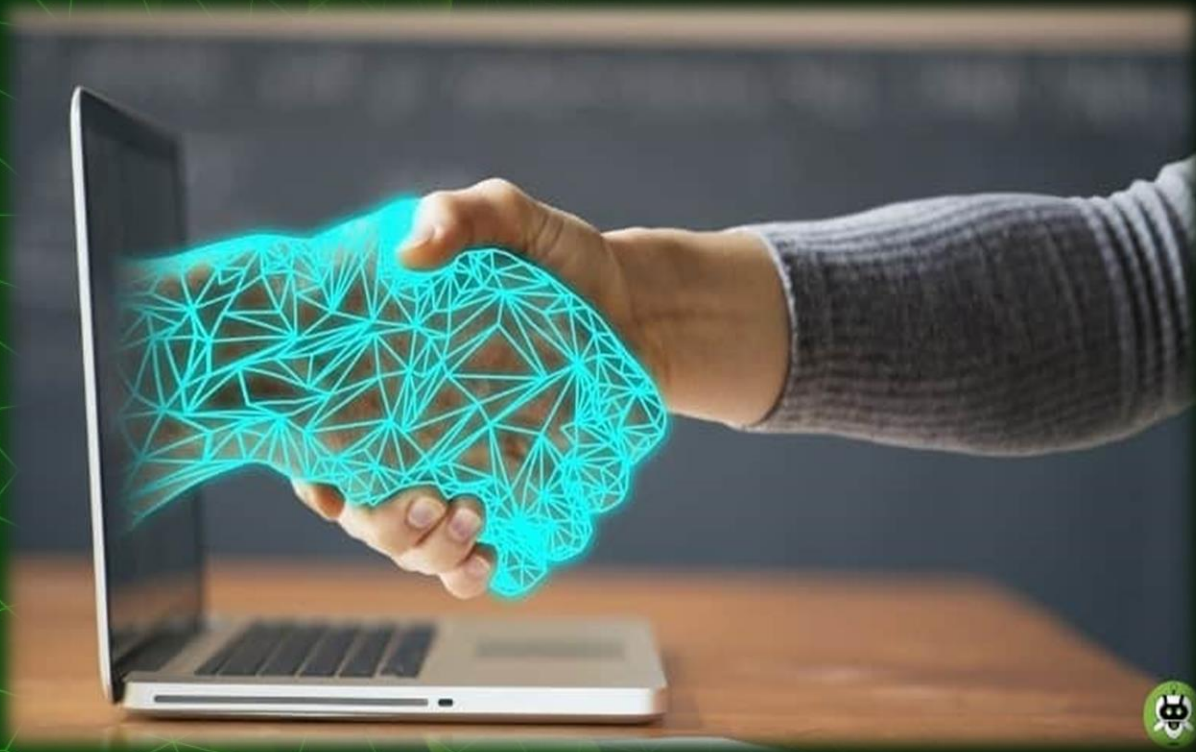
FUTURE PROSPECTS

- Macro-Surgery
- The New Space Race
- Cloud AI
- Meteorological Data

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The Impact Of Xbox Cloud Gaming

POSITIVE IMPACT OF GAMING



- Communication Skills
- Faster And More Accurate Decision-Making
- Improved Problem-Solving Ability
 - Better Multi-Tasking Ability
- Increased Hand-Eye Coordination

NEGATIVE IMPACT OF GAMING

- Video Game Addiction Exists
 - Poor Mental Health
 - Social Disconnection
- Exposure To A Toxic Gaming Environment



IMPACT OF CLOUD GAMING ON SOCIETY



- Everyone Can Play
- A New Console Is No Longer Needed
- Access Games Instantly Anywhere
 - Security Is As Important As Everything Else

IMPACT OF CLOUD GAMING ON TECHNOLOGY

- Technological Revolution
- Playing Video Games In An Entirely New Way
 - Xbox Cloud Gaming Will Change How People Play Video Games
 - Gaming Anytime, Anywhere



IMPACT OF CLOUD GAMING ON THE ENVIRONMENT



- Reduces Production Count, Packaging And Transportation
- Playing XBOX Games On Console Instead Of Using Cloud Gaming Technology Comes With An Ecological Cost
- Gaming Is Part Of One Of The Fastest Growing Industries

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Lessons That Can Be Drawn From The Case Study

INFORMATION GATHERING



- Data
- Information
- Knowledge
- Wisdom

CREATION PROCESS

- Got To Know Each Other
- Picked A Team Leader
- Had Briefings Every Step Of
Our Research
 - Set Up Meetings



LESSONS FROM THE TEAMWORK



- Plan And Manage Time
- Develop Stronger Communication Skills
- Share Diverse Perspectives
 - Research Skills
 - Conflict Resolution

LESSONS FROM THE TECHNOLOGY

- Games Are Changing Our Life
- Microsoft Cloud Gaming Is A Direct Means of Accessing The World Of Modern Technology
 - Better Multi-Tasking Ability
- Cloud Gaming Provides Us With More Choices And Freedom On How To Play
- Inspires Future Careers And Successful Businesses
 - Xbox Cloud Gaming Is Beneficial To Society



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XBOX

Thank You For Your Attention