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24M

24M solves the grand challenge of energy storage with the invention of the semisolid lithium-ion battery, a revolutionary technology for the architects of our energy future. By upending the design of the battery cell, as well as how the batteries are made, the company solves the critical, decades-old challenge associated with the world's preferred form of energy storage: reducing its high cost while maintaining its strengths.

http://24-m.com/

Accion Systems

Accion Systems was founded to accelerate space exploration by developing in-space propulsion technologies that optimize scalability, performance and efficiency. Accion's flagship product, TILE, uses proprietary electrospray thrusters, bringing electric propulsion to satellites of all sizes and redefining in-space capabilities for the 21st century.

http://www.accion-systems.com/

Affectiva

Emotion recognition.

Affectiva technology analyzes subtle facial expressions to identify human emotions. They offer several emotion recognition products. From an easy-to-use SDK and API for developers, to robust solutions for market research and advertising.

https://www.affectiva.com/

Akselos

Akselos enables your engineers to design and assess critical infrastructure via advanced simulation software. Akselos' algorithms are typically 1000x faster than Finite Element Analysis, the current golden standard, without compromising accuracy.

http://www.akselos.com/

Ambri

Ambri (formerly Liquid Metal Battery Corporation) is developing an electricity storage solution that will change the way electric grids are operated worldwide. Ambri will enable the more widespread use of renewable generation like wind and solar, reduce power prices and increase system reliability.

http://www.ambri.com/

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BioBright

BioBright's mission is to accelerate biomedical progress by applying modern digital tools to the biology lab. BioBright is developing a Smart Lab: a unified user interface, control system and sensor network that enhances the scientist's workflow, allowing experimenters to compare what should have happened in an experiment with what actually happened.

https://biobright.com/

C2Sense

C2Sense aims to provide cost-effective and complete solutions to the world's sensing problems. Through patented chemiresistive sensing C2Sense is able to selectively target gases unable to be sensed through other methods. With a broadly applicable sensing platform, C2Sense is capable of making an impact in a variety of the world's problems.

http://www.c2sense.com/

Celect

Celect delivers a retail optimization platform that allows retailer to optimize their customer interactions at the finest possible level of granularity: the individual customer. Celect's scientific breakthroughs in Choice Modeling helps retailers make much more accurate and informed inventory predictions.

http://www.celect.com/

Cogito

Real-time conversational guidance: Cogito detects human signals and provides live behavioral guidance to improve the quality of every interaction.

http://www.cogitocorp.com/

Desktop Metal

Desktop Metal was created to change the way we bring products to market. Current metal 3D printing is too expensive and industrial for prototyping and it's not fast enough or cost-effective enough for mass production. Fundamentally different approaches are needed to move metal 3D printing beyond its current limits.

https://www.desktopmetal.com/

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Enigma

Enigma provides the first solution for protecting data-in-use. Share data with others for processing without actually giving it away. Data are guaranteed to be encrypted at all times, even when complex analytics are required.

http://www.enigma.co/

Gamalon

Two thirds of data is unstructured (notes, product descriptions, contracts, posts, reviews, etc.). Crucial to customer personalization, supply chain, managing claims, contracts, channels, data is not usable today because it is not structured. Existing solutions take months and $millions to structure 10 million items. Gamalon's Bayesian Program Learning (BPL) structures any information, autonomously in minutes for better margins and customer success.

https://gamalon.com/

Ginkgo Bioworks

Ginkgo Bioworks is the organism company. They design custom microbes for customers across multiple markets. Ginkgo Bioworks builds foundries to scale the process of organism engineering using software and hardware automation. Organism engineers at Ginkgo learn from nature to develop new organisms that replace technology with biology.

http://www.ginkgobioworks.com/

Gradiant

Gradiant is a technology-driven water services company for water-critical industrial applications. The system is a thermodynamically balanced, multi-stage evaporative design that incorporates novel dehumidification technology for a low-cost, compact, and easy to maintain solution. It is especially useful in developing countries and for hypersaline water from oil and gas production.

https://gradiant.com/

Humatics

Humatics is developing the new category of microlocation products to enable a world of precise, collaborative relationships between people, places and things. We are committed to Human First™ Design – the simple idea that people remain essential to the technologies that enrich their lives.

http://site.humatics.com/

Lexumo

Lexumo offers the first automated service that continuously monitors your embedded code for public open source vulnerabilities. Built on a massively-scalable cloud stack, the service uses patent-pending graph analytics and machine learning technology to precisely identify vulnerable code. This radical new architecture eliminates the false positives and negatives of previous approaches, enabling development teams to ship and maintain secure code, faster.

https://www.lexumo.com/

NeuroMesh

NeuroMesh is a managed security and intelligence platform for IoT and Industrial IoT devices. They have created a vaccine for IoT by repurposing malicious hacker weapons for good.

http://www.neuromesh.co/

Optimus Ride

Optimus Ride develops self driving technologies to enable safe, sustainable, and equitable mobility solutions. Optimus Ride is designing a fully autonomous (level 4) system for electric vehicle fleets.

http://optimusride.com/

Poly6

Poly6 transforms citrus rinds into bio-based materials. Poly6 calls this material Citrene™. Poly6 is catalyzing a global materials revolution in which energy intensive, toxic and waste producing material chemistries are replaced with new, simple, bio-based, high performing chemistries.

http://www.poly6.com/

Relativity6

Relativity6 reactivates lapsed customers with artificial intelligence. Our proprietary behavioral listening algorithms predict when and what your most profitable lapsed customers will re-purchase, with above 80% accuracy.

http://www.relativity6.com/

Tagup

Tagup's platform monitors diverse equipment around the world to predict equipment failures before they occur.

https://tagup.io/

Tulip

Tulip transforms manufacturing operations by enabling enterprises to integrate virtually any sensor with existing equipment on the shop floor to collect data and provide clarity into each step of the manufacturing process. Tulip was built with the needs of the connected manufacturing workforce in mind. Tulip's advanced analytics bundled with proprietary machine learning and computer vision systems give manufacturers access to previously unobtainable production insights.

https://tulip.co/

TwoXAR

twoXAR is an artificial intelligence-driven drug discovery company. The company leverages its computational platform to identify promising drug candidates, de-risks the opportunities through preclinical studies, and progresses drug candidates to the clinic through industry and investor partnerships.

http://www.twoxar.com/

Wise Systems

Wise Systems is an enterprise software solution that helps companies make real-time delivery decisions. Wise saves companies time and money by analyzing real-time and historical data to optimize their transportation operations.

https://www.wisesystems.com/

WiTricity

WiTricity delivers wireless power at a distance to any device – enabling new experiences with products that transform the way we live, work and move.

http://witricity.com/

About MIT Startup Exchange

MIT Startup Exchange actively promotes collaboration and partnerships between MIT-connected startups and industry. Qualified startups are those founded and/or led by MIT faculty, staff, or alumni, or are based on MIT-licensed technology. Industry participants are principally members of MIT's Industrial Liaison Program (ILP).

MIT Startup Exchange maintains a propriety database of over 1,500 MIT-connected startups with roots across MIT departments, labs and centers; it hosts a robust schedule of startup workshops and showcases, and facilitates networking and introductions between startups and corporate executives. MIT Startup Exchange and ILP are integrated programs of MIT Corporate Relations.

About STEX25

STEX25 is a startup accelerator within MIT Startup Exchange, featuring 25 "industry ready" startups that have proven to be exceptional with early use cases, clients, demos, or partnerships, and are poised for significant growth. STEX25 startups receive promotion, travel, and advisory support, and are prioritized for meetings with ILP's 230 member companies.