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SkyView, Digital Cinema 4K (UHD)
Virtual Window

Sky Factory unveils SkyView™, the World's 1st 4K (UHD) Virtual Skylight with Feature-length Scenes

September 27, 2017 – Sky Factory SkyViewTM is a high-tech architectural illusion of sky designed to restore occupant comfort and wellness in enclosed interiors via a ceiling-mounted, digital portal that portrays the dynamic beauty of sky events in unedited, real-time sequences lasting an average of 90+ minutes.

SkyView offers architects and designers an innovative architectural feature to mitigate the deleterious impact of isolated spaces by restoring access to a healing view to nature. Using the highest quality image capture and the most realistic skylight framework, SkyView displays the dynamic beauty of nature's skyward events, triggering the automatic "Relaxation Response" in the observer's physiology; the same therapeutic response we experience outdoors, in nature.

Designed as a self-contained system, SkyView embeds a professional-grade monitor *rated for horizontal use* within a faux skylight framework to create a simulated portal to open skies. By seamlessly combining visual content to architectural context, interior designers and facility planners can incorporate a genuine, multisensory illusion that imbues isolated environments with a restorative conduit to open skies.

"Rather than distract people in a claustrophobic environment with a constant stream of audio-visual content," says Skye Witherspoon, CEO of Sky Factory,



SkyView is designed as a genuine architectural feature to a perceived open space.

"we looked at the neuroscience of a calm physiology. We quickly learned that any interior environment providing an engaging change of scale—that is, a view into a larger, natural space—is the most effective way to reset and recharge mind and body.

"That's why a window view to wild, undisturbed nature is the hallmark of good architecture," adds Skye.

As a fully integrated digital cinema system, SkyView features eight hours of real-time, unedited scenes of beautiful sky events—evolving clouds, overhanging branches and

blossoms, even occasional fauna—that generate a relaxing psycho-physiological experience.

SkyView's unedited, feature-length scenes are designed to reduce mental agitation and make waiting periods in any confined interior less distressing. The virtual skylight's proprietary content is framed, captured, and composed by Sky Factory artists to create a *perceived* zenith above the observer. SkyView's content is never looped and does not contain jump-cuts or accelerated motion.

"All distraction technologies focus on content variety and ease of use across multiple device platforms, none of them architectural by design," adds Bill Witherspoon, founder of Sky Factory. "Our goal was simple. Make any ceiling, no matter how isolated, an architecturally transparent connection to open sky via a credible *illusion of nature*.

"When the observer looks up and marvels at the moving *Open Sky Compositions*, we've captured their imagination. When that happens, mind and body are

already experiencing the vastness of the sky. They're no longer beholden to the confining interior space that caused their initial distress" adds Bill.

SkyView takes into consideration the cognitive role of environmental context in how we process visual stimuli. A careful review of neuroscience literature reveals that contextual cues alter how our brain interprets visual images, changing the way our physiology experiences interior environments.

No other monitor-based platform is designed to seamlessly blend into interior architecture. SkyView makes the most claustrophobic environments, transparent and restorative. SkyView's Ultra High Definition footage delivers 4X more detail than full 1080 HD content with an overall resolution of **3,840** pixels X **2,160** pixels.

Its self-contained system is encased in a custom designed aluminum enclosure that ensures effective convection, ensuring continuous airflow and proper ventilation. All components are industrial-strength for commercial use, designed to withstand thousands of hours of continuous, 24/7 operation.

The system comes with an 8-button illuminated keypad interface that makes menu navigation simple and easy to use. SkyView requires less than 10" above the ceiling for clearance, making it adaptable a number of commercial building applications ranging from healthcare and education to eldercare, corporate and hospitality settings.

Keywords: #BiophilicDesign, #VirtualSkylight, #Healthcare, #SeniorLiving, #InteriorDesign

About The Sky Factory

The Sky Factory, LC is a unique fine art and technology company based in Fairfield, Iowa, USA. Founded in 2002, the company creates realistic *Illusions of Nature*™ - virtual skylights and windows - that transform interior spaces. Applications include healthcare environments, senior care facilities, schools, workplaces, hotels, spas, retail, and luxury homes. Sky Factory's new digital cinema product line features *Ultra*HD motion and sound displayed on professional-grade LED edge-lit HD LCD monitors. For more information and a list of International Partners, visit www.SkyFactory.com.