



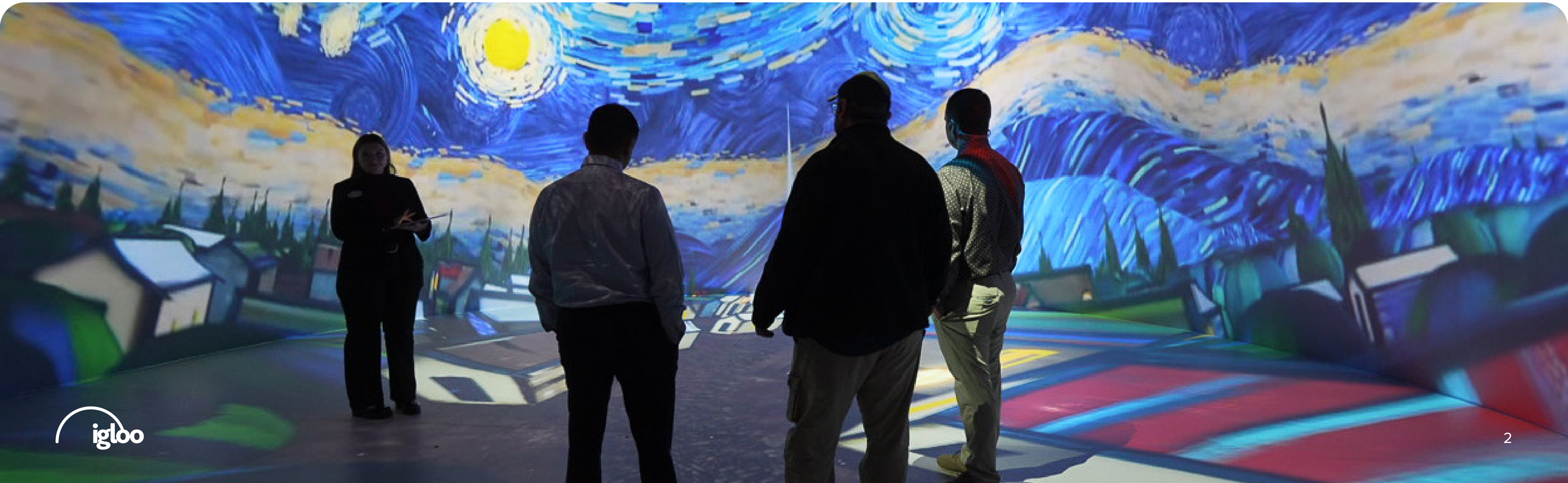
How Igloo Core Engine can be used to bring flexibility and value to large format displays



IGLOO CORE ENGINE FOR LARGE-FORMAT DISPLAYS

You may know Igloo Vision as the shared immersive space company. If you don't know us, the back story is that we created the technology to run 360° projection, cylinders, and immersive rooms. That technology is called Igloo Core Engine.

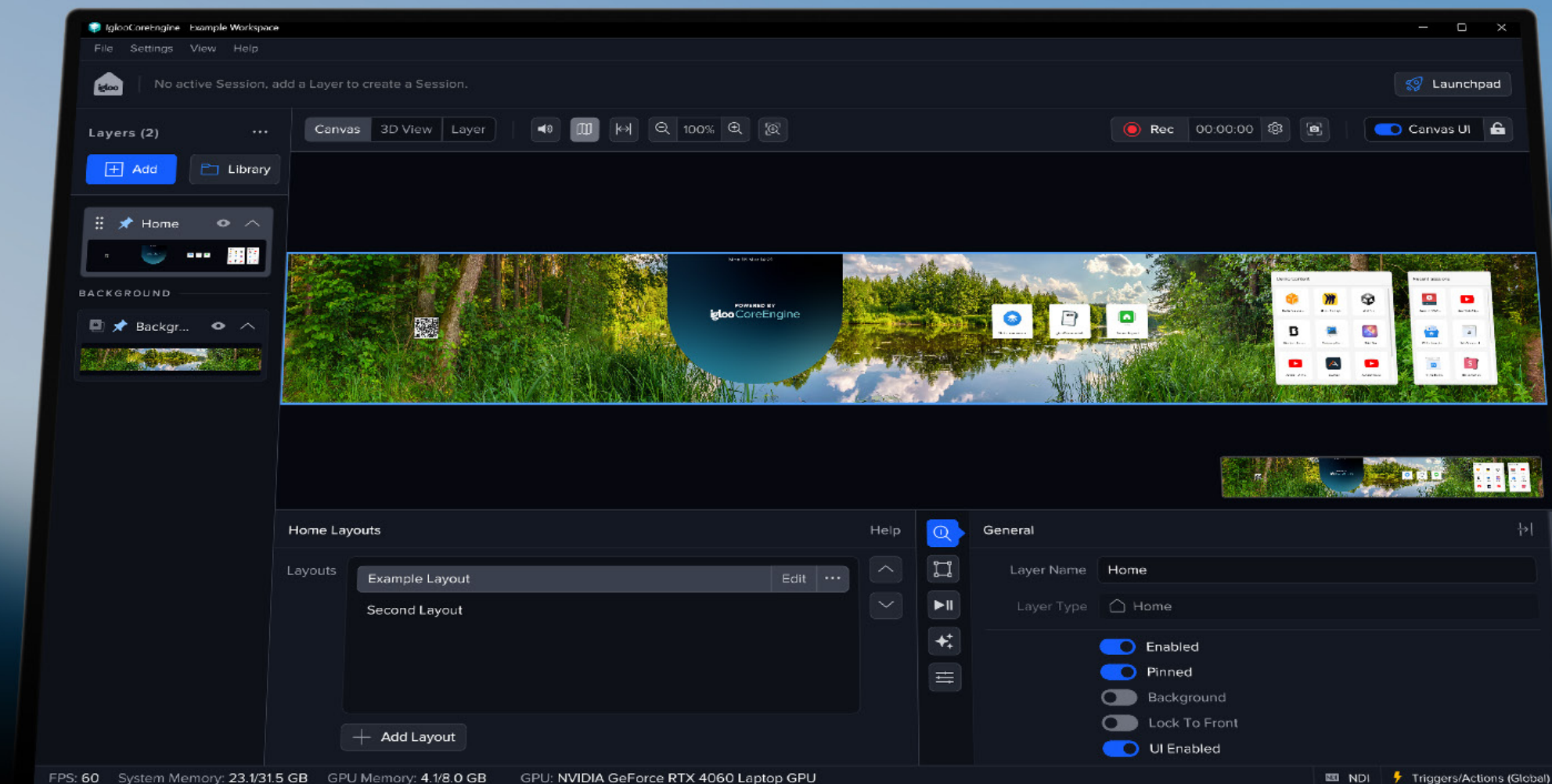
Igloo Core Engine is used by many of the world's most innovative brands like Accenture, Microsoft, EY, Deloitte, WarnerMedia, and more.





Igloo Core Engine is the multi-award-winning software platform for powering immersive spaces.

It makes them easy to set up, easy to operate, and easy to benefit from.



What makes Igloo Core Engine so great for operating immersive spaces, also makes it brilliant for running large format displays.

And, based on their experience, a rapidly growing cadre of Igloo users have started to use Igloo Core Engine to breathe new life into large-format displays like:

- ✓ LED walls
- ✓ Screen clusters
- ✓ Multiple monitor setups
- ✓ Single screens

The fact is, Igloo Core Engine can power any display irrespective of size, shape, or configuration. It takes the complexity out of building, operating and benefiting from these spaces.



So, what is the problem with large-format displays?

You know it, we know it, everyone knows it.

Large-format displays look incredible, and can be used in so many ways. However, the devices and software currently being used to drive them can be inflexible, clunky, and often give a poor user experience.

Considering the considerable investment needed for a large format screen, clients are looking for solutions to frustratingly common issues such as;

- ❌ Displays that look impressive but rarely get used
- ❌ Content systems that only work for one format or one workflow
- ❌ Software that requires training just to change a slide
- ❌ Legacy control centres built for yesterday's AV stack
- ❌ Five different tools needed to run one display
- ❌ Content updates that take days instead of minutes
- ❌ Rebuilding content for every screen format
- ❌ Agency dependency for small edits
- ❌ Multiple vendors pointing fingers when something goes wrong



What should it look like?

- ✅ Simple, intuitive control so anyone can change or launch content in seconds
- ✅ Flexible content support that works with many formats without rebuilding everything
- ✅ One unified platform instead of juggling multiple software tools
- ✅ Fast, scalable content updates across different displays and environments

That's why we have created Igloo Core Engine - Light.

It's a streamlined deployment of the same powerful platform, optimised for flat, modular, and large-scale displays.

The 'Light' edition of Igloo Core Engine is an easy-to-use platform that simplifies how teams create, control, and manage content, so that displays are easier to use and deliver more value.

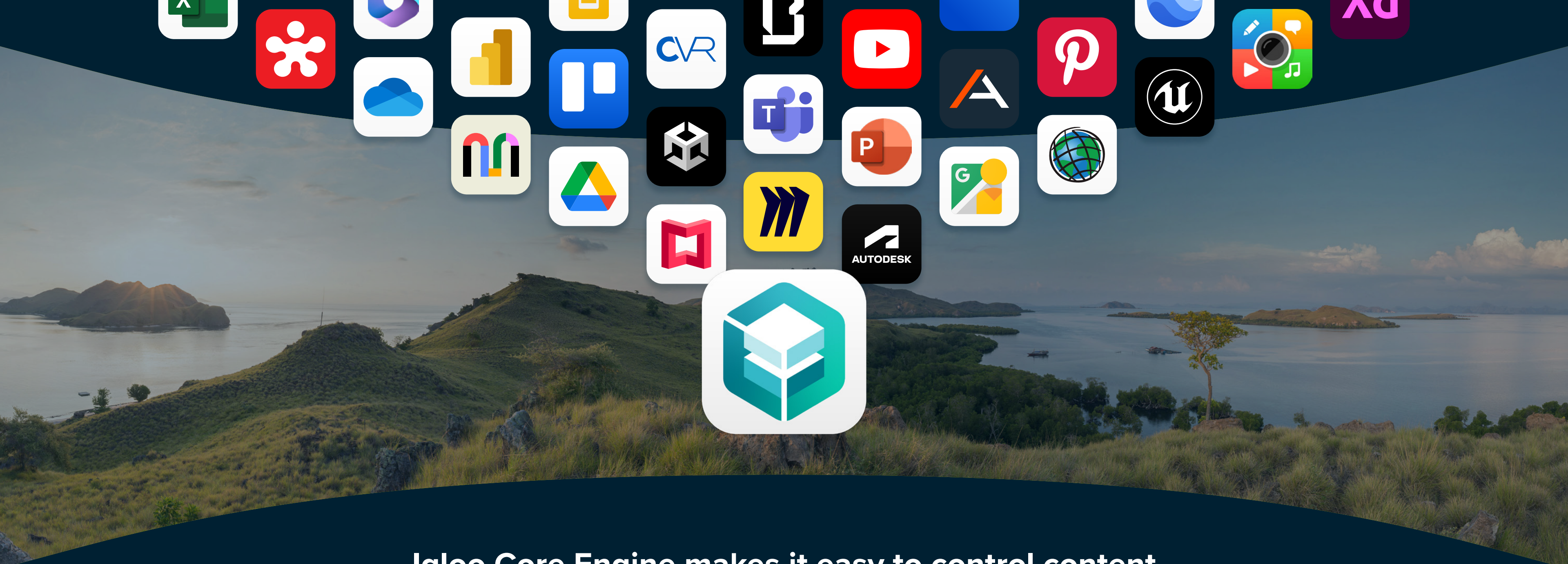
With Igloo Core Engine - Light, displays become:

- ✓ Dynamic, with support for multiple content formats
- ✓ Easy to operate with simple, intuitive controls
- ✓ Easy to manage from a single platform
- ✓ Easy to scale across multiple displays and environments



The result:

Displays that are flexible, used more often and deliver real impact.



Igloo Core Engine makes it easy to control content

The Igloo philosophy is any content, in any format, from any source – with no need for any reconfiguration and no need to fiddle around in complex back-end systems. So, you'll likely find that our software works, out of the box, with all the digital tools you already use in your everyday workflows. And, if any of your content is not included in our ever-expanding list of integrations, we'll work with you to make it playable.

The Light edition of Igloo Core Engine is easy to set up, easy to use, and easy to benefit from.

Easy to use

Igloo Core Engine - Light was built with everyday users in mind. It offers two intuitive interfaces, Desktop UI and Canvas UI, making it simple to launch and control content. If someone can use a phone or computer, they can operate a Core Engine-powered display.

The platform also supports flexible control methods, including the Igloo Control Panel app, touchscreens, and game controllers. This makes displays accessible to non-technical users and easy to integrate into daily workflows.

Easy to set up

Large-format displays often require complex configuration, but Igloo Core Engine - Light simplifies the process with Igloo Setup. Users simply enter key information such as display dimensions, resolution, and display type. The software then automatically prepares the workspace settings to fit the space and generates a 3D preview of the display environment.

Igloo Core Engine - Light can also be installed on new displays in minutes, making it easy to deploy across multiple spaces. Content can be shared between displays of different sizes and formats, with the software automatically adapting it to fit each environment.

Easy to benefit from

Because Igloo Core Engine - Light is simple, stable, and compatible with many content types, teams can quickly embed it into their workflows and start using displays more effectively.

Features such as Workspaces and Sessions allow different teams to save their own content Pre-sets, creating tailored experiences for different use cases. Organisations using both immersive and large-format displays also benefit from having a single platform to learn and manage.

By bringing display control, content management, and deployment into one system, Our Light edition reduces complexity and helps organisations get more value from their displays



Non-immersive case studies



A Global Management Consultant - Houston

This Houston based client selected Igloo software to power its ultra-wide presentation wall within the 'Control Room of the Future' innovation space. The decision was driven primarily by Igloo's ability to deliver highly flexible content with minimal back-end hardware complexity.



A Leading Technology Company - Manchester

After extensive market research, this customer's technical team chose Igloo software to power a large LED welcome wall in their new Manchester HQ. The platform enables real-time, game engine-driven data feeds, alongside custom inputs and widgets, allowing the team to quickly tailor the welcome experience for each new customer.



A Luxury Property Developer - Abu Dhabi

This client selected Igloo software to power two large LED video wall, and an immersive room within its public-facing sales space in Abu Dhabi. Core Engine enables seamless switching between large-format video, real-time data feeds, digital twins, and dashboards. Using a single tablet, presenters can control both video walls and the immersive room, creating a cohesive and engaging customer journey.

R GROUP

مجموعة الدار



دا
السعودية

Features:

Some of the features of Igloo Core Engine - Light include -

Layer based system including:

- WebView
- Video
- Image
- PDF
- 3D Model
- YouTube
- Ai picture generation
- Unity
- Unreal Engine
- Web XR
- App share
- Power Point

Dashboard Regions and Layouts

Define layouts of your screen, and fill with any layer type

Triggers and Actions

Allows users to creation customizable experiences by defining events (or Triggers) that initiate specific Actions of Igloo Core Engine with no code

Ingest

Use NDI or supported capture cards to bring external devices into the platform

Sessions

A collection of layers - whether that be a single layer or multiple layers of content and different input sources that can be recalled at any time

Import & Export

Import Export feature allows for the transfer of layers and sessions, along with associated local assets such as image files, video files, and thumbnails between different instances of Igloo Core Engine

Igloo Core Engine API

Take control of every aspect of your Igloo system. The API enables clients to integrate Igloo Core Engine more deeply with their enterprise applications and room control technologies. Includes OSC, DMX, UDP and TCP communication protocols



Control methods:

Homescreen

The homescreen is where your sessions are saved. Think of it like a giant mobile phone screen that enables you to easily click on and load different content

Igloo Control Panel

A cross-platform application that enables control of particular parts of Igloo Core Engine. Features include casting keyboard, mouse or trackpad to the canvas and an Apps tab for using certain Igloo integrations, such as Streetview, Matterport and Igloo Drop

Igloo Core Engine Canvas UI

Canvas User Interface, or Canvas UI, is our intuitive on-screen toolbar for everyday users of the Igloo space.

It includes all the core functionality in a stripped-down interface

“

Igloo Core Engine has removed a lot of the technical challenges for those using the system. The interface is so intuitive, I can get them going with very minimal training, they just run with it.”

So how do I get it?

We’ve recognised the need for a software package that can support large-format displays.

So, for users who only want it for large-format displays, we’ve stripped out the features created for immersive spaces (like geometry correction and edge blending) and created Igloo Core Engine - Light.

Our Light edition is subject to a low-cost annual license (so you get access to Igloo support and is automatically upgraded to the latest version of the technology).

The software is available to download from the Igloo website and can be trialled for 30 days on most display systems using NVIDIA graphics.



Key Technical Specifications

Supported Display Types	• Large-format LED displays • Projection systems (Warping can be done at projector level) • Standard monitor arrays
Output and Immersion	• Single output window: Content is displayed on a single, large-format screen. • Non-immersive: No support for immersive features such as warping, blending, or True Perspective. • Stereo audio as standard
Supported Resolutions	• Resolution is hardware-dependent: • 1 Nvidia GPU Limit - can split as needed • Monitor needed for control and configuration
Recommended Hardware Requirements, for high resolutions using 3d models	• Operating System: Windows 11 64-bit • Processor: AMD Ryzen • Memory: 32GB RAM • Graphics: NVIDIA - RTX 5000 / 6000 • Storage: SSD recommended for fast content loading
Minimum (for basic operation)	• Operating System: Windows 11 64-bit • Processor: Intel i7 or equivalent • Memory: 16GB RAM • Graphics: NVIDIA - 2080 • Note: NVIDIA GPUs are Mandatory.
Supported OS: Windows 11 64 Bit	• Self-configuration: Integrators configure the system using simplified set-up tool, comprehensive documentation,including setup guides.
Download and activation	• Software is available via the official Igloo Vision website or through your sales representative.
Support Model	• Standard support: Includes access to documentation, troubleshooting guides, and direct assistance for installation and configuration. • Support channels: Support is available via ticketing system and email,



Ready to upgrade your large-format displays?

Igloo Core Engine can support every system, no matter the shape, size or configuration, and bring you a better return on investment for both immersive and non-immersive displays. So why wouldn't you want one software platform that does it all?

TO FIND OUT MORE

visit us at www.igloovision.com

email us on info@igloovision.com

telephone us on +44 (0) 1588 673 337

