



EDISON BEST NEW PRODUCT AWARD

2022 Winners

We are proud to announce the winners for the 2022 Edison Awards™. The Gold, Silver and Bronze Winners are chosen as the “best of the best” within their respective categories by some of the world’s top senior business executives, designers, academics and innovation leaders.

Being recognized with an Edison Award™ is one of the highest accolades a company can receive in the name of innovation and business success. The Edison Awards honor excellence in new product and service development, marketing, human-centered design and innovation. We congratulate all of our winners for their accomplishment!

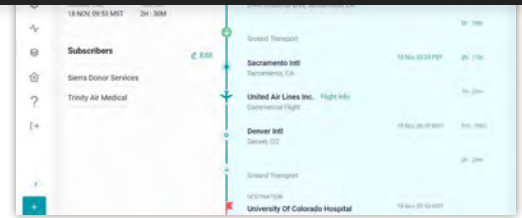
AEROSPACE & ROBOTICS

AUTONOMOUS AND UNMANNED SYSTEMS

GOLD

MediGO and MissionGO by JSP Ventures

critical medical supply chains and healthcare systems logistics, working with sister company MissionGO to integrate unmanned aircraft systems into this complex chain of custody and complex modes of transportation, such as for organ transplants.



- [View Website](#)
- [View Video](#)

SILVER

mini GUSS by GUSS Automation, LLC

Mini GUSS is the first autonomous vineyard and high-density orchard sprayer. Mini GUSS increases efficiency and precision, lowers labor costs, and keep crews safer than ever before. A single employee can operate up to eight mini GUSS machines from the comfort of his/her vehicle. Mini GUSS uses a combination of GPS, LiDAR and the latest technology.



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BRONZE

Unmanned aerial vehicle FIXAR 007 with Autopilot and xGroundControl software by FIXAR-AERO

The FIXAR 007 is a fully autonomous vertical take-off and landing fixed-wing drone designed for commercial and industrial applications, such as mapping and inspections, aerial imaging, precision agriculture, oil and gas, surveillance and monitoring, and more. The flight missions are planned and executed within proprietary xGroundControl software.



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FLIGHT TECHNOLOGIES

GOLD

Jet Suit by Gravity Industries Ltd

Gravity Industries used cutting edge technology to reimagine human flight, resulting in the creation of the world's first patented Jet Suit. In July 2021 they premiered the fully-electric version of the Suit, another world-first. They have a diverse business model, generating revenue in entertainment, defence, search&rescue, first response.



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SILVER

K1000ULE by Kraus Hamdani Aerospace

The K1000ULE is an ultra long endurance fully electric UAS supporting an array of complex missions utilizing Beyond Line Sight Capabilities. Using edge processing, AI-powered analytics based on geospatial and third-party data, this technology is used for a number of capabilities including defense, natural disaster, commercial use and anti-poaching.



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BRONZE

SkyGrid Flight Control by SkyGrid, a Boeing, SparkCognition company

SkyGrid Flight Control is an end-to-end airspace management system that uses AI and blockchain to intelligently route, synchronize, maintain unmanned aircraft in shared airspace. Our platform identifies unforeseen trends in airspace, vehicle, environment data to safely enable advanced air mobility and a wide variety of commercial drone operations.



COMMERCIAL TECHNOLOGY

CONSUMER SAFETY

GOLD

Petrifilm™ Plate™ Reader Advanced by 3M

There's no slowing down with automated 3M™ Petrifilm™ Plate enumeration using the 3M™ Petrifilm™ Plate Reader Advanced. It's time to advance the efficiency of your lab by automating the imaging, interpretation and tracking of results. This system achieved up to 94% reduced time to enumerate 3M™ Petrifilm™ Plates.



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SILVER

Meta-Lidar™ Platform by Lumotive

For robotics, automotive and consumer product developers who need reliable, high performance 3D sensing capabilities (surround sensing, safety cocooning, augmented reality, logistics automation, autonomous navigation) Lumotive's Meta-Lidar™ Platform addresses application-specific requirements, making 3D sensing possible, pervasive and ubiquitous.



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BRONZE

SmartSuite for Pharmacy by DrFirst

and 1.0 mg is the difference between life and death. Unfortunately, 7 million patients in the U.S. are affected by medication errors every year, and dosage errors are most common. SmartSuite for Pharmacy uses AI for accurate data translation between incompatible systems.

 **DrFirst**
Unite the **Healthiverse**™

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DATA SECURITY SOLUTIONS

GOLD

SensaAML™ by Symphony AyasdiAI

Ayasdi provides firms with a complete picture of criminal behavior through unparalleled, predictive insights. This powerful combination of AI and machine learning helps users pinpoint risk, drastically reduce the time to identify genuine anomalies and achieve operational effectiveness. Uncover well-hidden risk by leveraging your existing systems.



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SILVER

LynxSafe by Lynx Software Technologies

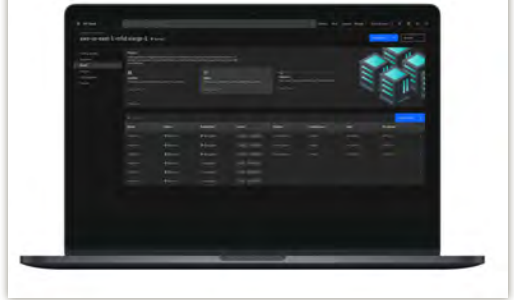
Lynx Software Technologies' LynxSafe is a family of products that enables enterprise IT teams to apply Lynx's expertise in secure, mission-critical systems to endpoints. Its first product launched in March 2021 focuses on secure laptops, and creating isolated partitions that can run multiple security functions and secure operating systems.



BRONZE**IBM Cloud Satellite by IBM**

IBM Cloud Satellite enables highly regulated organizations, such as banks and hospitals, to harness the power of cloud computing such as Artificial Intelligence. With Satellite, these organizations can:

- Set up a cloud data center on-site using their on-premises computer hardware.
- Deploy managed cloud services to this data center with ease.



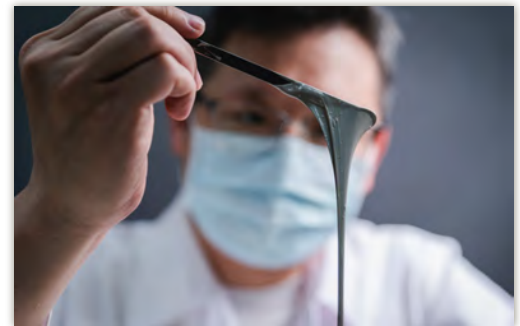
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CONSUMER SOLUTIONS

BREAKTHROUGH MATERIALS

GOLD**Wearable Starring Night: High Stretchable Conductive Ink by Taiwan Textile Research Institute**

Taiwan Textile Research Institute (TTRI) and National Research Council Canada (NRC) have co-developed High Conductive Ink. Firstly, high stable appearance structure, such as stretchable and flexible, and apply on printed circuit easily. Secondly, this ink passes the most rigorous test for textiles, mechanical washing. It is a wearable technology.



- [View Video](#)

SILVER**INFINAIR™ POE for Washable, Breathable, and Recyclable 3D Loop Mattresses by Dow**



innovation. 3D loop mattresses made with INFINAIR™ POE enable consumer bedding that is easy to wash, highly durable, super breathable, and cool. It could prevent millions of tons of plastic waste by replacement of traditional PU mattress foams with an easy to recycle material.



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BRONZE

SOLTRIA® by SOFTPV Inc.

Solar leaf, greenish transparent substrate, is actually the flexible PCB on which the micro-sized 3D spherical solar cells are SMD mounted. Those artificial PV leaves, connected to branch and ESS underground, generate power like photosynthesis of real tree. The SOLTRIA can be micro-grid power plant in urban area or even in desert for new smart city



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HOME AND WELLNESS

GOLD

TIKI Brand® BiteFighter™ LED String Lights by Lamplight Farms, LLC

"Turn on ambiance. Turn off mosquitoes. The patented BiteFighter™ repellent pods create convenient, odorless, invisible, and effective mosquito protection while warm-toned, LED's set a cozy mood. Each set protects a 330 sq. ft. area, and the repellent pods last 200 hours before replacement. Perfect for use wherever mosquito protection is desired."





EDISON AWARDS



SILVER

Probiotics Revitalizing System (PRS) by Nano and Advanced Materials Institute; Nox Bellcow Cosmetics Co. Ltd.

Probiotics Revitalizing System (PRS) unlocks the full benefits of probiotics on skin health by keeping the live probiotics at dormant state during storage without refrigeration, while they are activated and directed to colonize when reaching the skin, bringing extraordinary health benefit through skin microbiome balance.



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BRONZE

LĒVO Lux by LĒVO Oil Infusion, Inc.

LĒVO Lux is a countertop appliance that automates the process of making herbal infused oils for various wellness applications. Featuring three customizable cycle settings, choose any herb and any carrier liquid to make endless combinations of homemade infused products, from natural skincare recipes to herbal-infused foods and household products.



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SMART HOME SOLUTIONS

GOLD

Hygge Power Home Energy Storage by Hygge Power Inc.

Our smart residential Energy Storage System ("RESS") provides homeowners and renters (and small businesses) with intelligent backup power and power management in a plug-and-play, easy-to-





protection.

• [View Website](#)

SILVER

Marvin Awaken Skylight by Marvin

Awaken offers more features than a traditional skylight, including supplemental LED lighting, projection venting for more efficient airflow and a hidden perimeter screen to keep debris out. This smart skylight can be programmed to automatically vent when the IAQ reaches a certain threshold and can be controlled with an app, switch or voice control.



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BRONZE

Lockly Vision by Lockly®

Vision is an all-in-one solution for homeowners in the form of a smart video doorbell that requires no extra installation of a video camera or monthly fees to use. Offers a combination of features like instant fingerprint access and offline access codes, along with a built-in microphone and HD camera, to serve as the home's first line of security.



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SPORTS AND RECREATION

GOLD

Damon HyperSport by Damon Motors

The HyperSport is the world's smartest, safest, most powerful, fully connected electric motorcycle. 100 percent electric with zero tailpipe emissions, the HyperSport offers unparalleled, safety, comfort, and



reducing incidents worldwide and accelerating a clean energy future.

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SILVER

Sea-Doo Switch by BRP Inc.

The Sea-Doo Switch is a pontoon boat for a whole new generation. It expands the possibilities of fun and adventure on the water at an affordable price, thanks to its innovative concept & revolutionary design. Its unique modularity and shared technologies with a personal watercraft create a unique experience on the water.



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SUSTAINABILITY

GOLD

Ball Aluminum Cup™ by Ball Corporation

The Ball Aluminum Cup is an aluminum alternative to your typical, single-use disposable plastic cup. Unlike plastic though, aluminum can be recycled over and over again without losing quality or value. It is a true, sustainable alternative to existing single-use competitors. Additionally, it delivers a significantly better drinking experience.



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SILVER

Sepura Home by Card79

securely storing any compostable food matter until the user is ready to dispose of it. By pushing a simple button, solids are separated into an odourless, sealed bin, keeping food waste out of the drain which can lead to clogged drains.



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COVID-19 INNOVATIONS

TESTING SOLUTIONS

GOLD

XpressCollect by SteriPack

XpressCollect™ makes swabbing your nose for a COVID-19 test easier and more comfortable. It also helps laboratories process more samples per day, so you get your results faster. The innovative design enables automation, enhancing test rate and consistency compared to manual methods.



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GOLD

VITROS® Anti-SARS-CoV-2 IgG Quantitative Test by Ortho Clinical Diagnostics Holdings plc

Ortho's quantitative COVID-19 IgG test helps labs accurately measure the level of COVID-19 antibodies in a patient sample and is the first standardized quantitative





19 pandemic.

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BRONZE

RHINOstic Automated Nasal Swab by Rhinostics Inc.

"Performance Beyond What Your Old Swab Can Offer The tiny RHINOstic Automated Nasal Swab can make a big difference. In a hands-free automated workflow, this patent-pending nasal and buccal swab collection device can help labs of any size to save time, maximize productivity and minimize disruptions from sample collection to processing."



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THERAPEUTIC IMPACT

GOLD

Seraph® 100 Microbind® Affinity Blood Filter (Seraph 100) by ExThera Medical Corporation

The Seraph 100 binds with SARS-CoV-2. Clinicians have reported a reduction in inflammatory markers such as IL-6, d-dimer, and ferritin, hemodynamic stabilization, reduction of vasopressors and fractionally inspired oxygen, avoidance or reduction of mechanical ventilation, and a 4x increase of survival rate of critically ill patients.



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SILVER

Hummingbird™ with Air Vaccine™ by Energy Cloud Inc.



with 99.5% efficacy on the first pass of airflow from the HVAC system. This integrated hardware, software and cloud solution are scalable to any size HVAC system and include a unique, scannable QR code to instantly report the indoor air quality of a building prior to entry.



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BRONZE

Certara's Simcyp COVID-19 Vaccine Model by Certara

Certara's Simcyp COVID-19 Vaccine Model employs biosimulation and computer-generated, virtual populations to facilitate global vaccine decision-making. It addresses important COVID-19 vaccine questions such as optimal dose and timing, whether there are differences in immune response with age and ethnicity and expected duration of antibody response.



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CRITICAL HUMAN INFRASTRUCTURE

COMMUNICATIONS AND CYBER SECURITY

GOLD

Quantum Protected Network by Qubitekk, Inc.

Qubitekk's products use quantum entanglement to protect networks from intrusion by creating a quantum virtual private network. Qubitekk products are also used for transferring quantum entangled states between quantum

and will be used in the quantum internet of the future.

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**SILVER**

Neighborhood Keeper by Dragos Inc.

Neighborhood Keeper is a first-of-its-kind collective defense and community-wide visibility offering for OT cybersecurity, detecting supply chain risks, equipment vulnerabilities, and cyber threats. Acting as a collective defense while enabling trusted industry and government partners to leverage the system as a cyber national broadcasting service



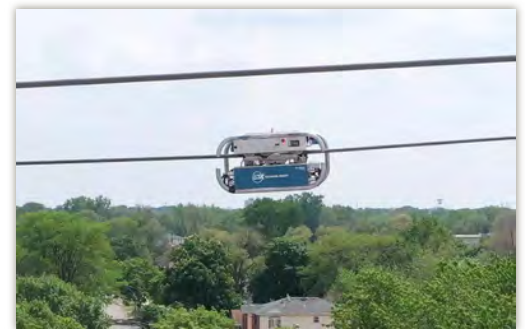
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ENERGY GRID & POWER SUPPLY

GOLD

E3X® Robot System by Prysmian Group

E3X® Robot System is a breakthrough solution to upgrade over 600,000 miles of existing transmission lines without the need to build new lines, helping utilities increase capacity and enabling more power to be delivered, accelerating the much-needed modernization of the US energy grid and facilitating the energy transition to clean energy sources.



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SILVER

Ideal Switch by Menlo Micro



new category of electronic switches with its MEMS-based Ideal Switch technology. The Ideal Switch is the “holy grail” in advancing the electrification of everything, rooted in inventions by Thomas Edison.



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BRONZE

POWERBLoK by UCAP Power, Inc.

The POWERBLoK offers: - Simple install and drop-in replacement to lead-acid and other dangerous ESS - Long lasting (+15yr) source of reliable high power energy storage - Replacement of the Lead, Cobalt, Cadmium, and Lithium used in common batteries with no safety risks - Integrated charger and latest chemistry cells for more power in a small footprint



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INDUSTRIAL TECHNOLOGY

GOLD

Mobile Water Filtration & Sanitation Solutions for Disaster Response by Aquapulus Water Purifiers P LTD

Aquapulus specializes in water treatment systems that work reliably in times of disaster to ensure the displaced have access to clean water. Our products operate sans electricity, on gravity, hand/electric/gasoline driven pumps, irrespective of the size and scale of the disaster, making the singular difference between life and death.



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Silicones

DOWSIL™ TC-6015 is now the leading 1.5W/mK thermal encapsulant widely used for potting power conversion electronics. The material provides exceptional thermal management with long-term reliability and without filler sedimentation for sustainability in manufacturing. DOWSIL is also dual purpose, as self-adhesive with room temp cure.



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TRANSPORTATION AND INFRASTRUCTURE SAFETY

GOLD

LEOTEK Human-Centric Smart Street Lighting System by LITE-ON Technology Corporation

Drivers experience tired and eye discomfort by strong glare after a long drive when raining. The patented AI smart lighting system improves traffic safety by automatically changing luminaire's photometric configuration – 'illuminance type' and 'luminance type' by adapting to the road condition so glare reflected by wet surface of road is decreased.



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SILVER

350squared by ElectricFish Energy, Inc.

ElectricFish develops and deploys patented, turnkey energy storage technology which plugs into existing electrical infrastructure at hard-to-deploy



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BRONZE

LEOTEK Ecological Conservation Smart Lighting by LITE-ON Technology Corporation

Have you ever seen swarms of tropical pedicel ants around LED streetlights? Climate change and urbanization disrupt mating behaviors of pedicel ants a lot. The innovation of LED streetlights with the 'patented optical front masks' designed to maintain ecological balance by effectively filtering out blue spectrum that is the most attractive to them.



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EDUCATION

EXPERIENTIAL LEARNING

GOLD

VirtaMed LaparoS™ by VirtaMed

The VirtaMed LaparoS™ trains safer surgeons, faster. Designed by physicians and educators, the LaparoS surgical simulator uses haptic, visual, and auditory feedback to create hyper-realistic training experiences. Now, novice surgeons can learn essential skills in a risk-free environment, accelerating learning while safeguarding patient safety.



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BLUECUBE Aerospace

Created by educators and made up of students, BLUECUBE offers an after-school aerospace program to inspire and teach students using CubeSat technologies, as well as a consulting service to help educational institutions establish or grow their own aerospace programs and complete unique aerospace projects.



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BRONZE

IBM SkillsBuild by IBM

SkillsBuild is a free digital program for students and job seekers exploring tech-related careers. It provides coursework, job fairs, coaching, job placement assistance, employer-recognized badges, and portfolio-building experiences. SkillsBuild offers 1,000+ courses from workplace skills to classes in cybersecurity, cloud computing, and AI.



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LEARNING SOLUTIONS

GOLD

LEGO® Education SPIKE™ Essential by LEGO® Education

LEGO® Education SPIKE™ Essential is a cross-curricular STEAM tool for grades 1-5. It engages students in a hands-on investigation of STEAM concepts while contributing to literacy, math, and social-emotional development. Through hands-on, playful problem-solving &



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SILVER

Animal Island Learning Adventure (AILA) Sit & Play™ Preschool Learning System by DMAI, Inc. DBA Animal Island Learning Adventure (AILA)

AILA is the first tablet to prepare children for school using adaptive AI through custom 15-minute lessons that optimize repetition and consistency to maximize engagement and learning potential. Built on next-gen cloud technology, it eliminates negative effects of excessive screentime while providing free content updates without ads/subscriptions.



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BRONZE

My Math Academy by Age of Learning

Developed using the latest science on how children learn, My Math Academy is a new, comprehensive, standards-based learning program that helps children in pre-K through second grade master foundational math skills. It is proven to significantly accelerate learning gains with as little as 45 minutes of use per week.



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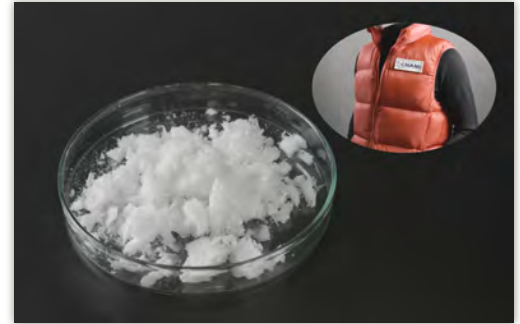
ENGINEERING & MATERIALS SCIENCE

BIO-SOURCED MATERIALS

GOLD

Celluwarm by Nano and Advanced Materials Institute; Shengquan Hong Kong Company Limited

Celluwarm, a sustainable, animal-free and ultralight insulation material leverages cellulose nanofibrils extracted from spent corn husk. It provides the highest insulation performing winter outfits in the market, 3.5 times warmer, 50% thinner and lighter than duck down feathers, and launderable for 50 times without losing insulation performance.



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SILVER

Renewable Polymorphic Transition Materials (Poly-T Materials) by Metal Industries Research & Development Centre

Using industrial and environment wastes (stone residues and oyster shell wastes), MIRDC developed Poly-T Materials to replace single-use casting molds and provides smart process, which can control composition and derivative types precisely, it can be applied to casting industry and marine ecology restoration of full recycling and zero waste.



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BRONZE

LNP™ ELCRES™ EXL7414 & LNP™ ELCRIN™ EXL7414B by SABIC

SABIC LNP ELCRES EXL7414 and ELCRIN EXL7414B resins feature superior flame retardance which can help meet enhanced product safety requirements for ultra-thin-wall components by meeting the new



footprint.

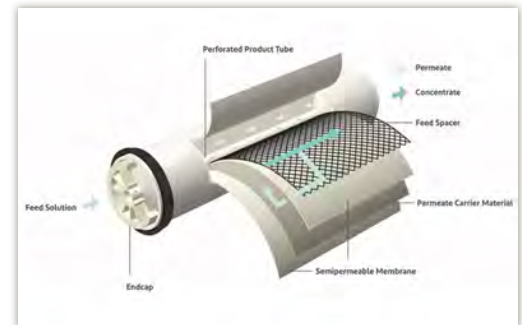
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ECO-INNOVATION

GOLD

FilmTec™ Dry SWRO Membranes by DuPont

Seawater Reverse Osmosis membranes have traditionally lacked stability in the dry state and have required both a wet test to guarantee performance and a chemical storage solution to maintain it. Our innovation is a dry-stable membrane chemistry with a reduced environmental footprint from reduced water usage, shipping weight, and chemical disposal.



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SILVER

SCC55™ by Group14 Technologies

Group14 commercially manufactures SCC55™, which delivers up to 50% more energy density for any application currently powered by a lithium-ion battery including EVs and consumer electronics. Group14 has debuted the first and only silicon-based EV-scale automotive battery with Farasis, bringing 25% more performance than anything on the market.



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BRONZE

Multi-functional Sorbent Technology (MUST) by National Energy Technology Laboratory



green approach to recover critical minerals like aluminum, cobalt and rare earth elements while removing lead and other heavy metals that contaminate American water supplies, reducing a threat that jeopardizes the health of millions of people, wildlife and our ecosystems.



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PERFORMANCE BASED DESIGN

GOLD

Dow Rubberless Unitsole Technology for Lightweight Athletic Shoes by Dow/Under Armour

Dow and Under Armour's rubberless unitsole technology enables the performance for lightweight basketball and running shoes with enhanced cushioning, traction, and rebound. This innovative unitsole technology simplifies the midsole assembly process with increased manufacturing efficiency and reduced chemical usage.



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SILVER

Nanolayer LGRIN Lenses by Peak Nano Optics

Peak Nano Optics' nanolayer film technology provides LGRIN lenses for military, medical, and commercial applications. LGRIN lenses are 10X thinner and 80% lighter than glass and provide a wider field-of-view while enhancing resolution and color. Production facilities are in place, and customer programs are underway for commercialization.





BRONZE

Coatings for High Resolution Images by Axalta Coating Systems

Axalta's breakthrough automotive quality coating technology for high resolution images enables rapid deposition of intricate graphics onto vehicle exteriors. Aligning with the industry trend for customization; complex designs, images as well as accent colors are all possible for in-line personalization of vehicles.



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THERMODYNAMICS

GOLD

BETATECH™ Thermal Interface Material by DuPont

BETATECH™ thermal interface material is a novel solution that helps control heat in EV batteries. High thermal conductivity allows for efficient thermal management, helping maintain optimal battery temperatures during both charging and operation, extending vehicle range and enhancing vehicle safety due to decreased chance of thermal runaway.



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SILVER

Fire Resistant Thermoplastic EV Battery Cover by SABIC

This solution delivers enhanced fire protection for a pHEV battery pack cover. This is a global automotive first, addressing a key industry challenge. The performance meets China's fire safety



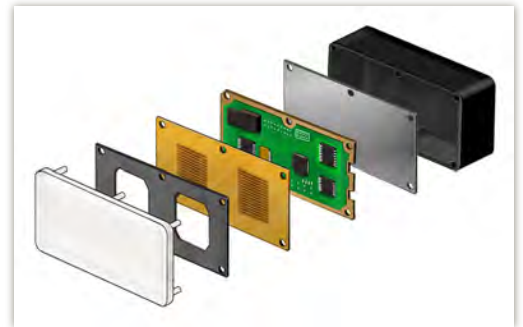


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BRONZE

LNP™ THERMOCOMP™ Compounds for ADAS Radar Cover by SABIC

To help meet the need for high-performance materials that can optimize the capabilities of today's higher-frequency (>75 GHz), millimeter-wave (mmWave) radar for advanced driver assistance systems (ADAS), SABIC launch LNP™ THERMOCOMP™ WFC06I and WFC06IXP compounds for the front and back covers (respectively) of these next-generation radar units.



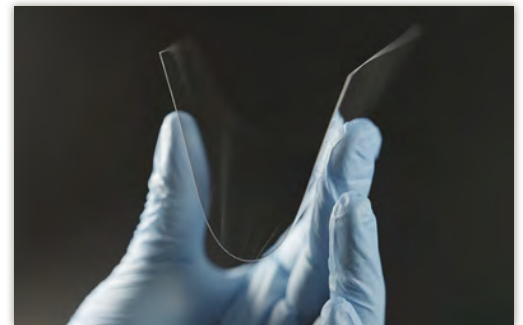
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TRANSPARENT COATINGS

GOLD

E-NANO FTNR-001 Resin by Nano and Advanced Materials Institute, Chung Yin New Materials (H.K.) Company Limited

nCoating is a transparent cover-layer, a fusion of glass-like hardness and plastic-like flexibility, for foldable screen with super hard (9H) surface, pen drop resistance (up to 15cm) and robust bending durability (up to 500k cycles). nCoating endows the anti-scratch performance to plastics and folding durability, pen drop resistance to glass.



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SILVER

SYL-OFF SL 184 Coating by Dow Chemical

Dow's patented solventless SYL-OFF™ SL 184 Coating, a technological advancement that solved the long-standing misting issue, enabled extreme

ABBOTT Exhibit 2024, Page 24 of 52



performance. This innovative breakthrough improved productivity and opened a new horizon in the \$93.2 billion/year PSA market.

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BRONZE

AGILITY™ 1500 Performance LDPE by Dow Packaging and Specialty Plastics

AGILITY™ 1500 Performance LDPE allows the widest, thinnest, most consistent clear films with gains of >40% in processability (speed, reliability) and >20% in properties (optics, strength, shrink) for stellar performance. Downgauging, reduced waste, recyclable films, and incorporation of recycled PE enabled by AGILITY™ 1500 advances sustainability.

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INNOVATIVE SERVICES

AI POWERED PLATFORMS

GOLD

Mashgin Touchless Self-Checkout System by Mashgin

Mashgin's Touchless Checkout System is an instantaneous self-checkout experience that uses computer vision to identify items from virtually any angle with 99.9% accuracy -- without the need for



less.

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SILVER

Public Warning Center by Everbridge, Inc.

The Public Warning Center combines the speed of Cell Broadcast with the precision, filtering, and control of Location-Based SMS, choosing the best communication method to reach people at a country-wide scale automatically and dynamically. The PWC patent covers functionality around efficient and optimized sending of mass notifications to the public.



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BRONZE

CCC® Estimate - STP by CCC Intelligent Solutions

CCC® Estimate – STP is the insurance industry's first touchless claims estimating solution with line-level detail. The product applies a powerful combination of advanced AI, data integrations, and network connections to create a detailed estimate for select auto repairs without human intervention in seconds.



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CYBERSECURITY

GOLD

DarkBlue (Dark Web Analytic Tool Suite) by CACI

DarkBlue is an unclassified, SaaS, OSINT analytic tool suite providing a safe/secure environment to search/analyze the Dark Web. 24x7 data

ABBOTT Exhibit 2024, Page 26 of 52



analyst for-the-analyst to leverage Dark Web for crisis/nation state activity monitoring, drug/weapons/other criminal investigations.

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SILVER

Reveal(x) 360 Strategic Decryption by ExtraHop

Cyberattackers use encrypted protocols to perpetrate advanced attacks like 'living-off-the-land' and Golden Ticket attacks in 60% of the most exploited vulnerabilities—rendering defenders blind to attacks like ransomware. Reveal(x) 360 is the first and only platform that decrypts these protocols to expose and stop advanced threats 84% faster.

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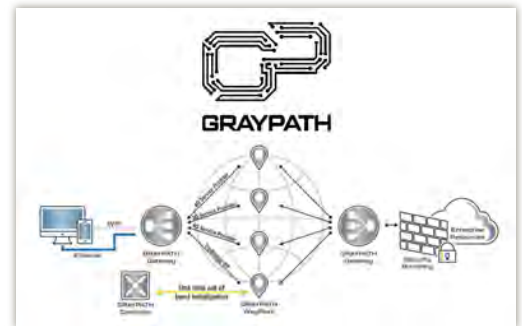


BRONZE

GRAYPATH - Next Generation VPN by Intelligent Waves LLC

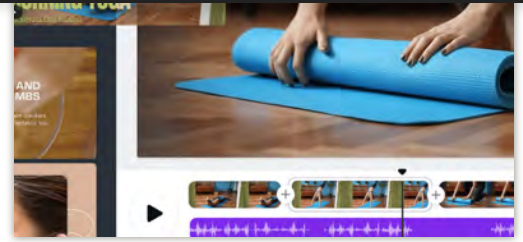
GRAYPATH is Next-Gen Quantum-Resistant VPN ensuring performance, resiliency, and security of sensitive data. Through its patented IP-Spread Spectrum technology, it uses the cloud to randomize and distribute message packets through the simultaneous use of multiple transport paths and encrypted channels, lowering risk of detection and interception.

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SOFTWARE

Canva Video Suite is an end-to-end video creation platform that makes video creation accessible to all. It offers an intuitive UI, thousands of customizable video templates, animations, market-leading collaboration features, an extensive media library of visuals and audio, and comes free on the web, desktop, iOS, and Android.



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SILVER

The telliBot_AI by Intellihot

The telliBot_AI creates transformative technology solutions to reimagine the built environment, providing customers with increased efficiency, reliability, and sustainability by monitoring energy, water usage, and other metrics that reduce costs and help the environment.



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BRONZE

Freehand by InVision

One of InVision's main pillars is to reduce friction among teams, people, and the tools they use. Freehand, our digital whiteboard product, exemplifies this. It is more than a whiteboard. It's a visual collaboration tool that's essential to design, digital product development, and overall team collaboration.



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LIVING & WORKING ENVIRONMENTS

PRODUCTIVITY SOLUTIONS

GOLD

Blokable at Phoenix Rising by Blokable

Blokable at Phoenix Rising is an all-electric, permanent low-income housing community for renters earning 30-50% the Seattle area's median income. Built for less than 50% the region's average cost per door and costing 60% less to heat/cool, it offers a scalable, zero-energy-ready solution for expanding housing access, affordability, and resilience.



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SILVER

Code4Good by American Red Cross

American Red Cross Code4Good Project is a first-of-its-kind volunteer workforce that gives technical leaders and individual contributors an opportunity to support the Red Cross Mission by contributing their talents to the development of Red Cross IT platforms.



**American
Red Cross**

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BRONZE

Elite EXTRA by Applied Data Consultants, Inc.

This new innovation of our Elite EXTRA software allows clients to use crowdsourced drivers as third party delivery drivers when a business is short





compare pricing.

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SAFETY & SANITATION

GOLD

Iggy™ by 3Oe Scientific

Iggy™ is a first in class hand hygiene product that promotes human health. A combination of vortex-oscillation spray and aqueous ozone, a natural disinfectant, safely and effectively removes bacteria, fungi, and viruses (including the COVID-19 virus) in 7 seconds. Iggy™ is fast, safe, free of chemicals, sustainable, and AI-enabled to promote use.



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SILVER

S.A.G.E. UV Ruggedized Mobile UV Decon System by Violet Defense

When COVID-19 hit, the USS Theodore Roosevelt aircraft carrier learned how quickly this new virus could spread to over 1,200 sailors on board, impacting their mission readiness. Violet Defense's technology leveraged its UV technology to create a ruggedized mobile UV decon system that can withstand shipboard and mission-ready environments.



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BRONZE

Highlight for Bleach Wipes by Kinnos

Highlight, an innovative product to protect patients and healthcare providers, adds a blue color to the bleach wipes used for disinfection in order to

language barriers and confirms bleach concentration. Peer-reviewed studies show it quantifiably improves cleaning.

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MANUFACTURING, LOGISTICS, AND TRANSPORTATION

AUTOMOTIVE TECHNOLOGY

GOLD

Coil Driver™ by Exro Technologies

Exro's Coil Driver is a dynamic, smart controller that replaces the standard controller of an electric motor. Designed to integrate with standard powertrains, Coil Driver™ enables intelligent, electronic gear switching in real time to expand EV output performance and increase range

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SILVER

JuiceBox 40 with JuiceEco by Enel X North America

The JuiceBox 40 Level 2 smart home charging station with JuiceEco ensures that EV drivers charge with 100% clean energy. Enel X is the only home charging station provider to package its best-selling charger with a Renewable Energy Certificate (REC) to match electricity consumption with 100% renewable energy through JuiceEco.

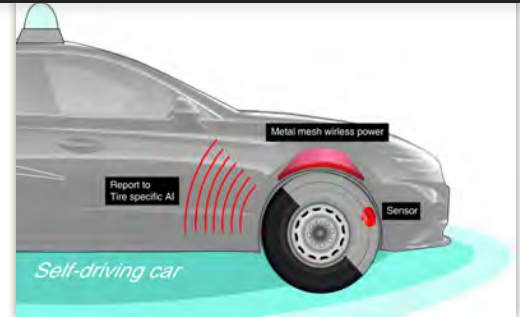




BRONZE

Autonomous Vehicle Tire Safety System by Banf Co., Ltd

With self-driving vehicles looming on the horizon, faulty tires will overtake human error as the #1 cause of traffic accidents and fatalities. That's why Banf has created a safety diagnostic system for tires. Our Tire system measures road conditions, vehicle weight, and tire thread thickness to assess potential dangers and reduce accidents.



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MODERNIZATIONS

GOLD

3D Weaving by unspun

This is the first pair of pants in the world made from 3D weaving. We invented a robotic 3D weaving machine that inputs yarn and outputs seamless 3D legs. These pants vary in shape throughout to custom-fit the consumer: pants in 10 minutes. An apparel invention like this hasn't been realized since the sewing machine in the 1840s.



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SILVER

Factoroid by Gentle Energy Corporation

90% of factories worldwide are out-dated and non-digitized. Factoroid transforms conventional factories into Industry 4.0 smart factories with our fully wireless, self-powered sensors that measure

FACTOROID



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BRONZE

FōM® with PolyRenew® by FloraCraft Corporation

FōM is the first extruded polystyrene, or XPS, product for the craft and floral foam industry made with post-consumer plastic. It saves hard-to-recycle plastics from landfills by using recycled garment hangers from retailers nationwide. FōM is the first true innovation in this market in 70 years.



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SUPPLY CHAIN SOLUTIONS

GOLD

RFID Yarn®: new method for data management and application by Taiwan Textile Research Institute

TTRI has developed the world first Radio-Frequency Identification (RFID) yarn, not tag but yarn. RFID Yarn® passes 5 major durability tests: anti-laundry, anti-acid, anti-alkali, anti-high temperature and anti-roller pressure. We initiate “RFID Yarn® Technology Industry Alliance”, to set up testing standard for newcomers.



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SILVER

Lynx Digital Solution by Carrier

The Lynx solution combines Carrier’s cold chain expertise with AWS’s digital experience & portfolio of services to help customers make faster, data-driven decisions to improve the efficiency & sustainability of their supply

decisions made during the cargo's journey.

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BRONZE

xDIM™ Mobile by 4DMobile

xDIM Mobile is a box measurement system utilizing 3D camera technology on rugged tablets used by workers in warehousing and supply chain environments. The mobile, point-and-click solution is easy to use anywhere and by anyone—helping companies increase efficiencies, reduce costs, and optimize space in today's ever-constrained supply chain.



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PERSONAL TECHNOLOGY

AUDITORY DESIGN

GOLD

GN Hearing ReSound ONE™ Hearing Aids by GN Hearing

First hearing aid with Microphone & Receiver-In-Ear (M&RIE) inside ear in behind-the-ear models. M&RIE's additional microphone directly inside ear canal captures sound using natural ear acoustics, as nature intended. M&RIE provides benefits of full-featured



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SILVER

Logitech: UE Fits by Herbst Produkt

UE, the world's leader in professional custom-fit in-ear sound monitors have developed UE FITS with Lightform Technology which use UV light to catalyze our acoustic plasma. In under 2 minutes, from the comfort of your own home. FITS form your unique signature earprint to provide a bespoke tailored fit for your ears for comfort with a perfect seal.



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BRONZE

Eargo 5 by Eargo

Eargo's fifth generation device is a medical-grade, FDA Class II exempt hearing device, fully customizable to the user's hearing preferences through all new Sound Match™ technology. Its rechargeable battery provides the highest energy density in the smallest space and is fully charged within four hours for up to 16 hours of continuous power.



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LIFESAVING & LIFE-CHANGING

GOLD

Prometeo by Prometeo

With help from Arrow Electronics and IBM, Barcelona startup Prometeo's wireless wearable senses heat, smoke and toxins and sends data to the Cloud for AI analysis. It alerts commanders to firefighters' immediate danger



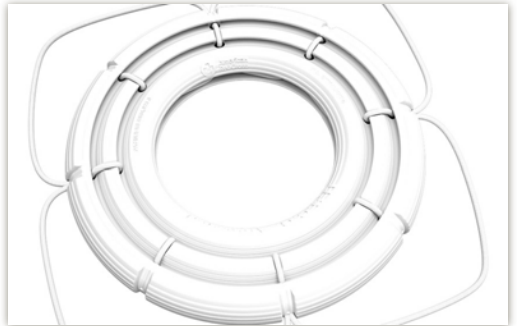
data to continuously improve the solution end-to-end.

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SILVER

American Red Cross Life Ring Buoy by American Red Cross

American Red Cross, Life™ Ring Buoy. Made from a patented, closed cell foam polyolefin, that is more buoyant, tear resistant, crack resistant, hydrophobic (repels body fluids), oil resistant, chemical and U.V. resistant and chlorine resistant. Has rescue grips molded into the design making it easier to grip, and easier to control and throw.



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BRONZE

Explorer Mini by Permobil

Explorer Mini is a first-of-its-kind powered mobility solution for toddlers with mobility impairments that facilitates self-initiated movement and exploration. Designed to support development, it is an ergonomic device that helps promote safe, stable upright postures while providing opportunities to improve strength, endurance and postural control.



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SCIENCE & MEDICAL



DIAGNOSTICS

GOLD

Imagio® Breast Imaging System by Seno Medical

Breast biopsy procedures caused by false-positive diagnostic assessments in the US cost the healthcare system more than \$2 billion per year. Imagio® could mitigate that by providing real-time information regarding suspicious breast masses and increased decision confidence regarding the need for invasive breast biopsies and additional exams.



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SILVER

i-STAT Alinity TBI Plasma Test by Abbott

The i-STAT Alinity TBI Plasma Test is the first rapid, handheld blood test for concussions that uses brain-specific biomarkers to help physicians objectively evaluate the need for a head CT scan.

Unnecessary CT scans for mild traumatic brain injuries may be reduced by up to 40%, which minimizes radiation exposure and shortens hospital wait times.



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BRONZE

Portable Edge AI-DR by Industrial Technology Research Institute

The Portable Edge AI-DR is the world's first AI-assisted system to be integrated into a handheld fundus camera to detect diabetic retinopathy (DR). The system can accurately identify four main DR lesions and classify five severity levels, assisting physicians in early diagnosis of DR. This will benefit people who need diabetes care in remote areas.



MEDICAL IMPLANTS

GOLD

Access Vascular hydrophilic catheters by Access Vascular

Roughly 90% of all admitted hospital patients receive a venous access device, 30% of those will experience complications (including clots & infection). AVI's groundbreaking hydrophilic catheters mimic the body's chemistry to evade its natural defenses and nearly eliminate these common & costly complications for better medical and economic outcomes.

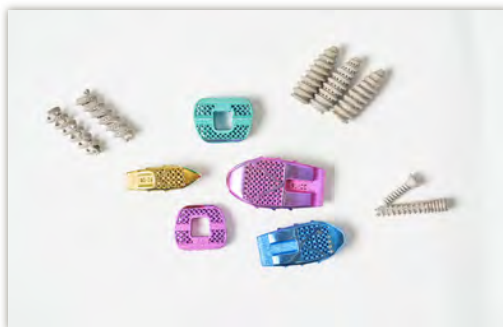


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SILVER

BioMS-Ti by Industrial Technology Research Institute

BioMS-Ti is a hybrid bionic skeleton structure that allows integration of hard and soft tissue. The bio-active cannulated implant has a controllable porous structure design and can be combined with bio-ceramic or osteogenic materials, improving bone regeneration and tissue integration for personalized medical implants.



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BRONZE

Tria™ Ureteral Stents by Boston Scientific

Urine calcium and magnesium salt deposits are contributing factors to stent complications such as encrustation. In vitro BEST method studies of the Tria™ stent demonstrate a reduction in the





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MEDICAL TREATMENT

GOLD

CELLACON Platform by CellapeuticsBIO

Cell reprogramming platform technology is an innovative cell therapy technology that converts cells into therapeutic cells within 15 days as a direct cell cross-differentiation (Cella X) technology based on low molecular weight compounds (drug cocktail composed of 5-10 drugs with low molecular weight, which is cheaper, like aspirin)



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SILVER

iTind™ by Olympus®

The iTind™, a temporarily implanted nitinol device, is placed in the prostatic urethra in a folded configuration. The super-elastic nitinol struts exert ischemic pressure at the 12, 5, and 7 o'clock positions, reshaping the tissue to allow urine to flow. After 5 to 7 days, the device is completely removed, and patients experience immediate relief.



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BRONZE

Arthrex Minimally Invasive Bunionectomy (AMIB) by Arthrex, Inc.

MIS (Minimally Invasive Surgery) Bunion correction has been clinically proven to achieve the same or better corrective results as traditional bunion surgery, but with major advantages, including a faster recovery, less pain, and less

eliminating several challenges.

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OUTPATIENT TREATMENT

GOLD

NaviFUS® Model 101 Neuronavigation-guided focused ultrasound system by NaviFUS

NaviFUS® is a focused ultrasound technology platform that provides personalized and transformative solutions for brain diseases like glioblastoma and epilepsy. It can non-invasively open the blood-brain-barrier to allow large-molecular weight drug delivery to previously unreachable parts of the brain and suppress seizures in epilepsy patients.



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SILVER

NeuroSphere Virtual Clinic by Abbott

Allows patients living with chronic pain and movement disorders to remotely receive stimulation setting adjustments from their physicians in real-time. This invention is significant as remote programming, which allows virtual visits and remote device changes, has never been available before in the U.S.



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BRONZE

Sparrow Therapy System by Spark Biomedical, Inc.

your patient engaged in the recovery process. The Sparrow Therapy System is the only FDA-cleared, drug-free, non-addictive, non-invasive wearable treatment technology for the relief of opioid withdrawal symptoms.



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TECHNOLOGY & TOOLS

GOLD

Free Style Libre 3 System by Abbott

FreeStyle Libre 3 is Abbott's next-generation continuous glucose monitoring (CGM) system, featuring the world's smallest, thinnest glucose sensor that can be worn up to 14 days to deliver continuous, real-time glucose readings directly to smartphones with unsurpassed accuracy and helping people better manage and understand their diabetes numbers.



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SILVER

Gibco™ CTS™ Rotea Counterflow Centrifugation System by Thermo Fisher Scientific + Scinogy

The CTS Rotea system addresses challenges that stall patient access to potentially life-saving cell therapies by enabling researchers to scale from research to GMP clinical development and commercial manufacturing. The closed cell processing system offers exceptional cell recovery, flexible input and output volume capability and high throughput.

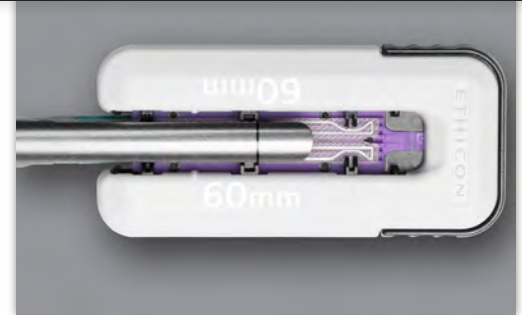




BRONZE

ECHELON ENDOPATH™ Staple Line Reinforcement by Ethicon / Johnson & Johnson Medical Devices Companies (JJMDC)

ECHELON ENDOPATH™ Staple Line Reinforcement is a buttressing device used with ECHELON FLEX™ Powered Staplers to strengthen staple lines and help reduce internal bleeding or complications during and after surgery. The device is designed to significantly improve ease of use, performance, functionality and efficiency over existing buttressing options.



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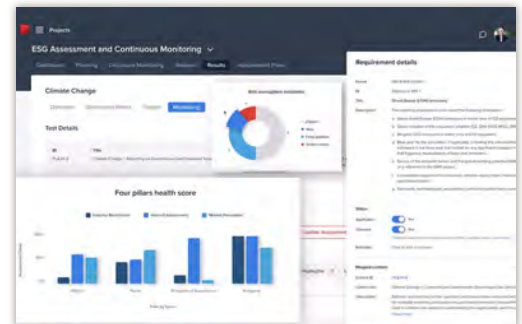
SOCIAL INNOVATION

DATA-DRIVEN CONNECTORS

GOLD

Diligent ESG by Diligent Corporation

Today, ESG sits at the forefront of many investment decisions. Organizations of all sizes have a responsibility to drive change and an opportunity to do good. Diligent ESG centralizes the data organizations need to set and surpass their environmental, social and governance (ESG) goals—and turn promises into measurable action.



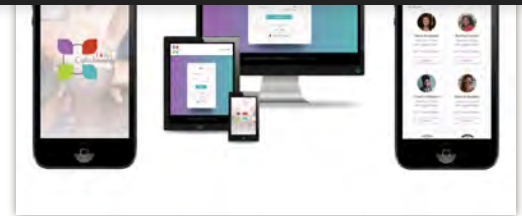
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SILVER

TBHC Collaborate by Tampa Bay Healthcare Collaborative



networking for the health equity ecosystem to collaborate. Users can enter initiatives and notifications are sent to providers of complimentary services (ex. homelessness, maternal care, depression, etc.). The app will track zip codes/regional areas served.



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BRONZE

Foundation and Company Screening by iWave

iWave Foundation and Company Screening helps nonprofits stay resilient by enabling them to identify, prioritize, and secure grants and gifts from foundations—the fastest-growing charitable contribution source. iWave's modeling platform uses billions of data points to predict which institutions are most aligned to support their unique mission.



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SUSTAINABILITY

AGRICULTURAL INNOVATIONS

GOLD

AeroFarms and Nokia Bell Labs AI-Enabled Plant Vision Technology by AeroFarms

AeroFarms and Nokia Bell Labs announced a groundbreaking partnership to integrate innovative artificial intelligence (AI) enabled mobile sensor technologies into AeroFarms vertical farms to elevate their imaging insights

quality, nutritious plants year round.

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**SILVER**

Decentralized fertilizer production by Safi Organics

Most fertilizers today are produced in centralized facilities and then imported. Due to the long-distance logistics, rural smallholder farmers pay 2-5 times the world price for their fertilizers. We use patented technology to decentralize fertilizer production such that it can be implemented in rural villages using local labor and resources.



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BRONZE

Apeel's Advanced Imaging Technology by Apeel

Apeel's new advanced imaging technology helps suppliers "see" inside produce and collect data on nutrition, sustainability & freshness. By unlocking insights inside produce, suppliers know how long produce lasts and where it should be shipped, bringing food waste closer to zero.



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BUILDING MATERIALS

GOLD

Light Stone Material (LSM) by Mighty Buildings



creating beautiful, sustainable, and high-quality homes using 3D printing, advanced materials, and robotics automation. We are the 1st company to be certified by UL to incorporate 3D printing into residential units. All our units are pre-approved in the state of California.



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SILVER

Low GWP Froth-Pak™ Spray Foam by DuPont de Nemours, Inc.

DuPont developed a low global warming potential (GWP) spray polyurethane foam that utilizes CO2 as a gaseous blowing agent. Using CO2 overcame substantial performance and stability challenges of the gaseous HFO-1234ze blowing agent. Formulation and nozzle technology innovations result in a high-performance spray foam with a 99% reduction in GWP.



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BRONZE

BamCore Prime Wall Gen 3 Framing Solution by BamCore

We utilize timber bamboo, industrialized construction techniques, and BIM technology to mitigate climate change, the housing crisis, and global rural poverty. Our patented, customizable prefabricated framing solution removes and reduces greenhouse gases, reduces waste, opens the labor pool, cuts construction time in half, and is stronger and safer.



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ENVIRONMENTAL IMPACT

GOLD

Conductive Copper ink by Copprint

"Copprint conductive copper inks enable the additive manufacturing of electronic circuit boards and antennas. With Copprint, conductive traces can be simply printed directly on multiple substrates with high conductivity, low costs, and no toxic chemicals. This enables a new era of green manufacturing of electronics including compostable RFIDs."



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SILVER

Ecosentials® Sleep Kit - Biossentials™ Memory Foam with NEW Sustainable Shift™ Packaging by SINOMAX USA, INC.

Patent pending packaging with seeds, providing new opportunities to improve environmental impacts. We offer a variety of seeded options to compliment a USDA certified memory foam product. Instead of leftover product packaging tossed into land fill, each package can be converted into a uniquely designed planter & comes with a seeded, papered insert.



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BRONZE

LNP™ THERMOCOMP™ DC0041PE-7M1D145W by SABIC

LNP™ THERMOCOMP™ DC0041PE-7M1D145W is a bio-based, flame retardant, carbon fiber-reinforced compound used in the injection molding of housings for equipment and devices that require structural performance, flame resistance and maximum sustainability



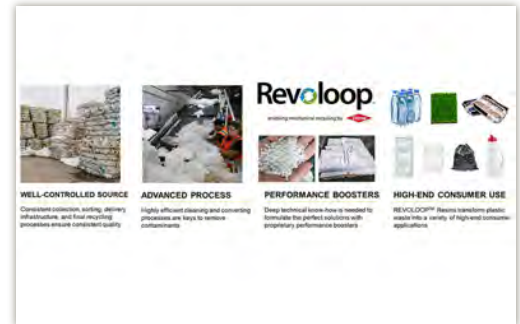
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PLASTIC UPCYCLING

GOLD

REVOLOOP™ Polyethylene Resin by Dow Packaging and Specialty Plastics

REVOLOOP™ Resins create a second life for plastic waste that would otherwise end in landfills, incinerators, or litter in oceans and the environment. We set an unprecedented standard for recycled plastics in sustainable, up-cycled applications (clear packaging films, artificial turf, blow molded bottles, etc.) to stop the waste and close the loop.



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SILVER

Microsoft Ocean Plastic Mouse by SABIC

As part of a new effort to advance the use of recycled ocean plastic, SABIC, a global leader in the chemical industry, and Microsoft Corporation have collaborated to create Microsoft's first consumer electronic product – The Microsoft Ocean Plastic Mouse – with an exterior shell containing 20% recycled ocean plastic (OP).



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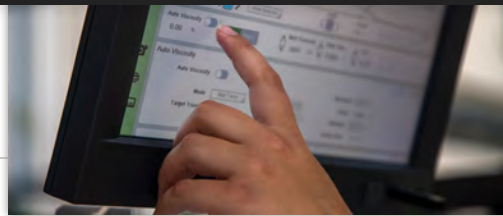
BRONZE

Auto Viscosity Adjust™ by iMFLUX, Inc.

iMFLUX is transforming the future of plastic injection molding by improving quality and lowering cost, scrap and downtime. Auto Viscosity Adjust (AVA™) adapts to changing conditions including highly variable post consumer

unavailable in conventional molding.

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POLYMERS AND EMULSION

GOLD

DuPont™ Delrin® Renewable Attributed acetal homopolymer by DuPont™

"Delrin® RA acetal homopolymer enables sustainable design, high resource efficiency in converting, and a lower total carbon footprint. It is a stiff unreinforced material and is up to 98% renewable*, specified in automotive, consumer, healthcare, and industrial applications, Delrin® RA provides safety, durability, and less waste. * Confidential"



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SILVER

RHOBARR™ 214 by Dow

RHOBARR™ 214 Emulsion is a food contact approved, waterborne, fluorocarbon-free, bio-carbon containing barrier coating solution for paper packaging for goods ranging from dry food to dryer sheets. It provides oil and grease resistance (OGR) with ~66% less material than incumbent extruded coatings and enables OGR packaging to finally be recyclable.



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BRONZE

Spies Hecker® Full Waterborne Repair System by Axalta Coating Systems

the collision repair market where all coatings layers (from primer to clearcoat) are water-based. This sustainable solution is based on patented technology that provides best-in-class appearance and performance while reducing solvent emissions by more than 60%.



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POWER GENERATION AND RECOVERY

GOLD

Sustainable End-of-Life Batteries Management by TES - Sustainable Technology Lifecycle Solutions

Besides a daily capacity to recycle up to 14 tonnes of lithium batteries, we achieve a recovery rate in excess of 95% and a purity level yield of almost 99% and delivers a safe and low capital, low energy footprint which is partially powered by solar panels and a 1 MWh energy storage system.

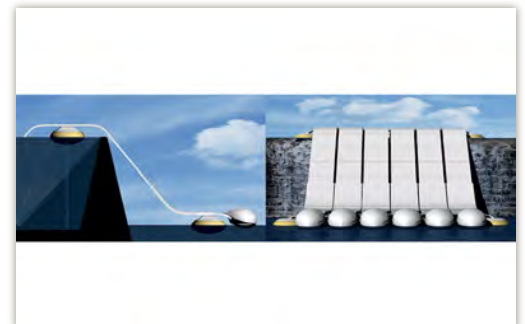


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SILVER

Adaptive Hydro™ by GenH

Adaptive Hydro™ is a first in class, rapidly deployable, and modular hydropower system designed to electrify NPDs/canal heads without construction or investment in fixed infrastructure. With rapid electrification, Adaptive Hydro™ opens new markets for hydroelectricity and benefits dam/canal owners by providing new no cost/impact revenue.





BRONZE

MaxEff Induction Electric Motor Generator by Adventech LLC

Our secondary winding circuit regenerates what is typically wasted reactive energy into leading inductive energy. This leading power is utilized within the motor itself and/or allowing it to be called for use outside of the motor. This reduces the amount of power needed from the grid, reduces slip (higher RPM and Torque).



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WATER CONSERVATION

GOLD

WaterPanel by Infinite Cooling

Cooling towers evaporate huge amounts of water to provide industrial cooling. We have an MIT-developed, patented technology that uses electric fields to charge water droplets in cooling tower plumes and attract them toward collection meshes. We capture virtually all the water in plumes and make clean desalinated water available for reuse.



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SILVER

Digital Tex®: Functional Ink instead of Functional Fabric by Taiwan Textile Research Institute

Digital Tex®, a functional ink, contains two opposite major functions: water repellent and water wicking, especially vital for sweaty sport activities. This innovative ink is sustainable by reducing 30% chemical additives, lowering 80% water





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BRONZE

Environmental Conservation Organization by Niagara

Niagara is a leading manufacturer of water conservation products and technologies that has revolutionized the utility industry and has been recognized for its patented, vacuum-assist Stealth Technology® and superiority in reducing water waste by re-engineering the flush for a high-power, low-maintenance, no-waste toilet.



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2024 WINNER
COMPANIES

zappar

vHive

GrayMatters
Health

3DMAKERPRO

AN



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