NXT Health Patient Room 2020
Partner Fact Sheet

NXT Health, a non-profit organization that promotes change in the healthcare industry through sponsorship of design innovation, enlisted a collection of partners to collaboratively bring Patient Room 2020 to fruition.

**Allstate Flooring**

- Inherently anti-bacterial flooring does not support the growth of new bacteria. Quiet and softer underfoot means decibel-reducing qualities and less stress on the body in almost all physical activity taking place on the floor. Provides more comfort underfoot for people standing for long periods of time. Allstate Rubber flooring has a very low porosity rate, and as a result, does not require chemical sealers or waxes which can otherwise trap unwanted microbial materials and allergens.

**Amuneal**

- Nearly half a century old, Amuneal is a custom manufacturing company with a focus on the deeply technical and the deeply visual. Our customers are industry leaders in the medical, aerospace, design and architectural fields that look to collaborate on the best solutions for their most difficult challenges. Amuneal’s team of Engineers, Designers and Artisan Fabricators has helped to build our reputation as creative problem solvers, obsessed with the details. The opportunity to collaborate with NXT seemed like the perfect fit for us- blending a highly engineered design to help create this very special patient room. From the initial contact through the final installation the entire team remained focused on the success of the whole while fully cognizant of the value of each of its discrete parts. Their vision, passion and flexibility was a terrific motivator and model for a collaborative project.

**Armstrong® Commercial Ceilings**

- Armstrong Axiom® Field Face Plate pre-engineered extruded aluminum. This system is used to create a ceiling perimeter with a 6” TechZone visual for a simple, clean look that integrates technical services such as lighting and air distribution. Optima® Lay-in ceiling panels with 15/16” Prelude suspension system - smooth textured Optima provides excellent acoustical absorption, light reflectance and durability including impact, scratch, and soil resistance.

**Barrisol® USA**

- BARRISOL USA is the world leader in stretched ceilings, providing luminous ceilings in clean and hygienic large formats for use in hospitals, museums and prestigious commercial spaces.

**Bendheim**

- Bendheim’s Houdini™ is a specialized decorative architectural glass. The low-iron glass lets in maximum daylight, while its fine, micro-ribbed surface reduces glare and provides an astonishing level of privacy. Houdini’s outstanding daylighting properties make it a superior, budget-friendly alternative to expensive or cumbersome mechanical daylight and privacy controls, as well as dust-
collecting curtains and blinds. Its contemporary linear pattern, durability, and naturally hygienic non-porous surface make it a timeless, versatile design element.

Christian Rae Studio

- Christian Rae Studio brought the NXT design team’s vision of lighting the room and user experience to realization while incorporating the products supplied by the other contributors. They provided lighting design, specification and detailing to help create the patient halo feature lighting element as well as the other architectural in the space.

Cleankeys®

- We donated one of our hygienic computer keyboards (also called Cleankeys) to the project. Computer keyboards present a problem in healthcare environments because they are difficult to clean, they take time to clean, and if they are cleaned, it’s difficult to tell whether or not they have been cleaned effectively. Cleankeys (www.cleankeys.com) solves this problem because it has a flat, non-porous typing surface which makes it quick, easy and effective to clean. It is an ideal keyboard to use in healthcare environments where computer keyboards become contaminated so easily. With Cleankeys, all you have to do is spray & wipe and your keyboard will be clinically clean in seconds.

DuPont™ Corian®

- DuPont™ Corian® solid surface was selected as the predominant material used throughout the project because it is non-porous and when properly cleaned, does not support the growth of mold, mildew and bacteria. The full-scale prototype of Patient Room 2020 was constructed and will be tested at the DuPont™ Corian® Design Studio in New York City, which is a hybrid idea incubation-showroom space that aligns with the experimental and forward-thinking nature of the installation. The DuPont™ Corian® Design Studio is a three way partnership between DuPont, solid surface fabricator Evans & Paul and distributor Dolan & Traynor.

Evans & Paul

- Evans & Paul partners with the most creative thinkers in the design world to develop truly innovative products and solutions for the industries we serve. Evans & Paul, along with DuPont and Dolan & Traynor, launched the DuPont™ Corian® Design Studio in 2010 as an open platform to develop, deploy and test revolutionary ideas. Working closely with NXT Health, the Evans & Paul team adapted its existing product portfolio with new features and developed a number of key new product lines, including a revolutionary solid-surface headwall system with modular functionality, and a new line of in-wall medical cabinets that marry seamless integration in the environment with the ability to adapt to changing needs by simply exchanging the doors. In all, Patient Room 2020 contains 14 Evans & Paul pre-engineered products, seven existed in our portfolio and seven are all new. Evans & Paul was also a key supporter of the entire Patient Room 2020 team developing numerous custom integrations between the DuPont™ Corian® surfaces and partner devices, including custom grab-bar integration, electronic interfaces, led lighting and plumbing fixtures.

Flexhead Industries

- FlexHead introduced our FM approved and UL listed commercial sprinkler system which is designed to be used in commercial buildings. FlexHead uses the same flexible hose technology used in semiconductor clean rooms and adapted it to accommodate the commercial sprinkler market. The FlexHead product is the only flexible fire sprinkler fitting that has been through full scale seismic
qualification testing using the “ICC AC-156 Seismic Qualification Testing of Non Structural Components”. The FlexHead product is FM 1637 approved and UL 2443 listed.

Häfele

- Häfele America Co. is a proud partner of the NXT Health Patient Room 2020. As a project that allows design professionals to collaborate with industry partners to improve patient experiences and optimize caregiver performance, the Patient Room is a perfect fit for Häfele innovation. Häfele delivers enhanced functionality through furniture and architectural hardware components for cabinets, doors, kitchens, bathrooms and other living and working environments. The Health Patient Room 2020 features hardware accessories for cabinets and the bathroom, adding style and maximizing efficiency of the space. For more information about Häfele America Co., please visit www.Hafele.com/us.

Handicare

- Handicare is proud to be a part of the Patient Room 2020 by providing Safe Patient Handling equipment and products. Handicare U.S., is located in Allentown, Pennsylvania and works with over 400 partners nationally to provide Safe Patient Handling, Mobility and Accessibility equipment to people with disabilities, aging and elderly individuals residing at home or in hospitals and nursing homes. With significant growth over the past year, Handicare US is well positioned to assume leadership roles in safe patient handling and improved patient outcomes, both of which are areas of strategic concern for healthcare administrators and caregivers.

Healing Hands

- Healing Hands, a medical apparel company, partnered with Milliken to create product that incorporates BioSmart. It significantly advances the function of medical apparel. BioSmart fabrics are as beautiful and comfortable as they are functional.

Holosonics®

- Audiospotlight Holosonics solved the problem of noisy and distracting televisions in patient rooms by adapting the Audio Spotlight technology for the Patient Room 2020 concept. The Audio Spotlight technology is a unique, highly-directional loudspeaker that sends regular sound in a tight, narrow laser-like beam, where it is heard only by the patients - and without the need for headphones. By keeping sound confined to the patient bed, patients can enjoy their media entertainment privately, while quiet, comfort, and serenity are preserved for others nearby, benefiting patients and staff alike.

Infinity Drain

- Inspired by the trench drain, Infinity Drain linear drain systems are available in multiple lengths and styles. Infinity Drain offers the only site sizeable linear drain, which allows the channel length and outlet placement to be modified on-site for easy set-up. Infinity Drain linear systems eliminate the traditional center drain that requires pitching the floor in four directions, allowing you to pitch your surface in one direction resulting in no limitation on tile size or slab material.
Intense Lighting

- Developed especially for this project, the LED touch sensor Grab-Rail from Intense Lighting provides an integral nightlight within its sleek, stainless steel rail. The Grab-Rail offers convenience, energy efficiency and product economy. Cool to the touch while providing a sufficient soft light in the bathroom, it is ideal for any health care or assisted living environment. In addition, Intense Lighting is providing 10 energy-efficient recessed downlights that are installed above the bed. The IV3R-LED is a small, but powerful 3” luminaire that offers bright light in low-voltage housing – 12V MR16 LED, 10W max.

Linet Americas

- Linet Americas, based in Charlotte, NC, sells innovative beds for the ICU and Medical Surgical environments that promote patient and nurse safety, facilitate early mobilization, assist in better adherence to turning schedules and help reduce infection rates. Customers benefit from the value Linet brings through their cost effective, quality products and their unique approach to the hospital bed market. The Multicare® bed, showcased in Patient Room 2020, offers unique features such as Mobi-Lift® sit-to-stand mobilization and frame-based lateral tilt to help caregivers safely turn and mobilize critically ill patients. The Bodyzone™ iGel mattress provides superior pressure redistribution and enhanced patient comfort through specialized gel infused, visco-elastic foam. Patient Room 2020 also features the LINis central monitoring system from Linet. LINis monitors and reports caregiver alerts that can be customized to meet the specific needs of a hospital.

Lutron

- The RadioRA® 2 wireless control system from Lutron provides convenient, remote control of overhead and bedside lights, motorized window treatments and thermostats. In the Patient Room 2020, from a wall-mounted keypad, users can turn lights on, off, or signal an emergency – making this an ideal solution for assisted living and senior communities. This specific system includes RadioRA 2 dimmers, wall-mounted keypads and a wireless, handheld device, called Pico®, which provides convenient control for people with limited mobility. Hailed as the pioneers of the dimmer, Lutron has been controlling lights in homes and offices around the world since 1961.

Milliken®

- Milliken® has collaborating with the NXT Health on Patient Room 2020 and is showcasing BioSmart®, an innovative fabric technology that harnesses the sanitizing power of chlorine bleach to reduce the spread of bacteria and viruses. Since the design of the project addresses the improvement of patient and caregiver experience in the area of soft goods, we are proud that BioSmart is featured in the medical apparel and linens used in the space.
OSRAM Sylvania

- OSRAM SYLVANIA is a leader in lighting solutions and services, specializing in innovative design and energy saving technology. The company sells products for homes, businesses and vehicles primarily under the SYLVANIA brand name, and also under the OSRAM brand. Headquartered in Danvers, Mass., OSRAM SYLVANIA is the North American operation of OSRAM GmbH. Solutions in Patient Room 2020 include:
  - SYLVANIA ULTRA RT4 LED Recessed Downlight Kit – Located in ceiling towards the patient’s bed
  - SYLVANIA Adjustable MR16 LED Retrofit Downlight – Located above patient bed in an adjustable retrofit housing by Intense Lighting
  - Linear Flex RGB and White Protect LED Strip – Located in staff work area and wash station
  - HF2 Narrow Stick LED Module – Located behind backlit storage vanity in patient bathroom

OSRAM Traxon

- Traxon Technologies, together with its control brand, e:cue, is a global leader in solid state lighting and control systems providing complete, sustainable and intelligent lighting solutions. Working with our extensive partner network, Traxon & e:cue transform creative visions into unforgettable lighting experiences, elevating architectural, entertainment, hospitality, and retail environments around the world. Solutions in Patient Room 2020 include:
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PK-30 System

- PK-30 System is a meticulously designed and engineered aluminum wall system providing a flexible, environmentally friendly and cost effective way to divide interior space. The System can be used in widely varying configurations including sliding doors, hinged doors, pocket doors, folding walls and fixed panels, all utilizing the same aluminum profiles resulting in a unified design program. The system accepts any 1/4” to 1/2” thick panel material allowing unlimited design choices. Components are extruded from high-grade 6000 series aluminum alloy with 62% recycled content, allowing narrow profiles that are rigid and lightweight. Satin anodized finishing gives the material a soft sheen that resists corrosion and is easy to clean.

Skanska

- Skanska USA, a leading construction, engineering and development firm in the U.S. with a dedicated Healthcare Center of Excellence (COE), handled construction management and scheduling oversight for Patient Room 2020. Once NXT Health finalized Patient Room 2020’s design, Skanska joined them in pre-build discussions to offer consultation, ensuring the pioneering patient room’s sophisticated technology and materials were flawlessly incorporated. Skanska USA constantly works alongside design and engineering professionals to create space that adapts with the rapidly evolving healthcare industry, and Patient Room 2020 illustrates how industry wide collaboration produces original solutions for suiting a patient’s ever-changing healthcare needs.
Smith Seckman Reid

- Smith Seckman Reid, In. (SSR) helped to guide the technology integration for patient centered care and improved clinical workflow of Patient Room 2020. SSR has organized and hosted summit meetings to discuss, review, and document the impact of mobile technology on the delivery of healthcare. These day-long sessions included clinicians, IT and related health organization technical staff and other consultants to identify trends, uses and impact of mobile technology.

Synapse

- The needs of Patient Room 2020 forced Synapse Audio Visual Designs to look outside of the box on what is possible with today’s lighting control technology. The isolation that patients feel can be debilitating; Synapse strives to integrate all the technology of home into an intuitive and easy to use interface that meets the needs of anybody, regardless of age, ethnicity, or social background.

Trufig

- Trufig is the revolutionary design solution that makes different technology from various manufacturers share a consistent aesthetic, be completely flush-mounted and match the wall or ceiling surface.