



VIVID. IMMERSIVE. AMAZING.

QUBICA  AMF



Today's Guests Expect More And Are Willing to Pay More For it!

Many multi-media technologies exist today and have been installed in centers for years with an aim to deliver an on-lane experience that differentiates centers and will WOW customers. But many of these solutions provide low impact, have operating issues and limitations, and offer the same repeating effects over and over again.

Our industry has tried to create immersive experiences with large projector video masks, on-lane LED lights, on-lane projection systems and LED video walls. The result however isn't immersive. These elements alone, don't 'surround' guests and typically offer little impact outside of 'glow bowling' and a dark center.



How can we best leverage the entire on-lane space inventory to surround guests and deliver an immersive and interactive experience?

How do we include on-lane elements that centers already have such as scoring and lane lights as part of this new ecosystem?

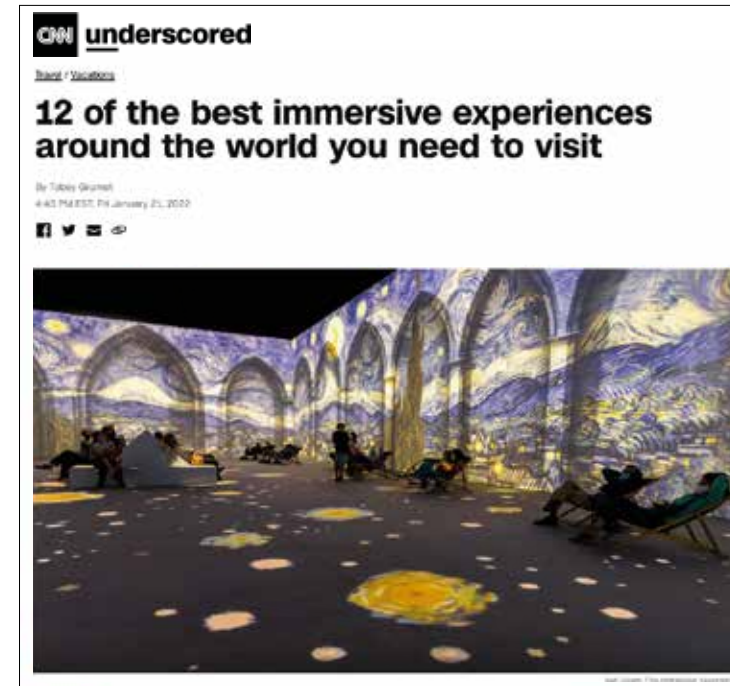
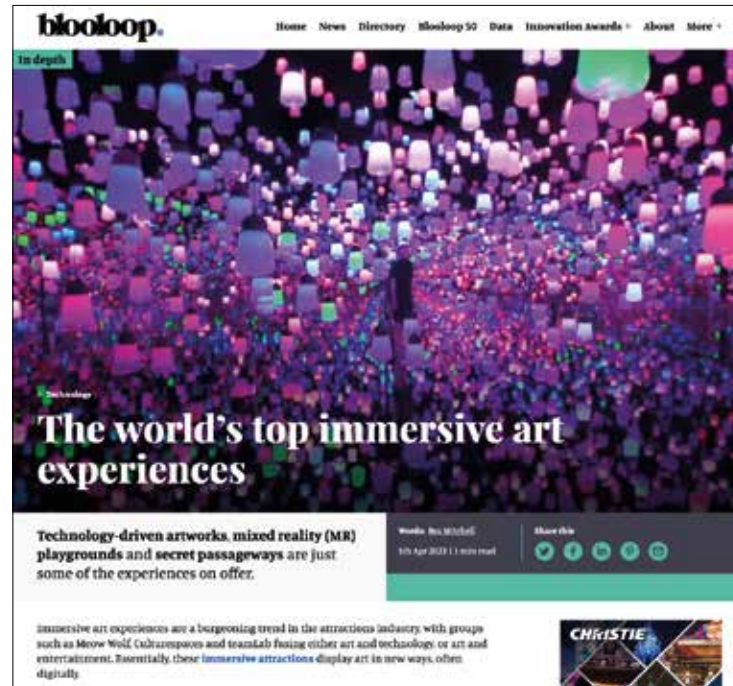
How can we use a mix of technologies and elements that are immersive as a whole and visible in the dark and in the light?

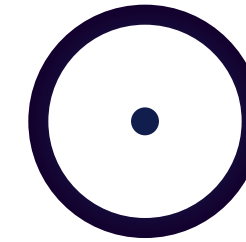
Immersive experiences around the world

One element of technology is not enough. The most ultimate immersive experiences are created through a combination of interconnected technologies.

TRULY IMMERSIVE EXPERIENCES...

- completely surround guests
- are multi-dimensional
- are multi-sensory
- feature interactive technology





NEOVERSE

The new and immersive
bowling entertainment
universe from QubicaAMF

Get ready to immerse your guests in a vivid, amazing, multisensory bowling experience. The Neoverse next-level design delivers new dimensions of sight, sound and sensations that promise to WOW, captivate and attract new and existing guests alike.

Neoverse ensures everything works together and features a center-wide LED video wall, HyperBump lighting, capping and pin deck lights, scoring system integration and a global soundtrack for music and effects.





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What the Neoverse Uniquely Delivers:

1

Designed for endless in-center applications

2

All elements work together to surround and amaze guests

3

Suited for any light condition and time of day

4

Always evolving

5

Smart content deployment

6

Total control from one system

7

Mix and merge with your existing sources and content

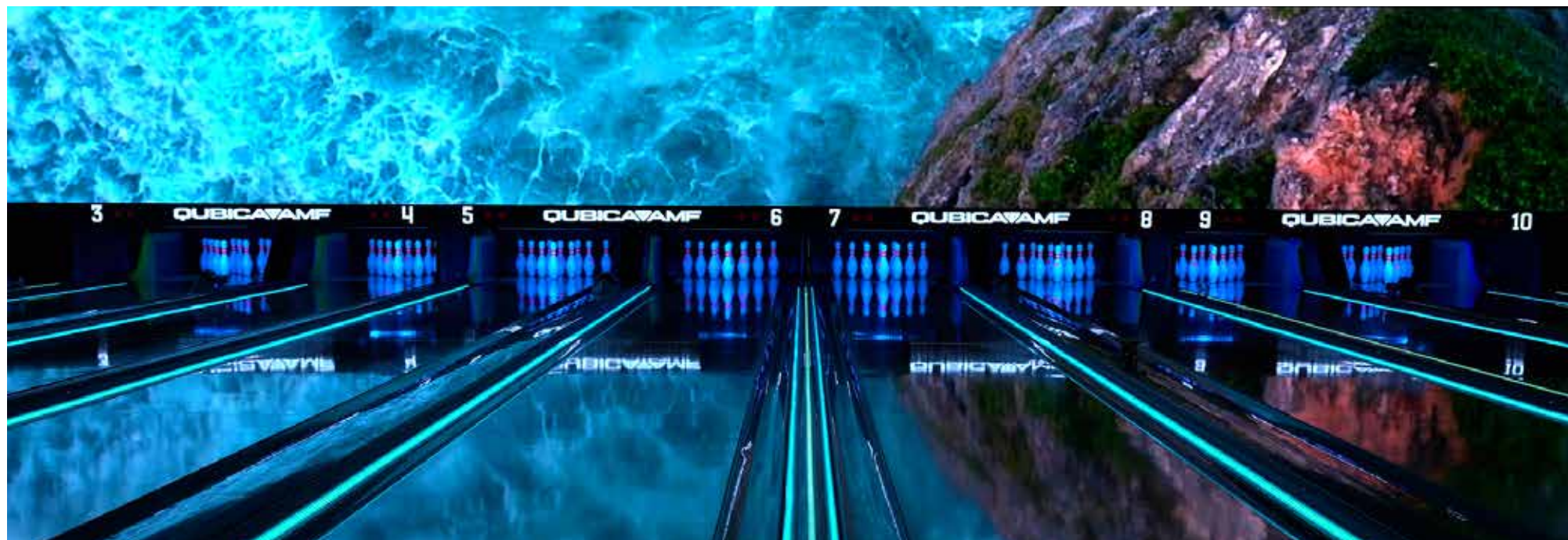
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Fully certified design and delivery for proprietors' peace of mind

1

Designed for endless in-center applications

The Neoverse can be used for open or competitive play, and for events such as birthday parties, corporate parties, gatherings of teens and young adults, late night fun, in-center messaging and promotions, external advertising, and more. Day or night, young or old, special events or leagues, Neoverse delivers the right content at the right time to the right audience.



2

All elements work together to surround and amaze guests

Unlike many multi-media technologies available today that provide low-impact, disjointed, individual effects, the Neoverse technologies and elements are interconnected to ensure everything works together. The Neoverse provides maximum impact because its elements are smartly positioned across the entire bowling area, surrounding guests and programmed to deliver a coherent visual global show with music and sound effects.



3

*Suited for
any light
condition and
time of day*

Most projection and lighting systems are designed primarily for use in dark spaces. Neoverse technologies and elements have been carefully selected to ensure maximum impact with any center lighting conditions—day or night.



4

Always evolving

Neoverse cloud-enabled architecture is designed to deliver new content and software functionality seamlessly to your center. No need to upgrade your systems or manually download graphics. Our Neoverse content production and software engineering team works nonstop to ensure your Neoverse investment continues to deliver value to your center and to delight your guests, day after day.



5

Smart content deployment

With Neoverse, new content is pushed to your system on a routine basis. This dynamic content changes automatically. You can leverage the new content immediately—saving you time while Neoverse continues to awe your guests day in and day out.



6

Total control from one system

The most powerful bowling management system ever, Conqueror X gives you everything you need to take control and get the most out of the Neoverse—fully leveraging every element of the ecosystem seamlessly. Its simple, easy-to-use interface can be used by any center employee to deliver the right experience for the right customer at the right time.



7

Mix and merge with your existing sources and content

Display up to eight different external, high-resolution, live streaming video sources at once including sports, Bowling Music Network and more, while also driving other relevant content. Conqueror X management system will



8

Fully certified design and delivery for proprietors' peace of mind

allow you to manage these existing sources and content to best fit your business. Audio output can be used from videos and scenes for a fully immersive experience.

You can trust QubicaAMF's fully certified design, installation team and installation procedures. Guaranteed. Giving you total peace of mind.



The Cornerstone of the Neoverse

Neoverse LED Wall

Welcome to the highest quality LED wall on the market today—the Neoverse LED Wall. This state-of-the-art LED video wall is the centerpiece of the ecosystem and provides bowlers a vivid, amazing, multisensory bowling experience.

Our LED wall sets the standard in every way. Superior technology, hardware, content, attention to safety, and industry leading warranty makes the Neoverse LED Wall truly unmatched!



The Neoverse is powered by Unity.

Used for video games and movies to deliver immersive experiences, Unity is the world's leading platform for creating and operating interactive, real-time 3D content. The Unity 3D engine makes the Neoverse LED Wall unlike any other with the ability to deliver interactive, modular and engaging content in real-time. Gone are the days of extracting static videos and clips from video libraries. Our Neoverse LED Wall is the only product based on a real-time 3D engine and backed by a team of software engineers and content creators.



Copyright © 2023 Unity Technologies



Access a library of unique, dynamic content, including interactive and reactive content that you can't get anywhere else!



Neoverse Global Shows *(Exclusive)*

The entire ecosystem as one! Exciting content that covers your entire wall with large format video synchronized with sound and lights. The Neoverse does not provide disjointed short video clips cut and pasted from the internet into the video wall. Each Neoverse Global Show tells a full story, is customized and crafted by our creative team to captivate and WOW guests.



Interactive Environments *(Exclusive)*

Reactive content to scoring and other global events happening on the lane make the wall fully interactive for your guests during play. Animations and synchronized lighting effects are 3D and live generated on the screen!



Digital Masq *(Exclusive)*

Drawing from our long history of content and features from our masking library, including retro and vintage masks from the 70's and 80's – great for quiet moments and league and competitive play.



Dynamic Video Modules *(Exclusive)*

Smooth, high resolution dynamic content, with subtle movements for slower, lower energy dayparts. Optimized for the bowling environment.



Competitive Scoring Grids *(Exclusive)*

WOW league and tournament players with their names and scores on the big wall, shared in a professional format.

Content any way you choose!



Video & Live Content Streaming

Play up to eight different external live streaming video sources at once using our robust servers, including favorite sports teams, television, Bowling Music Network and more in a high-energy, high-resolution format. Audio output can be used from videos and scenes for a fully immersive experience!



Content Layering

Layer multiple streams of content together with your own choice of background and multiple layers on top of the base, all in full HD resolution. Easily customize with your own logo, photos and videos leaving an immersive, branded impression on your guests.



Personalized Content

There is no limit to the content you can showcase, including content provided by others. Add that all-important WOW factor and make corporate parties and birthdays special by displaying corporate logos and special images and assets provided by guests!

Automatic Software Updates and CaaS
Ensure you are always getting the latest content, system updates and new features as part of our subscription program.

New Cloud-Based User Interface
Easily customize what is on the big screen, upload new content, visit our content library, and drag and drop selections on the screen in real time. Create playlists and schedules to ensure the right content is being displayed at the right time.



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Neoverse + BES NV

Neoverse is the vivid, immersive, amazing bowling entertainment universe, centered around a center-wide LED video wall with new dimensions of sight, sound and sensations that WOW, captivate and attract new and existing guests alike. BES NV is fully integrated into Neoverse for a more immersive experience.

Neo-Fi Mode

With the new Neo-Fi mode, Neoverse customers can experience the thrill of their play across their SuperTouch LCD screen, the overhead monitor, and the Neoverse LED wall, delivering a cohesive and fully immersive atmosphere.

BES NV connected to Neoverse unlocks exclusive Neoverse Interactive Environments:

- **Neoverse Avatar Alley**
Virtual reality meets bowling fun when bowlers are transformed into 3D avatars of themselves that react to bowling action on the lane and engage with other bowler avatars on the Neoverse wall.
- **Neoverse YouToons**
Get into the game with YouToons! Bowlers take their photos on the SuperTouch console and instantly see themselves transformed into larger-than-life characters and fun animations on the Neoverse wall!
- **Neoverse Birthday Candles**
Deliver a fun birthday experience with unique candle character friends that react to the bowling action on the lanes, and a background full of birthday related graphics on the Neoverse wall to make your birthday celebration a memorable event.

- **Neoverse Monster Birthday**
Celebrate a birthday in monster style! With the ability for birthday guests to transform into custom monster avatars, monsters uniquely react to bowling action on the lane. The special birthday guest is highlighted on the Neoverse wall, overseeing all the action!
- **Neoverse Monster Gallery**
Our lovable Monster Factory characters come to life on the Neoverse wall, reacting to every roll and transforming the bowling experience with interactive fun. Vivid animations and exciting celebrations keep each frame unique and engage guests from start to finish.
- **Neoverse Competitive Scoring Grids**
Transform your bowling center into a stadium for your competitive players. Bowlers see their names on the Neoverse wall, showcasing their accomplishments and scores in a large, easy-to-read format that's great for tournaments and competition.

- **Neoverse Head-to-Head**
Every bowler lives for that moment where they need to strike out in the tenth frame to win the tournament.

Neoverse Head-to-Head highlights match-play games and competitions to bring TV style scoring to your bowling center!
- **Neoverse Red Pin**
Our Neoverse Video Wall puts a new spin on this old classic, ensuring that guests in the center are drawn in to the excitement of looking for the Red Head Pin to come up and give them the chance to win! Celebrate big wins in style for everyone to see!



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NEOVERSE + HyperBowling

HyperBowling is an exclusive bowling-based attraction that is like a physical video game played on a bowling lane. When combined with HyperBowling, NEOVERSE delivers an even greater level of fun including:

- HyperBowl
- HyperBowl Pro
- Hyper Squad
- Hyper Active

HYPER
BOWL

HYPER
BOWL PRO

HYPER
[SQUAD]

HYPER
ACTIVE



Lighting & Sound...

On-Lane HyperBump

HyperBowling lights react to events happening on the lanes and in conjunction with content displayed on the LED Wall.

CenterPunch Deck Lighting

Pindeck Lights react to strikes, spares, gutters and more while adding to the overall immersive effect of the Neoverse.

CenterPunch Capping Lights

Capping Lights enhance and round-out the full on-lane lighting suite, providing an additional splash of color and polish to the Neoverse.

Global Soundtrack for Music & Effects

Deliver exciting content that covers your entire wall with large format video, synchronized with a global soundtrack for music and sound effects.



Immerse your guests in a vivid, amazing, multisensory bowling experience. The Neoverse next-level design delivers new dimensions of sight, sound and sensations that promise to WOW, captivate, and attract new and existing guests alike.

An interconnected ecosystem of technologies, the Neoverse includes an all-new LED Video Wall—unlike any other on the market—that is fully integrated into our products, including the Bowler Entertainment System, HyperBowling,

Intelligent Lighting, and more. It's also backed by a unique cloud-based entertainment library, so you can always add new content to keep things fresh for your guests delivering an unforgettable experience on every visit!



Safety & Installation



Safety & Installation is fully compliant with US (UL) and International markets EU certification (CE).

Custom-built, engineered framing with fully enclosed panels to ensure optimal safety.

Warranty, Maintenance & Support

Warranty

The Neoverse LED Video Wall comes with an industry-leading warranty, hardware and infrastructure warranty for added peace of mind backed by the best technical and electrical support team.

Maintenance

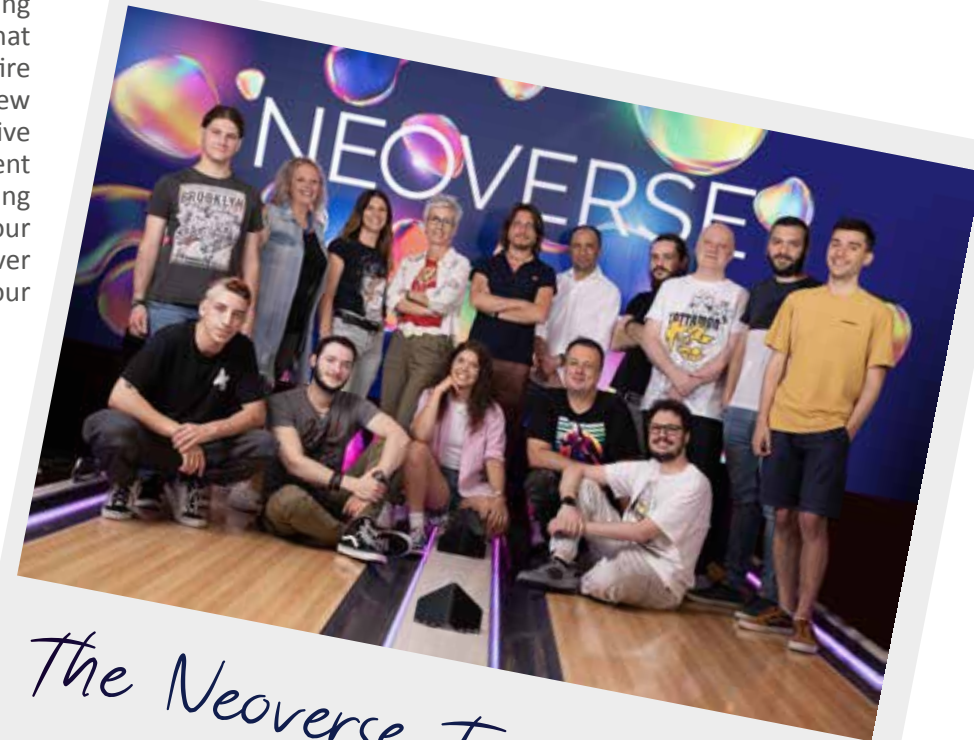
Our hardware is designed to be used all day, every day with an amazing lifespan and no image degradation. LED panels are completely enclosed and can be 'hot swapped' with a spare minimizing operational impact.

Support

We provide first level support for the hardware as well as the software, content and user interfaces. Our product is backed by one of the largest LED providers in the world, who provides next level support on the hardware and any repairs. Local offices in the US, Europe and Asia provide quick turn around on any questions or hardware issues.

Meet our Team,

We truly believe immersive experiences have the potential to take the bowling experience to a whole new level. That is why we hired and formed an entire new team to work on a blend of new content and interconnected immersive technologies. Meet our Neoverse Content Production and Software Engineering Team—working nonstop to ensure your Neoverse investment continues to deliver value to your center and delight your guests, day after day.



The Neoverse Team

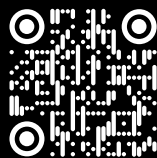
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NEOVERSE

THE NEW AND IMMERSIVE BOWLING ENTERTAINMENT
UNIVERSE FROM QUBICAAMF

Neoverse, the only interconnected, multidimensional universe of technologies that promises to excite, delight, and inspire. Prepare to be captivated!

Scan to learn more



PREPARE TO BE CAPTIVATED.

QUBICAAMF

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