## techstars

Air Force Accelerator Powered by Techstars

Demo Day

#TSDemoDay demoday.techstars.com





## BAE SYSTEMS



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## **Portfolio Companies**





**Turner Bohlen**Co-Founder/CEO



Judy Alexander Director of Client Success



Carolyn Bickers
Co-Founder/Director
of Sales



Jeff Prouty Lead Software Engineer

## Faster strategic decision making supported by Al. Measure team performance, achieve 35% cost savings, and +50% team engagement.

Think of the last meeting you sat in where the conversation was going nowhere. For a Fortune 500 company, this wastes 530,000 hours of manager time every year.

Beagle helps in-person and remote teams make critical decisions faster by providing a simple, systematized process to gather input from the team and select the most important ideas to focus on. Their AI system measures the quality of the ideas teams choose, and automatically records the logic behind decisions made to avoid repeated work and bring new teams up to speed faster.

Beagle integrates directly into collaboration platforms, such as Slack, to extract the most meaningful communications, accelerate team buy-in, decrease unnecessary conflict, and speed up critical decision making.

- @beaglelearning
- **beaglelearning.com**
- founders@beaglelearning.com

### Lauretta.io



Galvin Widjaja Co-Founder/CEO



Jason Tamara Widjaja Co-Founder/CTO



Joseph Goh Al Engineering

For Facility Owners and Managers seeking to understand events within their buildings, Lauretta.io uses cameras to infer occupant activity, behavior, and intent.

Lauretta.io allows facility owners, managers, and operators to understand incidents, predict future events and understand the root cause of the current affairs. They do this by turning 350 million close circuit cameras throughout the world into a unified smart camera system that can infer occupant activity, behavior, and intent through pattern of life analysis, allowing reaction in real-time.

Actively deployed in four countries and surveying 90,000 square feet of real estate, Lauretta.io has resulted in a 30% decrease in property management costs, an 8% uptick in retail revenue and can even be used for realtime contact tracing of COVID19 patients.

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## **MESODYNE**







Walker Chan
Co-Founder/CTO

#### Silent, reliable, long endurance power from any fuel.

Mesodyne is building a new kind of power generators that fit in the palm of your hand. Not only are the generators small, they are completely silent, have no moving parts, operate on any fuel, and have 10X the energy density of lithium ion batteries.

Mesodyne brings the benefits of a hydrocarbon fuel solution to the battery scale for anyone operating equipment in remote locations: warfighters on dismounted missions, disaster relief personnel and medics, operators of unmanned systems, and more.

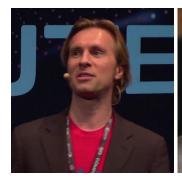


mesodyne.com



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Martin Conlon
Co-Founder

#### **GURU**, the ultimate engineering Al assistant.

Engineers use computer simulations for anything from airflow over wings to thermal analysis of the hot section in gas turbines. The problem is the simulation software is too complicated to learn so they're not getting the most out of it.

MSBAI created GURU, an Al-driven assistant that learns to run the complicated software itself so you don't have to — minimizing the human workload needed to translate engineering questions into computational workflows.







#### PEAKMETRICS







Bobby Lincoln
Co Founder/COO

Advanced detection of public sentiment and misinformation for global awareness, essential to intelligence, corporate communications, and public affairs teams.

In today's age of instant information distribution, negative media attention can destroy a business or a mission in minutes.

PeakMetrics uses a proprietary database of millions of news stories, social posts, TV broadcasts and journalists to understand what messages resonate best across all channels. Machine learning algorithms help you spot trends, discover relevant content, and predict the best path to get a message out.

One bad messaging mistake can ruin a reputation. With PeakMetrics, organizations can intelligently tap into the global conversation.

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Rahul Chipalkatty
Co-Founder/CEO



Jay M. Wong Co-Founder/Head of SW



Meredith Owen Head of Business Development



Emma Garvey Systems Lead



Harish Sampathkumar Perception Lead

## Easy, flexible, and affordable robotic automation for material handling tasks.

Today, manufacturers can't find workers and they can't afford to automate rapidly changing material handling tasks. In fact, the engineering necessary to get a robot to do one simple task, like packing a box or loading a pallet, costs 5 times more than the price of the robot.

Southie Autonomy makes automation easy, flexible, and affordable by creating a new way to talk with robot arms. With a tool called The Wand, anyone can tell the robot what to do in under 10 minutes using simple gestures. This allows for fast task changeovers and reduces automation costs by 50%.

NO coding, NO robotics expertise needed, just use The Wand!



@SouthieAutonomy



<u>southie.ai</u>



founders@southie.ai

## SPIRAL



Konstantyn Shyshkin Co-Founder/CEO



Andrii Leroshevych
Co-Founder/CTO



Inga Kolba CBDO



Frank van Liempt Head of Aerospace Solutions

#### Machine intelligence for industrial workforce.

Spiral Technology enables the conversion of paper records to digital data in real-time and in the field of view of the aircraft technician using an augmented reality headset. Step-by-step job card instructions are displayed with hands-free access to contextual reference information where and when they are needed.

The platform supports a range of use cases, including equipment inspection, complex assembly, and quality checks. Studies show time savings of up to 30% in addition to a significant reduction in errors and maintenance costs.

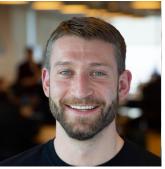
Spiral's solution was designed specifically for headsets and employs its optical sensors for electronic job confirmation and automated quality assurance as the work is being performed, eliminating unnecessary manual quality inspections.

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## TARGETALIN







**Ryan Bigham** VP/Lead Engineer

Target Arm's device, Tular, enables rotary and fixed wing drones to be launched and recovered from any moving vehicle, and even during high-wind conditions.

Target Arm created Tular®, a roll-on, bolt-on, sealed unit that integrates launch, recovery, charging, and storage of drones on vehicles, airplanes, or ships at speeds up to 65 mph. Tular employs a patented pin array design that gently captures and releases any drone that fits within its breech.

Tular is designed to enable hands-free, autonomous operations for minimal personnel and training to save lives in the DoD and help commercial customers see increased productivity.



targetarm.com



founders@targetarm.com









**Richard Legrand Groves** Co-Founder/Investor Relations



**Keaton Regenor** Marketing/Media

#### Trusted, flexible, fast digital supply chain.

VeriTX will be a trusted marketplace for digital and physical assets utilizing a platform-based business model to enable the aerospace digital supply chains of Industry 4.0.

By fusing 3D Printing and Blockchain Provenance, VeriTX will enable production to move beyond the traditional four walls of a factory to a distributed network.

VeriTX will push the conversion of bits to atoms to the point of consumption and drive the nonvalue-added costs out of supply chains like packaging, shipping, warehousing, inventory management, customs fees.



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**Brian Streem** Founder/CEO



Shahin Firouzbakht Lead Software Developer



**Suresh Kumar** Director of Technology



Edfil Basan Head of Product

## Frictionless marketplace to get anyone the aerial footage they envision. Beyond the Canvas

Vermeer makes it easy for anyone to order aerial drone photo or video through their proprietary augmented reality iOS app.

Vermeer's software is a two-sided marketplace: customers download the app, create their shots, previsualize them on Vermeer's innovative 3D interface and map technology, and then order them through the app.

Once ordered, a drone owner goes to the location, the drone autonomously captures the pre-designed path, and then, like magic, the customer gets the footage.

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Vermeer

## **Program Team**

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## **Partners**



#### BAE SYSTEMS



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Technology and Innovation.
Tech Scouting Division Lead.,
BAE Systems



**Steven Lauver**Director, Technology
Accelerators, AFWERX



Kristen R. Hajduk Director Of Operations, NSIN

# #givefirst