

SmartStage Pro

Our Flagship, Fully Featured XR Stage

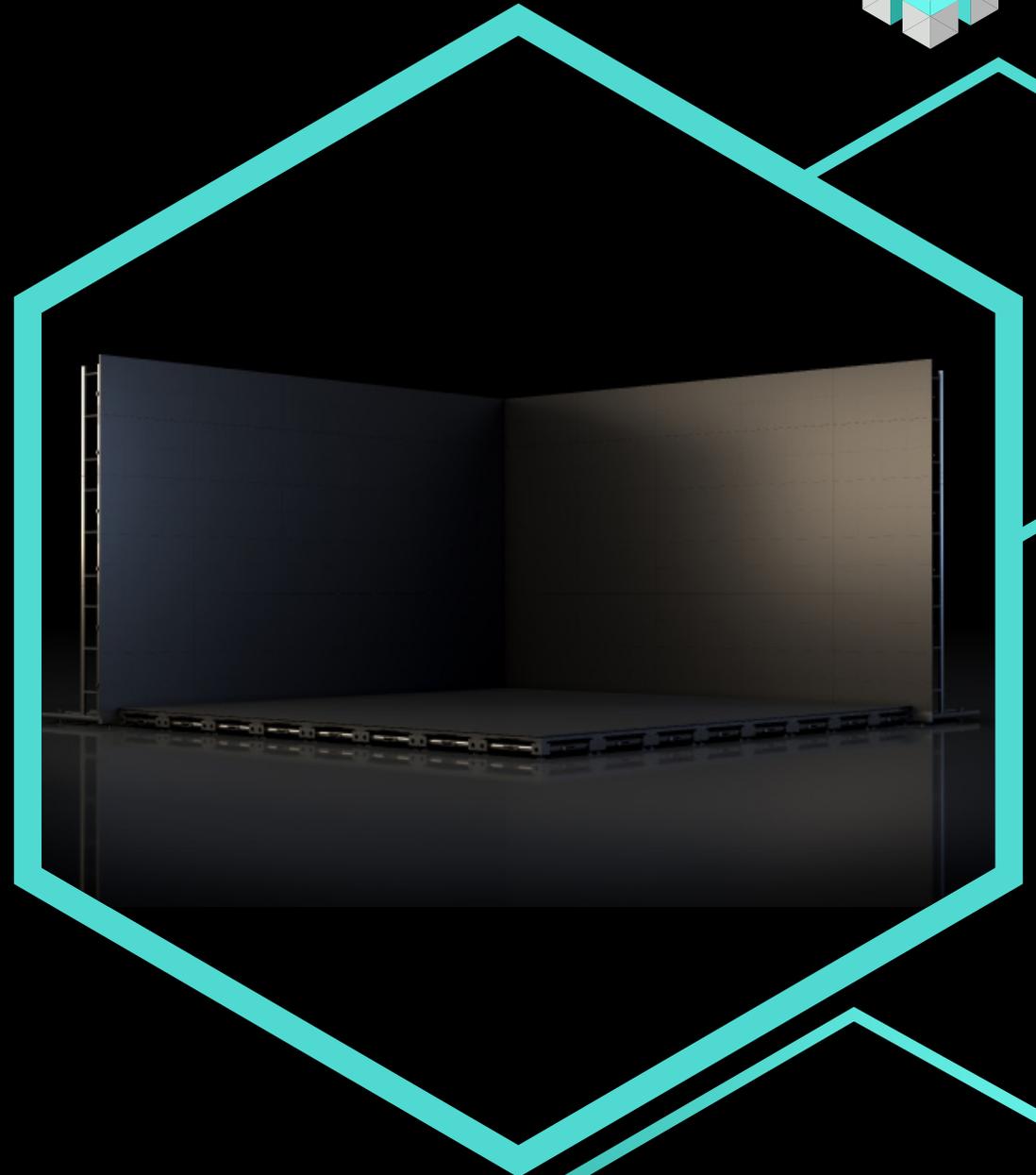




Choose SmartStage® Pro for simple yet flexible installation within large foyers, auditoriums, or studio spaces. This solution is a professional, broadcast grade platform for delivering multi person, large-scale streamed events, seminars and presentations.

SmartStage® Pro offers a multi-cam experience, giving you maximum flexibility to capture a range of different camera shots and perspectives to elevate your production values.

Presenter(s) and any props are fully tracked within the space. Additional layers of complex augmented reality content can also be produced and controlled in real-time by the presenters – achieving much deeper levels of interaction and engagement.



Large-scale, true immersion

The tracking system enables the moving light package included with SmartStage® Pro to synchronise with the presenter for optimum effect. This gives them complete freedom of movement within the environment, allowing them to interact fully with the virtual world surrounding them. Adding trackers to any props used within the space gives the presenter additional tools to manipulate their surrounding virtual world and achieve a unique level of interaction with digital content.

SmartStage® Pro is our flagship XR stage, which builds onto the Immerse stage system and provides a significantly larger footprint. Two large broadcast-grade LED video walls and a larger LED video floor are included, for a truly immersive XR solution on a much larger scale. The durable floor has high loading capacity at 2000kg/m², an anti-skid surface and IP65 rating, for ease of cleaning and protection to maintain a pristine condition. The floor is supplied on a self-levelling frame system and the walls are provided on a free-standing support structure.

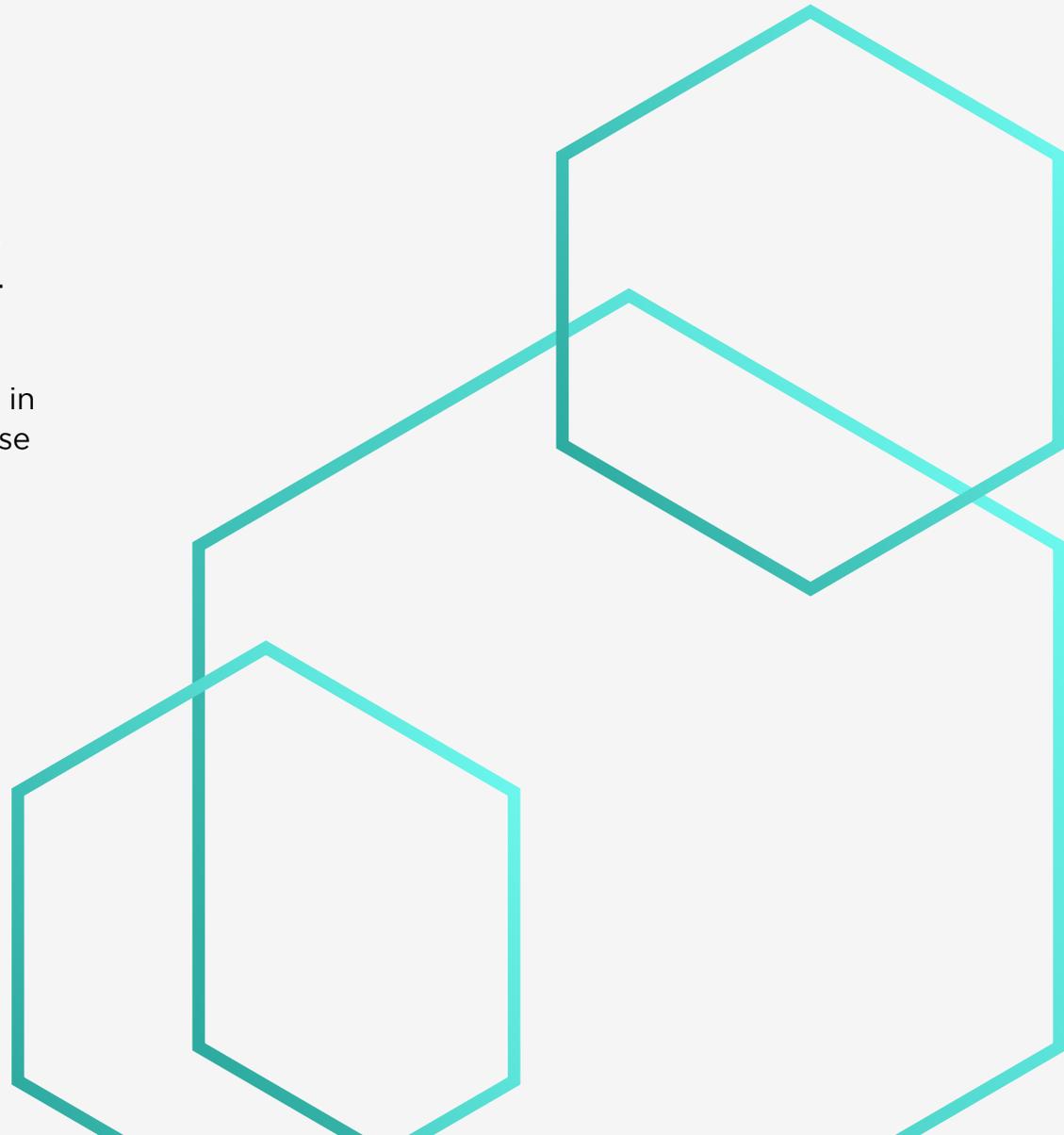




The ultimate multi-person presentation solution

The lighting, audio equipment and tracking system can be attached to a suitable ceiling structure or mounted to a free-standing truss box - available as an additional option.

A broadcast-quality camera on a mobile lightweight arm is provided, complete with a spatial tracking system, which tells the system exactly where the camera is at any given moment. This allows you to capture dynamic camera shots with the background updating in real-time to the perspective of the camera. A secondary pan, tilt, zoom robotic camera provided in a fixed location, offering an additional range of shots to choose from for close camera cuts.





SmartStage® Pro adds a seamless virtual extension, expanding the digital environment beyond the edge of the LED system, fully immersing the camera and remote viewers in a 360° virtual world.

As well as creating full 3D virtual worlds in the background, SmartStage® Pro allows augmented reality 3D objects to be placed within the foreground surrounding your host, to enhance the presentation. These elements could be graphs, logos or props for example, to help reinforce the subject matter and bring this to life.

Software-based video conferencing platforms are fully integrated into SmartStage® Pro, allowing remote colleagues and clients, as well as shared content, to also appear within the environment surrounding the host.

SmartStage® Pro makes video conference integration an intuitive and seamless experience. Simply plug your laptop or presentation content into the system, join a meeting from the built-in video conferencing system and you are ready to go!

The production output from the stage can be fed directly to a video conference call, delivered to a live stream, or archived as a digital recording.





SmartStage® Pro includes a dedicated Operator gallery position when required to support an enhanced level of control for increased and more demanding production requirements. SmartStage® Pro also includes our user-driven intuitive touch-screen display, giving the host autonomy to control all content - effortlessly switching camera shots, screen positions, source content and virtual world backdrops.

SmartStage® Pro gives you additional options at the point-of-sale, for four lapel radio microphones or a ceiling-mounted microphone array. These ensure professional quality audio capture of your presentation for crystal clear audio transmission to your remote audience.





The SmartStage® Pro system includes:

- 5m x 5m x 3m high-resolution broadcast-grade LED wall
- 5m x 5m robust LED floor - 2000kg/m²
- Freedom of presenter and camera movement
- Increased footprint to facilitate multiple presenters and guests within the space
- Virtual set extension and augmented reality graphics
- Render engines supported: Unreal Engine, Unity & Notch
- Integrated video conferencing and streaming platform
- Intuitive, user-driven control, via a fixed touch panel and mobile tablet
- Dedicated gallery control position for operator when required
- Multi-camera set-up – choose from pan/tilt/zoom (PTZ) cameras on tracks, or dolly-mounted tracked cameras
- Configurable presenter courtesy monitors
- Enhanced package for broadcast quality lighting, audio capture and vision mixing
- Presenter tracking system
- Auto-tracked lighting feature to highlight your presenter(s)
- AR Object Tracking
- System upgrades include LED wall size, camera packages, teleportation feature, radio microphones and much more





Systems Integration

The core system will be delivered as a self-contained, racked solution with patch panels for connectivity to the building's main infrastructure and any locally provided sources. This significantly reduces the installation and setup time needed on site.

IP-based KVM's, network switching, and signal/data distribution is supplied and installed within the rack to allow for remote operation of all servers and devices. An iPad and wired touch-panel interface is provided for triggering of presets and user-driven content control within SmartStage® Pro. The iPad is included with a charging docking station. A dedicated wireless access point and firewall router is also provided to enable self-contained wireless control and remote support options.



Full Turnkey
Integration



User Control
Interface



Remote
Support





Professional Services & Support

White Light will fully install and commission the SmartStage® Pro solution on-site. If the pre-installation survey indicates that any structural, electrical or HVAC works are required, White Light's Installations team will assist in managing your third-party vendors to complete all works to the required level, prior to installation. Your SmartStage® comes with full training in user operation and first-line technical support for the SmartStage® Pro solution. A range of options are available for Service Level Agreements, including hardware and software maintenance packages, providing tailored support for your XR studio - all managed from our dedicated Operations Centre.

All SmartStage® products come with a fully branded, multi-location, virtual world. This allows your team to gain hands-on training and develop their skills in XR and system utilisation from the outset. We also include a few complimentary demonstration virtual stage concepts, to inspire your creative team for the design of your next virtual world. Bespoke virtual environments can also be provided via our worldwide creative partner network.



Fully
Commissioned

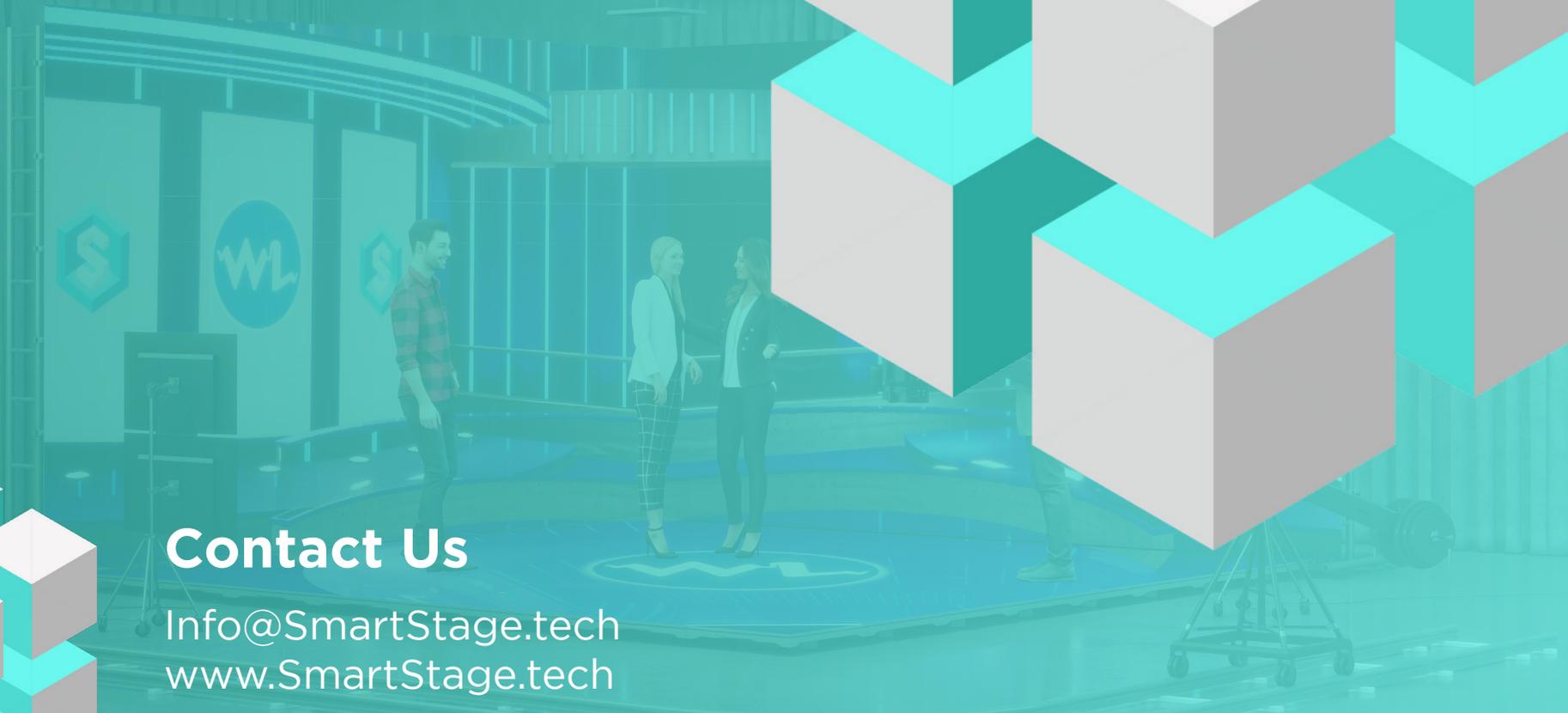


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