

Sector Key:

Clean Tech

Food

Health/Biomedical

Other Tech

Dimensional Energy Inc. (SEI), Ithaca, NY

<https://www.dimensionalenergy.net/>

Dimensional Energy uses a licensed technology from Cornell to convert carbon dioxide into fuels and chemicals through their sunlight powered reactors. The Company is scaling their HI-Light technology, which relies on photocatalysis to produce environmentally responsible polymers and chemical intermediaries for industrial partners. The high-throughput reactor optimizes the interplay of feedstocks, catalysts, and sunlight for maximum conversion at low temperatures.

EagleHawk One LLC (SEI), Buffalo, NY

<https://eaglehawkllc.com/>

EagleHawk is a drone-powered technology company revolutionizing the way commercial roofs are inspected and managed, helping customers detect unknown issues, mitigate risk, and reduce roof maintenance costs.

Ecoelectro Inc. (SEI), Ithaca, NY

<https://www.ecoelectro.com/>

Ecoelectro is a specialty chemicals company. They have an exclusive license from Cornell for a family of Anion Exchange Materials (AEM). Their mission is to use chemistry to de-carbonize industry, energy production & storage and transportation sectors. First, they plan to reduce the cost of renewable hydrogen (RH); with estimate CAPEX reductions of >50% and 3x durability. The RH made is estimated to be cost-competitive with conventional hydrogen production.

EMPEQ, Ithaca, NY

<https://empeq.com>

EMPEQ's mission is to reduce greenhouse gas emissions by animating the commercial, nonprofit, and municipal energy efficient asset finance market. In pursuit of this vision, EMPEQ has spent two years simplifying and automating the financing process for utility companies wishing to improve adoption rates of energy efficient technologies for their small- and medium-sized customers.

Paradigm (SEI), Rochester, NY

<https://paradigmofny.com/>

Paradigm manufactures devices, both for the retrofit and OEM markets, which reduce pollution in gasoline and diesel engines resulting in substantial reductions in fuel and maintenance costs while improving engine uptime.

Re-Nuble Inc. (SEI), Rochester, NY

<https://www.re-nuble.com/>

Originally focused on manufacturing liquid fertilizers, the Company pivoted to fertilizer pellets. Their system transforms food waste into plant based technologies for both soil-based and hydroponic cultivation. The core technology (a patent-pending delivery device and trade secret fertilizer pellet) enables hydroponic farming to affordably and rapidly yield fully organic produce, where the alternative is up to 69% more expensive.

SunDensity Inc. (SEI), Rochester, NY

<https://sundensity.net/>

SunDensity has developed a Photonic Smart Coating (PSC) technology that enables the up and down conversion of the wavelengths in white light (UV to IR) to match the desired band which can solve several in-efficiencies in photonics. By conversion of spectrum, the Company has developed, and field tested a patent-pending PSC that significantly reduces the cost of electricity generated by solar photovoltaics (PV) applications, customizes thermal and optical behavior of architectural glass, and

increases the quantum efficiency of optoelectronic instruments.

Antithesis Foods Inc., Ithaca, NY

<https://grabanzos.com/>

Antithesis Foods is a food technology company seeking to make better food through science. The Company's first product is Grabanzos, which provide the satisfying crunch and chocolate indulgence you get from a chocolate covered pretzel, but with chickpea, a much more nutritionally dense ingredient. The underlying ingredient has many other applications for future expansion.

Eat Me Ice Cream LLC (SEI), Rochester, NY

<http://www.eatmeicecream.com>

Eat Me Ice Cream creates plant based frozen desserts in savory, smokey, tropical, foraged, spirited, umami based flavors highlighting the unique terroir and terpenes of ingredients that challenge the pallet transforming the mind, body and soul. They call them #mouthrevelations. Their work is driven by their core values of creativity and imagination, taste experiences and awareness through connection, sustainable environments/food systems/future of food/eco packaging, women empowerment, and cross cultural experiences.

Ellicottville Greens, Ellicottville, NY

<https://www.ellicottvillegreens.com>

Ellicottville Greens grows and processes high quality, indoor herbs, leafy greens, and micro greens through sustainable methods.

Ru's Pierogi LLC, Buffalo, NY

<https://ruspierogi.com/>

Pierogi is the perfect food for both a fast-casual franchise and frozen food retail. Delicious, craveable, easy to prepare, easy to pair, and a blank canvas you can fill with anything. Ru's USDA & FDA certified factory mass produces high quality dough filled with creative new flavor fusions for a time-tested frozen meal. Ru's restaurant provides the scalable blueprint for nationwide fast casual franchises.

The Perfect Granola LLC (SEI), Rochester, NY

<https://www.theperfectgranola.com/>

The Perfect Granola is a granola and granola bar manufacturer with distribution in Wegmans, Walmart, Hannaford, ShopRite, Tops and many other retailers. They launched in June 2016 and quickly became a fast growing company with a social purpose. The Company shares 5% of profits with homeless shelters, outreach centers, and Food Banks and have a student program where they mentor students through work so they can learn the skills needed to break the poverty cycle that causes hunger.

Agape Inc., Rochester, NY

<https://www.theagapeapp.com/>

Agape offers a simple and habit-forming relationship wellness app. The platform makes it easy for couples to feel and show love. The platform seeks to increase relationship satisfaction, reduce relationship failure, and assist in forming deeper connections.

BetterMynd Inc., Rochester, NY

<https://www.bettermynd.com/>

BetterMynd is an online therapy platform that connects colleges with a network of licensed mental health counselors. The Company has created a tool that allows students to access a vetted network of diverse specialists who are available through the convenience and privacy of the student's laptop or smartphone. The Company has focused on universities located in NYS as its initial market, but will look to expand to other states in subsequent years.

Circuit Clinical (Empirican Group Inc.) (SEI), Buffalo, NY

<https://www.circuitclinical.com/>

Circuit Clinical has built one of the largest Integrated Research Organizations [IRO] in the US. Their focus is on physician and participant engagement providing a distinct advantage with identification of motivated participants through direct HIPAA/FDA-compliant Electronic Medical Record (EMR) review. Coupled with their technology products that enhance the participant and physician experience, Circuit Clinical provides their network of more than 1 million patients, physicians, and sponsor partners a new path forward in clinical research.

Gian Health, Rochester, NY

<https://gian-health.com/>

Gian is transforming the grocery shopping experience by giving consumers tools to identify the right foods at the point of purchase for their health & dietary requirements. Against the backdrop of rising healthcare costs and growing attention to self-care strategies, Gian connects consumers with a network of grocers, healthcare providers, and health plans to create solutions and services that will meet their evolving health needs.

Halomine, Inc., Ithaca, NY

<https://www.halomine.com/>

Halomine is commercializing a new generation of antimicrobial technologies for the prevention control of microbiology-caused diseases in the food manufacturing and healthcare industries. They will develop, manufacture, and distribute new antimicrobial coating products based on the N-halamine platform.

Heart Health Intelligence Inc. (SEI), Rochester, NY

<http://hearthealthintelligence.com/>

Heart Health Intelligence, Inc. has developed an innovative, proprietary medical device called the Fully Integrated Toilet (FIT) seat to provide cardiac disease patients with a self-contained, passive, daily in-home monitoring. The FIT seat incorporates ECG for measuring the electrical activity of the heart, PPG for measuring blood oxygenation and blood pressure, BCG for measuring cardiac function and estimating blood pressure and a body weight sensor.

Iterate Labs, Ithaca, NY

<https://iteratelabs.co/>

Iterate Labs' mission is to harmonize the interaction between people and the processes in which they work through digitized human motion. Iterate Labs has developed the first AI-powered IOT platform that digitizes human motion into precise, actionable, data-driven insights and enables business leaders to MONITOR, ENGAGE, and MANAGE their workforces at scale, in real-time.

Patient Pattern Inc. (SEI), Buffalo, NY

<https://patientpattern.com/>

Patient Pattern is a health IT company that has developed Frailty risk assessment and clinical decision support software for health professionals and risk-bearing entities caring for individuals with chronic and advanced illnesses. They have been nationally recognized as a game changer in risk assessment and care management for high cost populations. They are launching a first-to-market product that directly impacts revenue cycle for nursing home facilities across the country based on new Medicare payment model changes. Their goal is to integrate with pipeline EHR and ancillary companies providing services to these facilities as the clinical decision support product of choice.

Promptous, Syracuse, NY

<https://promptous.com>

Promptous provides a full-service self-insurance platform for small to medium sized businesses that

allows them to streamline claims and reimbursements, making their annual dental plans 30% more cost-effective.

Tuzag Inc., Syracuse, NY

<https://wearetuzag.com/>

Tuzag is a revolutionary digital tailoring and communication engagement expert platform that provides a conversational AI informed concierge fostering surprising, delightful, one-on-one relationships that generate exponentially greater engagement: They have demonstrated 950% increased engagement. The Tuzag platform leverages ML and AI insights to tailor persistent, near-infinite contextually relevant content and services offers unique to each person, delivered as an ongoing interactive conversation based on behavioral theory, highly tailored content, and personalized curation of services.

VPG Medical Inc., Rochester, NY

<http://www.vpgmedical.com/>

VPG Medical Inc. has developed an innovative, proprietary platform technology leveraging the cameras embedded in smart devices to monitor the cardiac activities of their user. The technology is low cost since it does not rely on a dedicated sensor. It is easy to distribute since it comes in the form of a downloadable app and it operates across platforms. Their technology provides seamless, effortless, continuous, all the time and everywhere.

3AM Innovations Inc. (SEI), Buffalo, NY

<https://www.3aminnovations.com/>

3AM Innovations has developed a situational tracking solution for first responders called FLARE (Firefighter Location and Rescue Equipment). Their solution is comprised of wearables for every first responder at every emergency event, a native software application for every incident commander, and data-based services for every commissioner/municipality. Their mission is to protect those who protect us.

3D Usher, Buffalo, NY

<https://3dusher.com/>

3D Usher is making on-line on-demand manufacturing easy through its unique algorithm and extensive network of partner manufacturers. The US target market is small- and medium- sized business enterprises having trouble sourcing manufactured parts on-demand in low volumes due to high set up costs and lack of internal expertise.

Aviate Audio, Buffalo, NY

<https://aviateaudio.com/>

Aviate Audio is focused on delivering innovative products to musicians to drive creativity and expression. The Company has developed a unique wireless controller for effects pedals. One or more pedals can be attached to the Airpatch dock, which can be turned on and off via a wireless controller that attaches to your instrument. After launching the Airpatch, Aviate plans to scale with additional products.

CaHill Tech, Buffalo, NY

<https://www.cahillresources.com/>

CaHill Tech, Inc. has created a training system, named aQuiRe®, which provides a daily log of mobile-accessible material composed of dynamic and engaging videos, diagrams and quiz materials. This system facilitates essential skills/safety training adaptation, while providing peace of mind for employers and risk managers striving for optimal safety standards and employee performance. Not only does the aQuiRe system help employers meet safety standards, it can also be used as a tool to train potential candidates for trades jobs.

Exotanium, Ithaca, NY

<http://exotanium.io/>

Exotanium was founded to address cloud complexities by an academic team with deep domain experience. The startup focuses on improvement of cloud-native application security, performance optimization and cost reduction solutions. The services support the seamless customization and orchestration of cloud-native nodes and containers across by private and public cloud environments.

GRASPIE Inc., Buffalo, NY

<https://www.graspie.com/>

GRASPIE™ is a next generation, mobile-first training and engagement platform for the new connected workforce that allows employers to onboard, train, and engage employees faster and cheaper leveraging dynamic content, augmented reality, and machine learning.

Material Exchange Inc., Buffalo, NY

<https://www.materialexchange.com/>

Material Exchange provides an outlet for manufacturers to sell what they don't need. Other manufacturers can buy it at lower costs, better quantities and shorter lead times. For that, they have created an easy-to-use online marketplace platform so customers can source materials the same way they shop at home. The company does the heavy lifting in the background to guarantee customers save money, make money or find items they need when they need them.

MemoryFox LLC (SEI), Buffalo, NY

<https://memoryfox.net/>

MemoryFox provides marketing and communications managers at community-reliant non-profits with the first self-serve SaaS platform to turn their story into a revenue generator. Using their simple system, an integrated private mobile application and their suite of additional enabling products, marketing managers can leverage the timeless power of storytelling to drive business results that will benefit their directors, board members, and donor development teams.

ShrubBucket, LLC, Ithaca, NY

<https://www.shrubbucket.com/>

ShrubBucket is an e-commerce retailer and logistics company founded in 2015 in Ithaca, New York. Homeowners can now enjoy the convenience of online shopping and home delivery of a huge variety of full-sized plants sourced directly from world-class regional growers. The \$3.3 billion plant industry is largely run with catalogs and fax machines but ShrubBucket's goal is simple: To digitize and transform the horticulture industry using strategies similar to WarbyParker.com and TireRack.com.

Walkabout Collaborative LLC, Angola, NY

<http://www.walkaboutco.com/>

Walkabout provides a virtual office for the modern workplace that is more than a video conferencing or team collaboration tool. Walkabout builds a real virtual PLACE for companies, where everyone – customers and employees - can be together even when working remotely. The company currently supports enterprise customers and small to mid-size businesses in the Americas, EMEA and APAC. Walkabout is experiencing the strongest growth in its history as companies come to realize that successful remote work means more than a chat or video tool.