



A New Era of Stereo 3D Gaming: Why and How

SpatialLabs Product Manager
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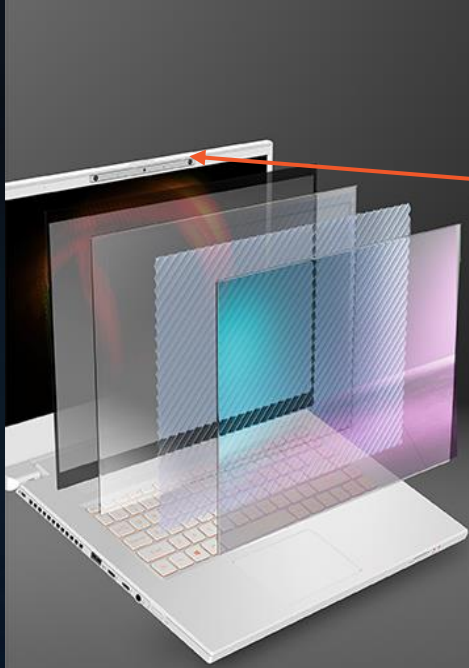


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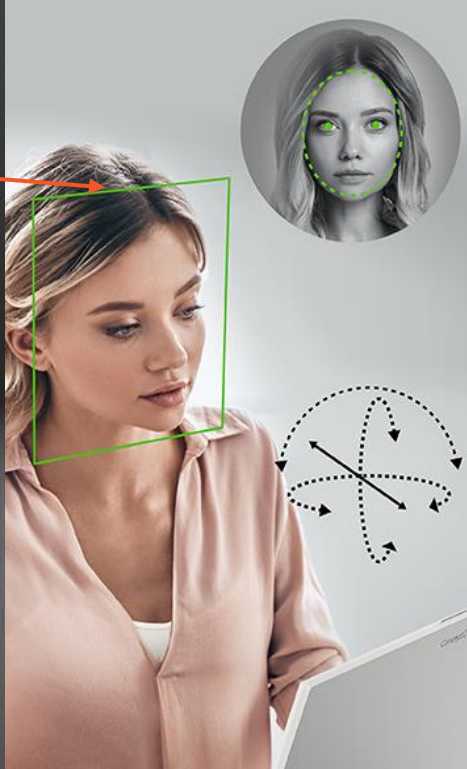


All visual effects are for illustration purposes only

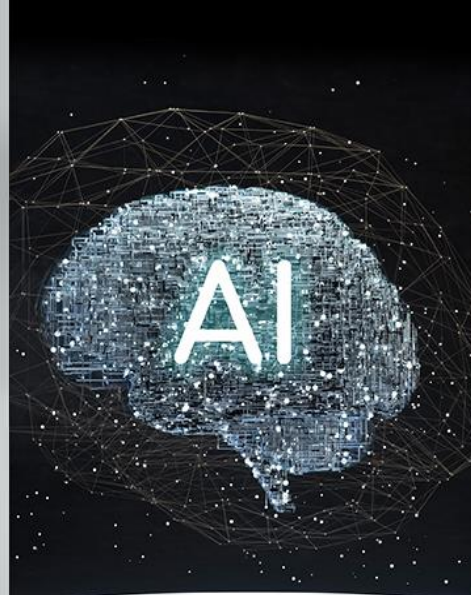
How does Acer SpatialLabs™ Technology work?



Switchable Stereoscopic
3D Display



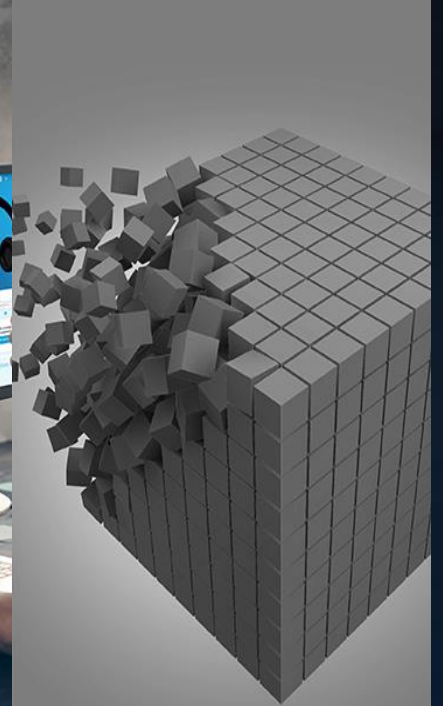
Sensory solution
Eye-Tracking



AI-accelerated
Experience



Real-time Rendering



Drivers and Shaders
Enabling Stereo 3D

Acer SpatialLabs Total Solution

For Gamers



SpatialLabs
TrueGame

For Creators



Out-of-box ready
applications
for designers

For Developers



Support Game Engine Plugins

For Tech Adventures



SpatialLabs Go
casual & user-generated
content



SpatialLabs TrueGame

3D Game Developers Spend Hours and Hours Building 3D Game Scenes, Characters, and Objects




,but trapped in flat displays...



Stereo 3D Game Challenges

- Lack of Stereo 3D Games
- No User-Friendly Solution to Activate 3D
- Inconsistent 3D Experience

One-Click Stereo 3D Activation



GAMES

SETTINGS

ABOUT

FORUM ↗

ABZÛ

Alan Wake Remastered

AMID EVIL

ANNO:Mutationem

BeamNG.drive

BioShock Infinite

Black Mesa

Borderlands 2

Borderlands GOTY Enhanced

Bright Memory: Infinite

Bulletstorm: Full Clip Edition

Call of Juarez Gunslinger

Darksiders Genesis

Darksiders III

Deus Ex: Mankind Divided

Dying Light

Elite Dangerous

Firewatch

Forza Horizon 4

Forza Horizon 5

Ghostrunner


Ghostrunner Demo


God of War


Godfall

Hob

Injustice 2

 Kena: Bridge of Spirits

 Kena: Bridge of Spirits



PLAY

3D ULTRA

Genre: Action Adventure

Released: 2022

Developer: Santa Monica Studio

Publisher: PlayStation PC

GAME INFO


Play time:

00h: 00m: 00s

Last played in 3D:

Never played

Game location:


 C:\Program Files\Epic Games\GodofWar ↗

3D INFO

Important notes:

No special steps required to play this game in 3D.

Please choose your preferred 3D mode:



3D+


Low system requirements at the cost of decreased 3D quality.



3D ULTRA

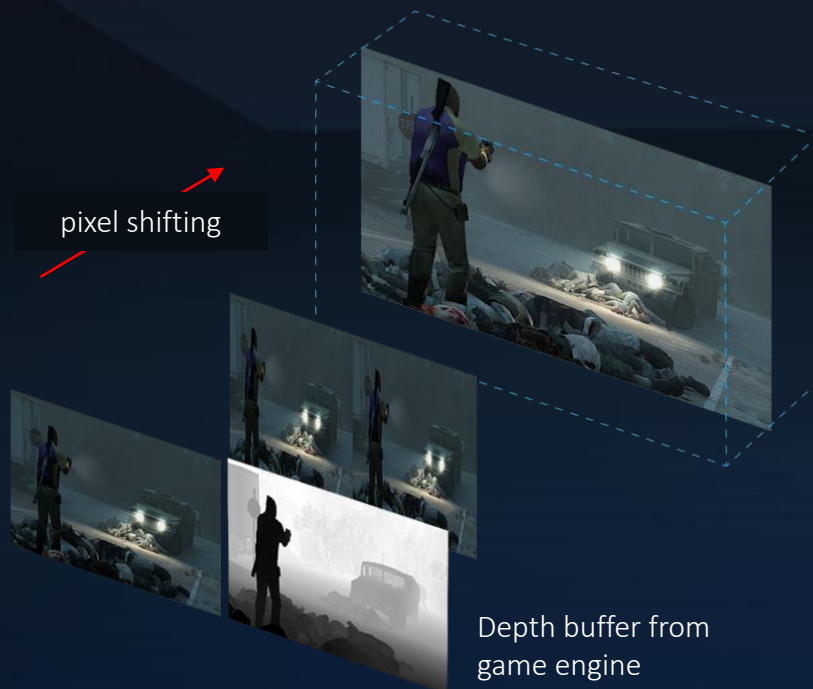
Superior 3D quality at the cost of higher system requirements.

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 SPATIAL LABS

The Ultimate Stereo 3D Gaming Experience

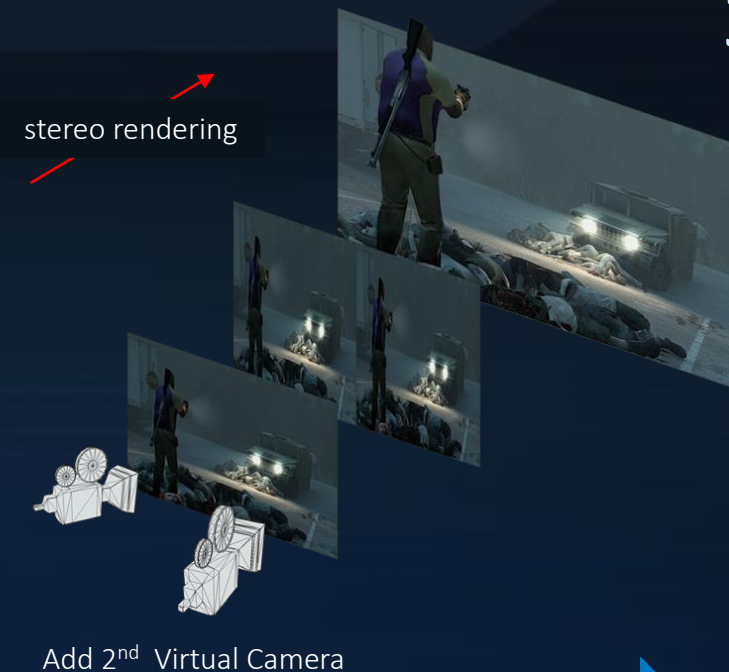
3D+



Post Processing

Shift pixel output
from depth buffer

3D Ultra



Frame begin

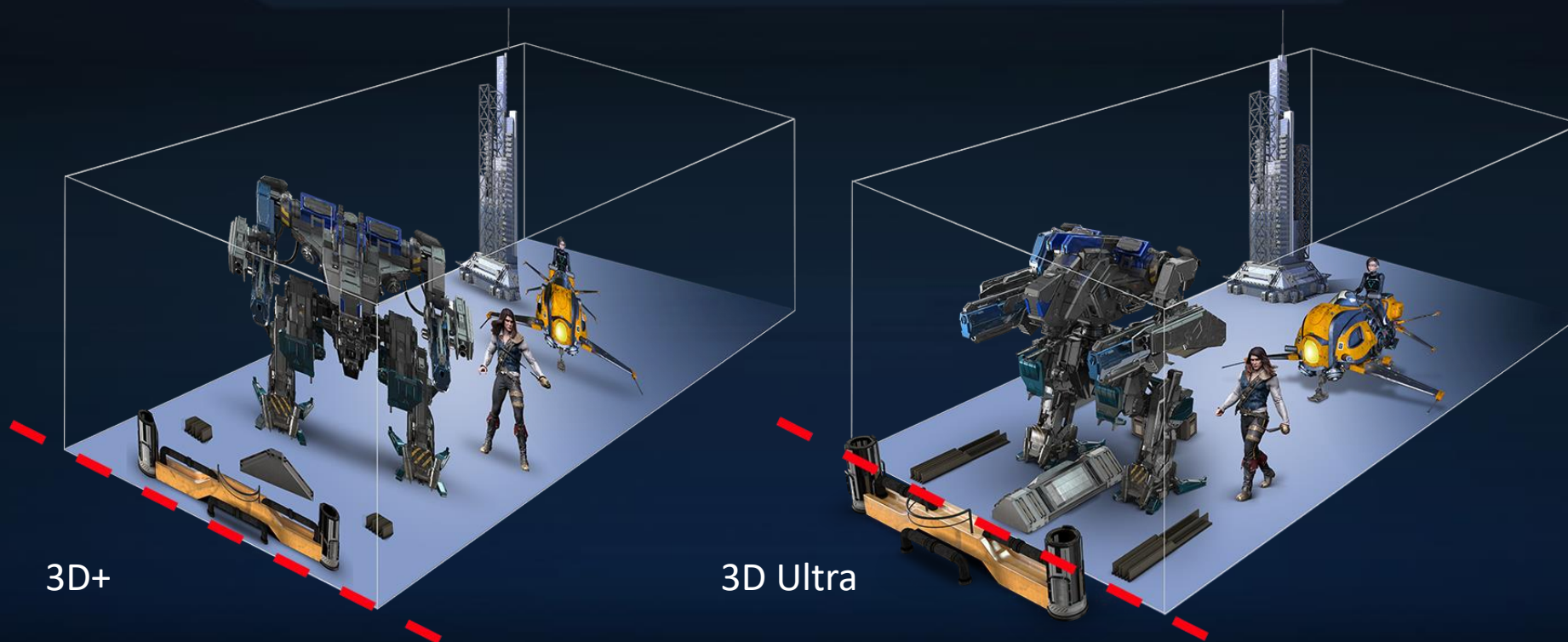
Scene Rendering

Frame end

Insert 2nd Camera

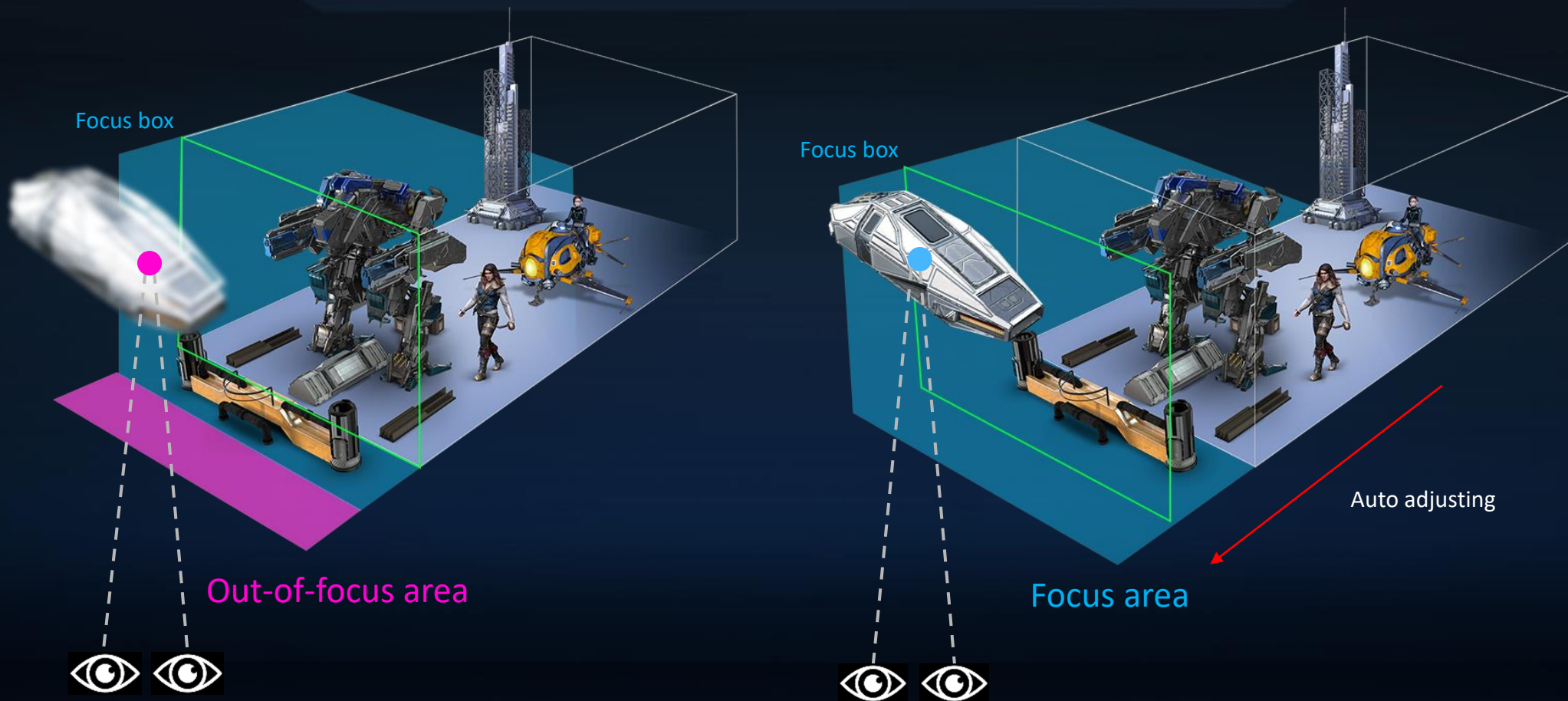
The Ultimate Stereo 3D Gaming Experience

3D Games now be enjoyed with great depth and 3D geometry

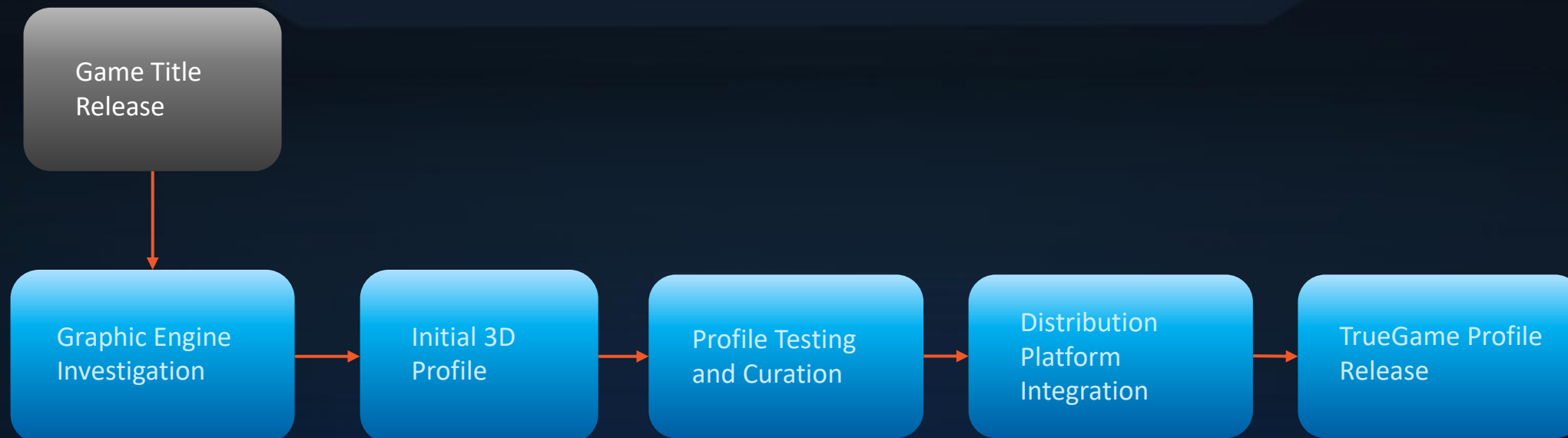


The Ultimate Stereo 3D Gaming Experience now with great comfort

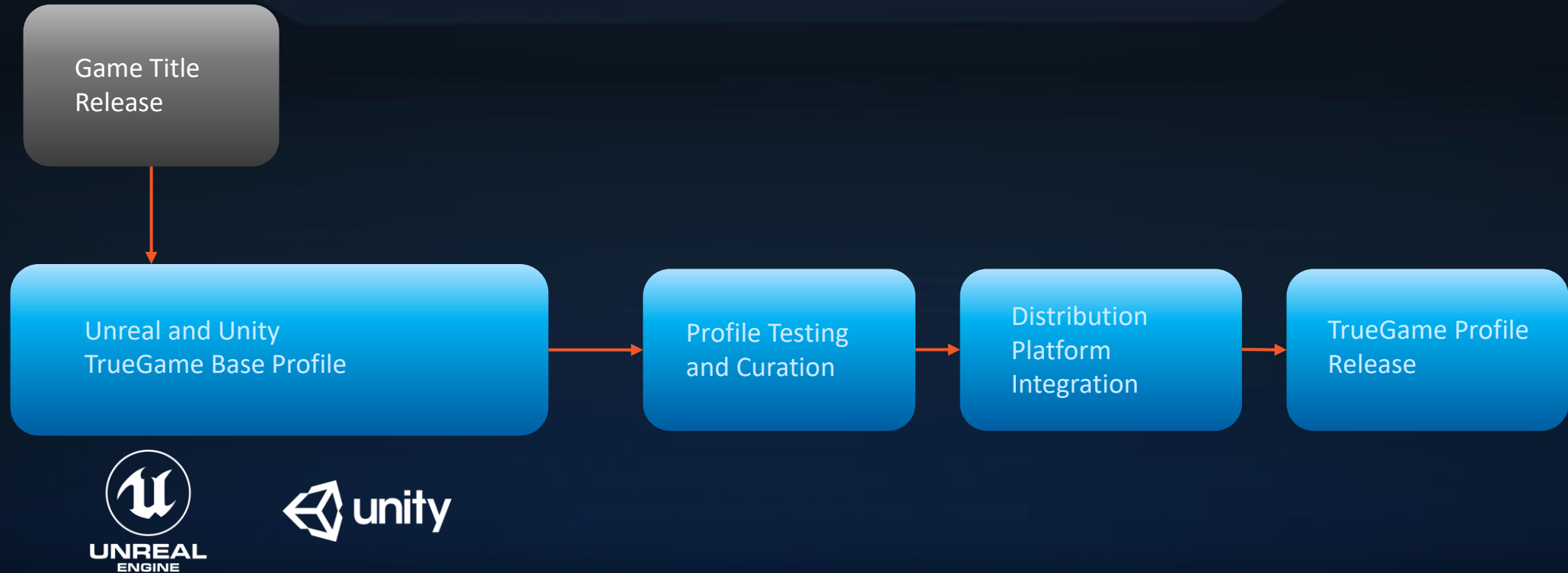
Dynamic auto convergence so all the contents are at its best focus



3D Profile Workflow

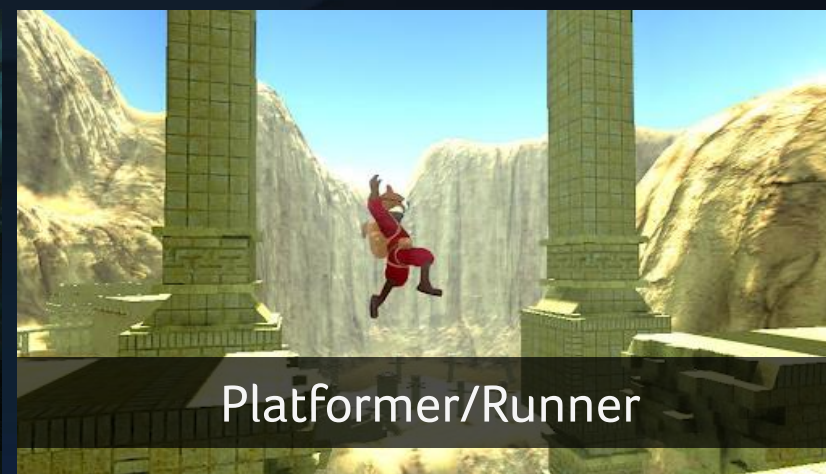
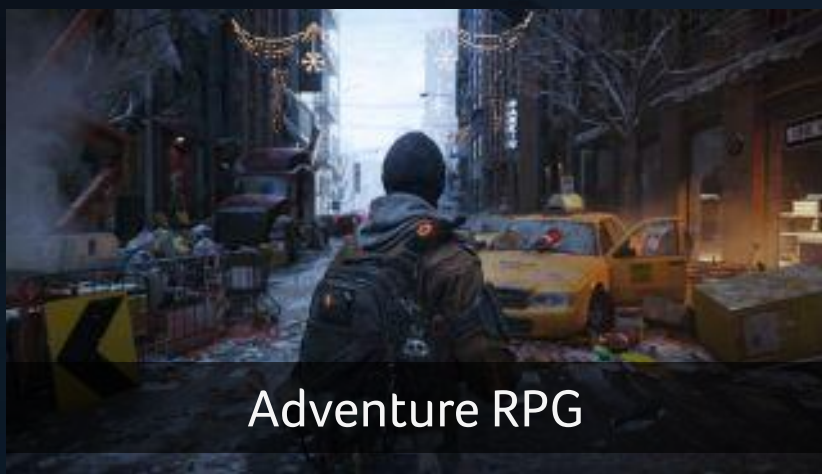


3D Profile Workflow for Unreal and Unity



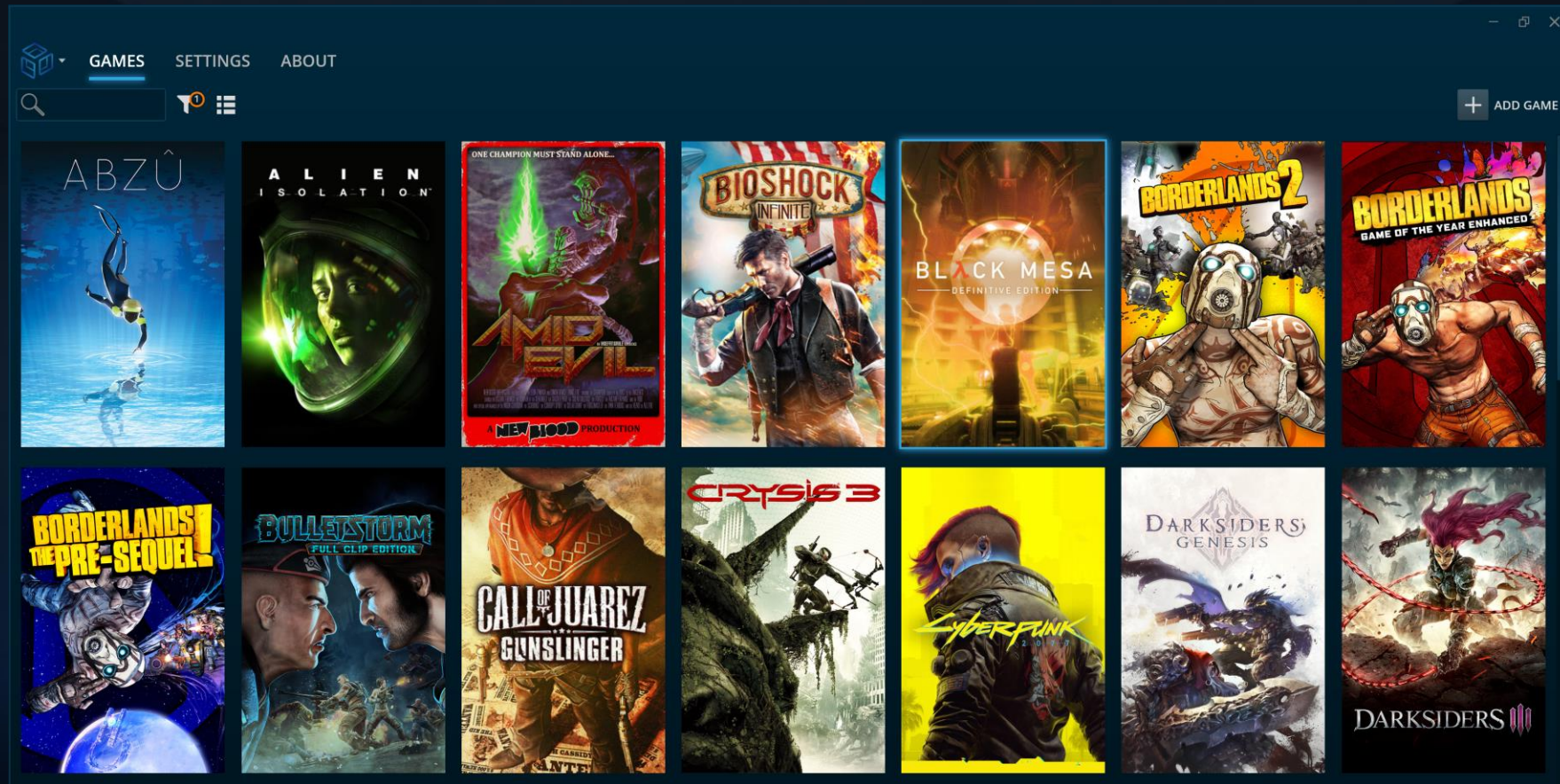
Immersive Stereo 3D Gaming Experience

Game Genres Best Experienced with Stereoscopic 3D



Supporting 80+ AAA game profiles tailored for each game

5 new game titles every month



TrueGame Recap

- Allows Gamers to Truly See the World Game Developers Want to Deliver
- Immersive Stereo 3D Experience
 - One-Click Play
 - Quality
 - Tailored for Each Game
 - 3D Comfort Personalization
- Continues Growing New Title Library
 - 80+ Title and Growing...
- No Additional Work for Game Studios

TrueGame @ CES2023



- Justin Eastzer from CNET "This was freaking awesome"
- "I cannot wait to see where this technology goes."

TrueGame @ CES2023



tom's guide

- Mark Spoonauer from Tom's Guide "Not a Gimmick"
- "Promising first step back into 3D gaming"

Seeing is Believing



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