Human-AI Guided Minimum Viable Network for Innovation & Investment

“An analytical force multiplier for users that aids in decision support to senior leadership”
- USSOCOM Operator

“9-HI promotes efficiencies of scale at every ECOSYSTEM level through effective trusted data analytics, AI, ML and LLMs that directly support SecDef’s recent memo for streamlining the DoD.”
-DoD Systems Manager

David Mroczka, President & CEO AI Strategy Corp.
DaveM@AI-Strategy.com www.Nine-HI.com

Bottom Line Up Front (BLUF)

The 9-HI Human-AI platform enables a multi-user networked ECOSYSTEM for Acceleration of More Successful Investments.

- ✓Access, leverage and coordinate personnel, expertise and assets across the enterprise & industry developer community.
- ✓Identify “Invisible” or “Unknown Unknown Risks” to accelerate technology development past the Valley of Death to build production for critical warfighter capabilities and;
- ✓Minimize expenditure of time and resource into programs/technologies that are not viable or aligned.
- ✓Leverage our **SBIR status** to bring AI and ANY technologies to you without further competition (immediate contracting).

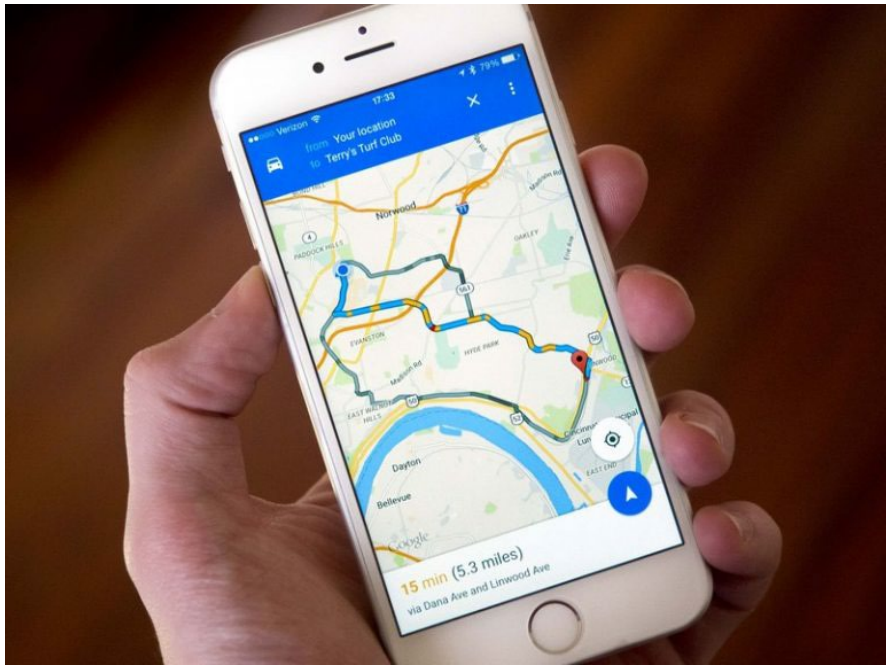
Investing in Security Innovation: 9-HI™ Human-AI Investment Infrastructure

- ✓ Private & Allied Investments alongside the U.S. Department of War
- ✓ Validate Commercial and Military Dev/Deploy Pathways
- ✓ Uncover Hidden Technical and Execution Risks
- ✓ AI-Driven Technology Due Diligence & Company Guidance
- ✓ Curated, High-Quality, Low-Cost Deal Flow
- ✓ Identify Winners Earlier
- ✓ Build Confidence for Go/No-Go Invest/Acquisition Decisions
- ✓ Optimize Use of Funds tracked thru Production Deployment

AI-Assisted Model for “Taking a Product to Market”

“IT’S LIKE GPS FOR TECHNOLOGY SUCCESS”

- ✓ Product-Market Application Fit
- ✓ Optimum Dev Pathway Based on Risks
- ✓ Model an Investment or an Entire Operation
- ✓ Deploy the Right Team, Resources & Know how
- ✓ 25 Years of Data, 15,000 DoW/Gov Dev Projects



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Target TRL: 9

Product Technology

Appeal	7.2	Value	6.9	Reliability	6.9
Range of use	7.2	Function/Price	6.5	Meets customer expectations	6.4
Newness or refreshable	6.5	Multiple capabilities	7.5	Performs on par with competition	6.8
Easily repaired	7.8	Simpler design	7.5	Product robustness not defined...	7.4
Tailored to target customer	7.5	Greater precision	7.2	Durability/life considerations are...	6.5
Ease of use	7.0	Low incremental cost over life	6.0	Low incremental cost over life	7.5

Team & Stakeholders

Personnel	7.5	Planning/Processes	8.3	Finances	8.8
Gates to commercialization charted...	7.1	Project plan is completed and used...	8.5	Short and long term financial goals...	9.2
All expertise are provided through...	8.0	No infringement of existing IP	8.9	Low fixed costs	8.9
Organization is tailored for this...	7.8	Product lifecycle acceptable	7.8	Low variable costs	9.0
Personnel are fully/continuously...	7.1	Technology available for each...	7.8	Tangible business plan completed	8.2
Flat organization	7.5	Contingencies considered and...	8.5	Cash burn contingencies understood	8.7

Market Application

Size/Scope	8.0	Demand	7.2	Access/Delivery	7.3
Ability of new product to consolida...	7.3	Established application(s)	6.8	Barriers to entry removed	6.8
Longevity of target application	7.8	Target users involved in design/...	7.5	Distribution requirements...	8.2
Potential to offer follow on variatio...	8.0	Affordable to customers	7.7	Customer feedback implemented	7.0
Product life cycle advantages	8.5	Satisfaction guaranteed	7.5	Fast response to demand change	7.5

Investment/Acquisition Process Comparison

Typical Process

- Limited Distribution- Limited Innovation funnel
- 5, 10, 30-page White papers & Random Decks
- Waste of time, Poor validation of info for Selection
- **Proposer:** 30-60 days & **Best GPT Writer Wins**
- **Evaluators:** 60-90 days (or longer)combing through randomly organized proposals looking for truth
- **Evaluators** make best guesses- Low confidence

- **Results:**
  - 8 months through batch selection process
  - Low Transition rate
  - Lots of Funds directed unsuccessfully

9-HI Process

- Growing Pool Taps Investors, Universities, Allies
- 9-HI Evidence-based Scored Projects
- Assesses Maturity, Risks & Maps pathway forward
- **Proposer:** 1-2 Days w/AI Agents to **Build Actual Plan**
- **Evaluators:** 1-2 hours to validate a top ranked project

- **Evaluators** drill into evidence- High confidence

- **Results:**
  - Continuous selection of new tech in 3-4 days
  - 8X Transition rate improvement
  - Funds targeted to high confidence solutions
  - 9-HI gives Tech developers immediate feedback & guidance
  - Funded project format already established w/Gov SMEs imbedded for oversight

BLUF: 9-HI Value Prop

US ARMY PILOT RESULTS

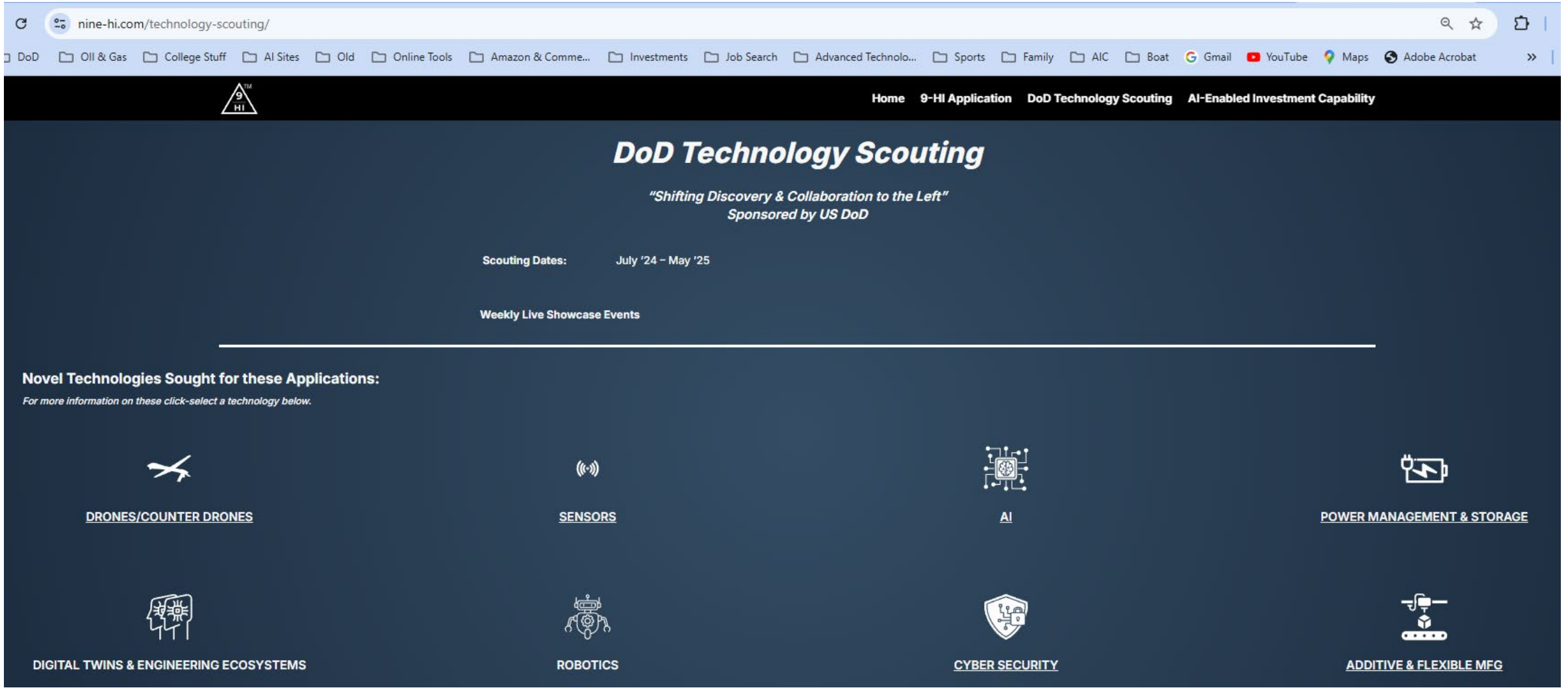
- ✓ Acceleration- 94%
- ✓ Cost Savings- 96%
- ✓ Greater Results- 800%

Faster, Cheaper, Better.

Comparison of the 9-HI Army Demo Program to Conventional DoD Development & Acquisition

9 HI™

Scouting for 8 **ARMY** Application Needs “Left of Normal Acquisitions”



2024-25 US Army Tech Scouting

Demo Program Highlights

6 Months of Operation / 150+ companies onboarded

30+	Government SMEs: US Army, Navy, Air Force, US Marine Corps, USSOCOM, UK STRATCOM, DOE, OUSD R&E,
17	Private Equity Investors & Scouts from US and EU
50-200	participants in Weekly Showcase Meetings
37	projects connected with growth path opportunities
13	Proposals to the US Pentagon JRAC for JUONs
4	Companies POM'd for 2026 Budget by US Army TiC

www.Nine-HI.com, Patent Pending, POC: Dave Mroczka, President AI Strategy Corp. DaveM@AI-Strategy.com (SBIR Phase I, II & II Awardee)

9-HI Acceleration

94% reduction of time to contracting actions

Conventional duration: 10 Months (including proposal review period)



The Army xTech Program – xTechOverwatch Competition Announcement

Date	Activity
April 2 – May 21, 2025	Part 1: Concept white paper submission period
June 30, 2025	Finalists announced
August 2025	Collider event (exact date will be provided once finalized)
October 27-29, 2025	Part 2: Finals pitch event/demonstration
October 29, 2025	Final winners announced
November 12-25, 2025	DP2 Army SBIR proposal submission period

9-HI Developer onboarding to Technology Assessment Completion:

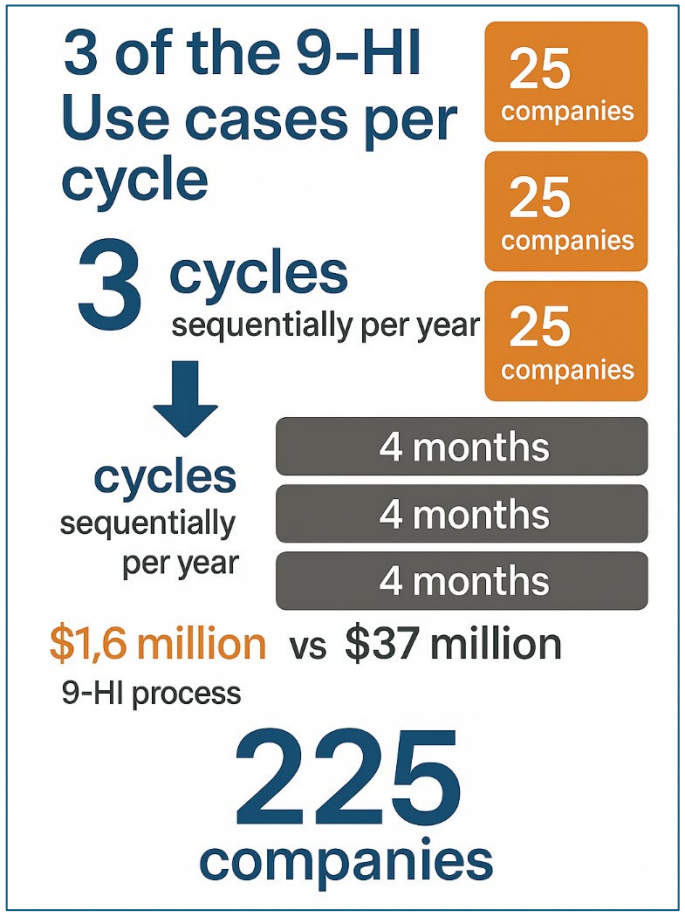
Total time: **2 weeks**, can sprint in 3-4 days for urgent needs

9-HI Cost Savings

9-HI dramatically reduces the cost of assessing individual technologies

- The U.S. Navy spent $37M on SBIR Phase I awards to 225 companies in 2022*
- 9-HI can evaluate the same 225 Phase I proposals for Phase II equivalent level of readiness for $1.6M

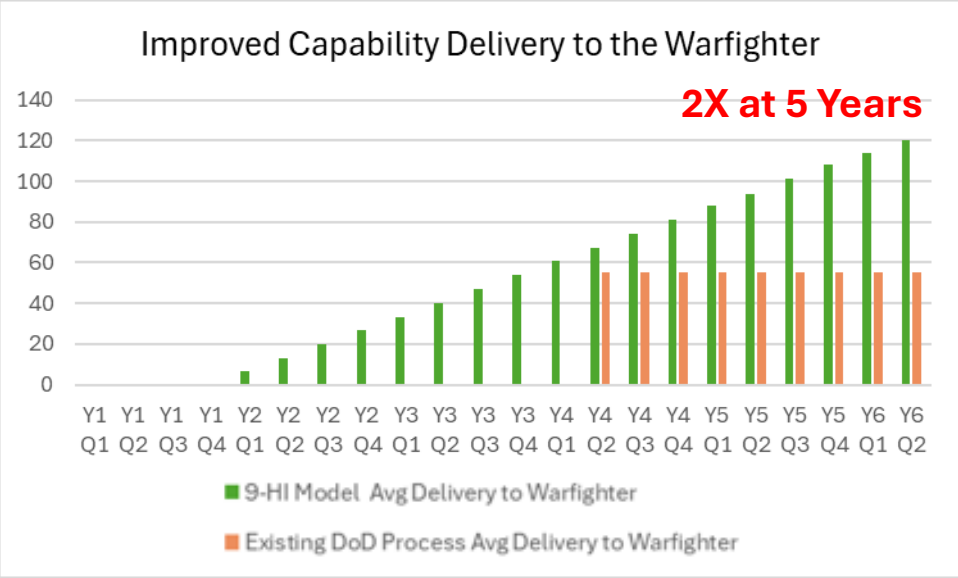
96% Savings: $35.4 million



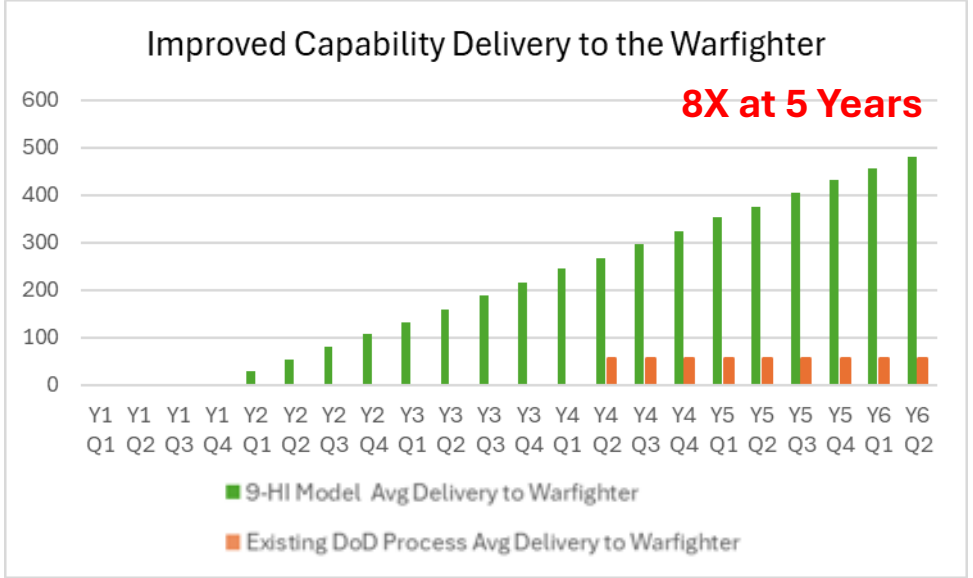
*Source: https://www.navysbir.com/docs/DON-FY-22-SBIR-Year_in_Review.pdf

9-HI Improved Warfighter Delivery

9-HI dramatically improves the assessment throughput and ROI on each $ spent for viable technology solution yield

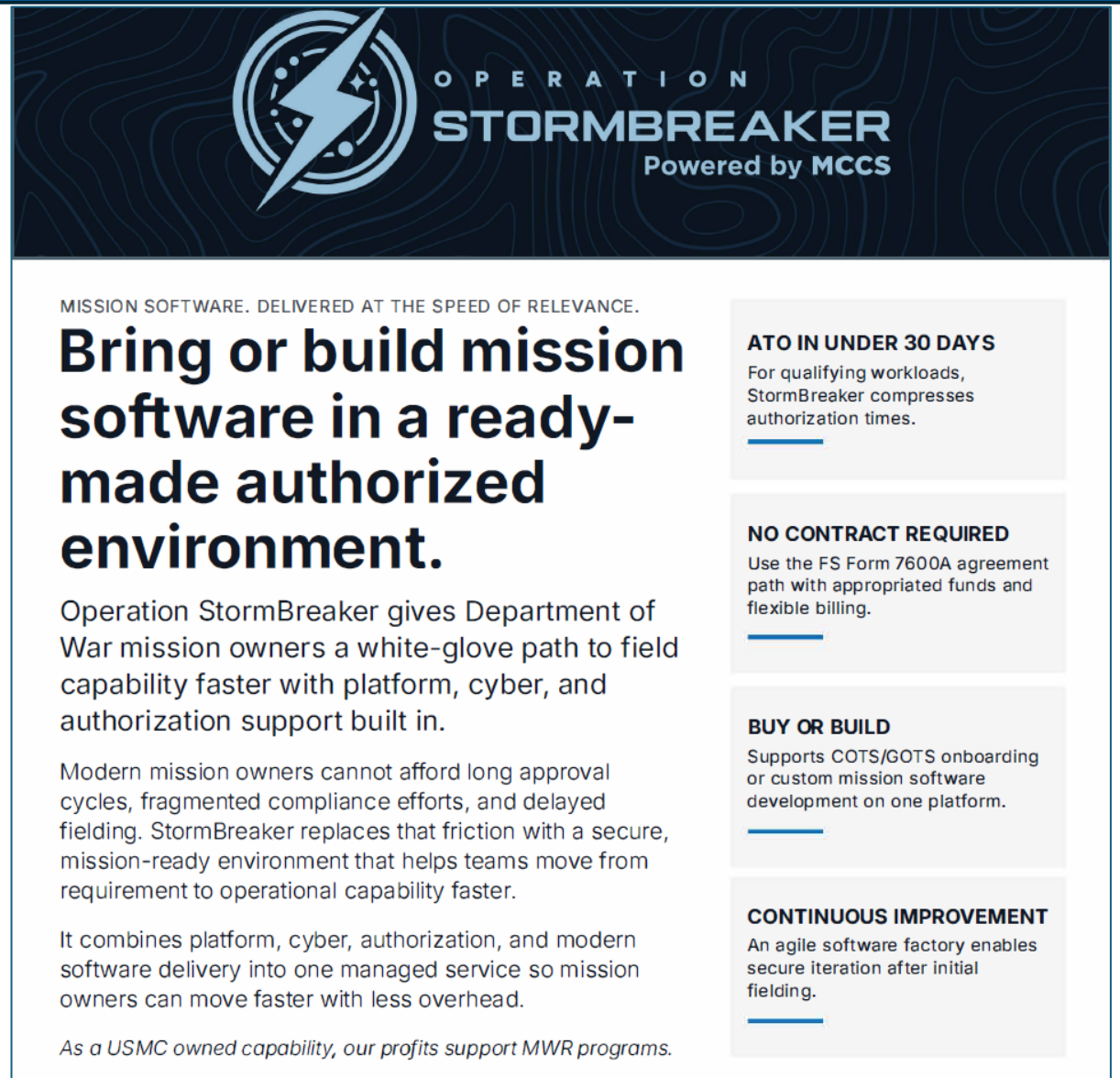


9-HI Performance
with $360 million Savings



9-HI Performance
with $360 million Savings
Re-Invested in more Technologies

Established Channel Partnership with the US Marine Corps.



Success stories

Five (5) days from Requirements to Solutioning, AI Assessment, SME & Brig. General Buy-in

9-HI Demo Program Example: SwarmStopper™

- After need was solicited through 9-HI, a low-cost ($350/round) man-portable anti-drone swarm weapon system was **designed**, **assessed** in 9-HI, **presented** to Army SMEs and Brigadier General, and **accepted** in just **5 days total**.
- The *Goodman Technology team* is now engaged with Army SMEs pursuing a November Live-Fire Test with US Army Transformation in Contact (TIC) Berlin Germany.

Additional Solutions for End-to-End AI &Cyber Solutions

- HoloSail teaming with Vantiq, **Qubit DNA**
- Creating an end-to-end cyber solution; all met through the 9-HI Collaborative Platform
- Able to harden Critical infrastructure with point-to-point cloudless secure system
- Covering OT/IT and all comms to the edge, for complete cyber security

The MockingBird System

Detect & Destroy Red UAS while leaving Blue UAS Flying



The Problem

- China can coordinate ~12,000 drones in artistic display
- It requires just a few hundred drones to destroy billions of dollars worth of assets
  - Current solution: firing $25K missiles at $1,500 drones

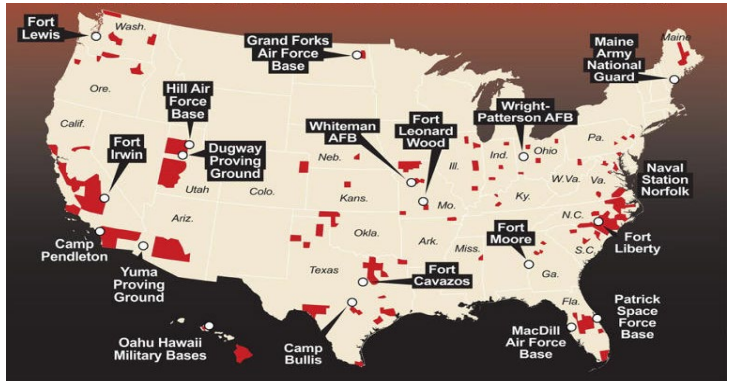
Solution Requirements

1. Our forces need to quickly *detect and identify* numbers, velocity and altitude of UAV swarms.
2. Our forces need to quickly *incapacitate* both individual UAVs, as well as UAV swarms.

"Chinese civilian manufacturers have the capacity to retool in under a year to turn out one billion weaponized drones annually — without slowing the rest of China's economy." – Gene Keselman, MIT

The Solution

- Passively detect, identify, communicate UAS/UGV threats
- Portable sensor deployment (helmets, vehicles, aircraft)
- **Targets & Destroys Red Targets While leaves Blue Flying**
- Destroy mass numbers of drones, at a low cost per use
- Evolve to more threats (e,g, IAD's) at greater distances



China has 30 square miles of "farmland" near each of our 19 major US bases.

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SwarmStopper™ Low Cost C-UAS

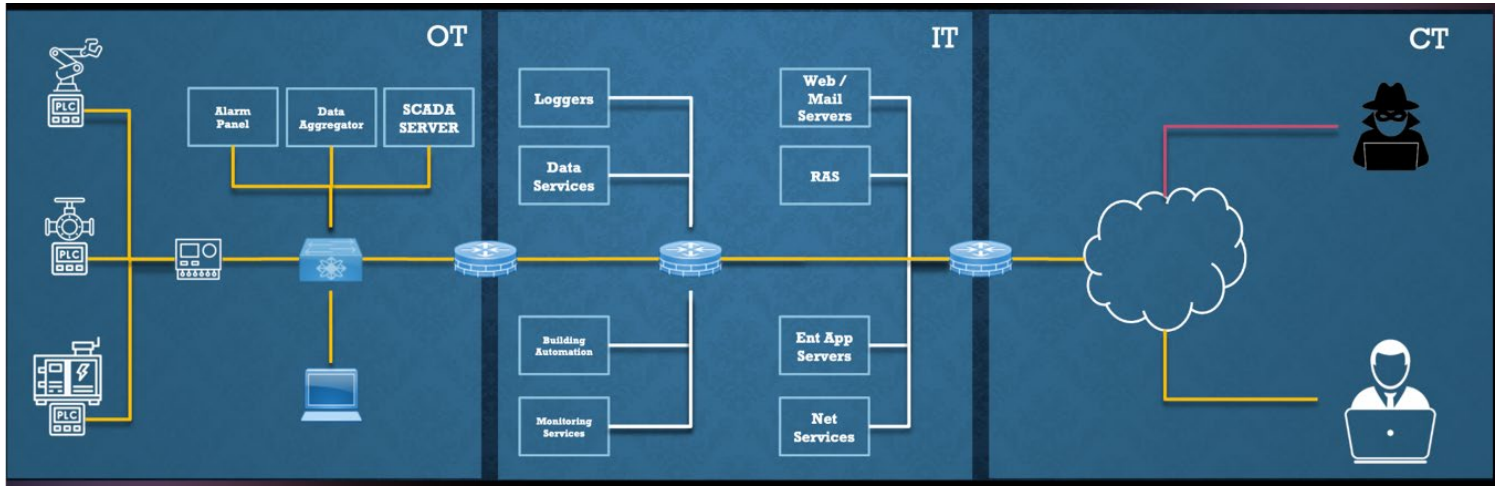




Goodman Technologies, LLC

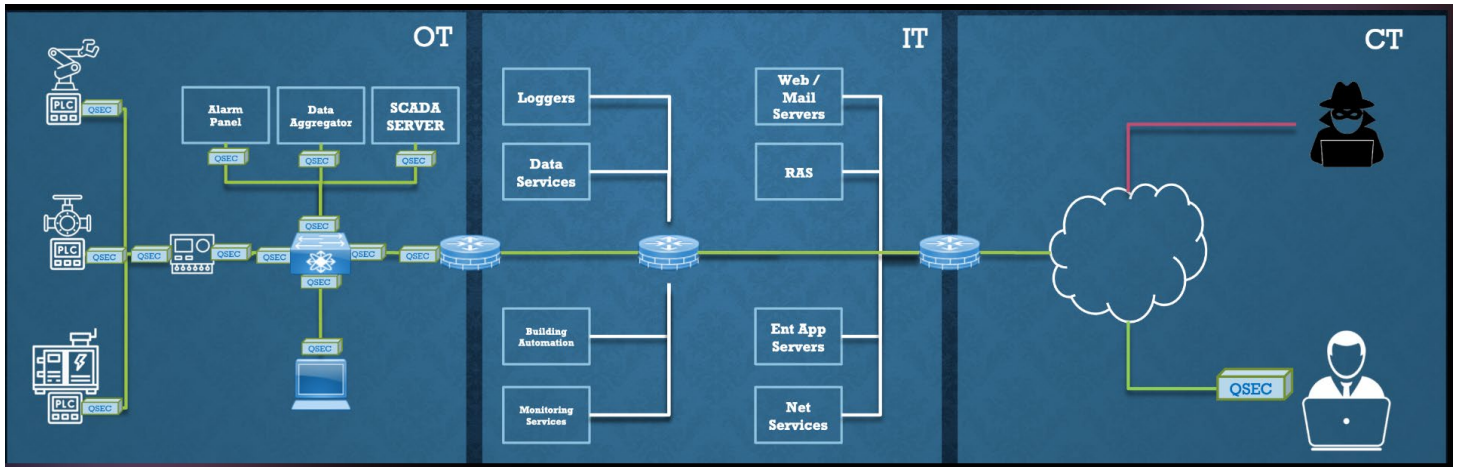


Q-SEC OT infrastructure Cybersecurity



- Nullifies penetration points: OT devices invisible; traffic end-to-end encrypted
- Failure modes reduced and made failsafe/"brick"
- Improved protection of the entire system/network from CT to OT
- NSA & FBI reviewed

- Protected **devices invisible** to external view
- **Extreme zero-trust**: comms locked to customer-specified devices; point-to-point only
- **Passthrough**; transparent to existing OT system
  - No internal memory
  - Legacy-compatible for OT-system devices
- Extreme resilience temperature & submergence



GT Technologies: GT Puller™ Autonomous Defense Ground Vehicle



Multi-Sensor Fusion: Simultaneous processing of Ouster OS0/OS1 LiDAR, GPS, IMU, SenS 1280V-ST SWIR thermal, and FLIR Blackfly S EO camera. Graceful degradation ensures single sensor failure does not halt autonomy.
Dual Radar Integration - **Short-range:** 250-500m detection, personnel and vehicle classification –
Long-range: up to 30km range, 1,000+ simultaneous tracks, missile and UAV detection - Both radars feed directly into the autonomy loop for threat-aware navigation
Ballistic Missile Defense (optional add-on):. Iron Dome radar lineage, purpose-built for tracking ballistic missiles, rockets, and mortars at air defense ranges. Operates as a networked sensor feeding track data into the Sentient Edge fusion pipeline — no separate operator interface required.

An autonomous, hybrid gasoline/electric, all-weather, all-terrain, tracked UGV that is interoperable with FAAD C2 for remote deployment and capable of launching 6 to 36 extended range SwarmStopper™ effectors. Uses a field-deployable edge autonomy tech stack that combines edge-AI processing, deterministic decision infrastructure, and multi-domain sensor fusion to deliver reliable identification, tracking, targeting support, and autonomous action for unmanned systems.

Axellio: Faster Data Transmission & Capture w/ No losses

Collection, Storage & Analysis Redefined



Multiple Data Streams In/Out
Simultaneous read/write

- **Patented high-speed <u>software</u> platform:**
  - 200 Gbps sustained no-loss storage to disk with simultaneous 300 Gbps distribution from disk all in a 1U COTS server
  - Over 1.4 Peta Bytes of storage available in the same 1U server
  - Scalable from edge devices to many servers
- **Any time-series data (packet, RF, video, voice, log files)**
- **Rewind, replay, re-analyze – controlled & repeatable data distribution**
- **Hardware agnostic, high-density SWaP**
- **Inline compression and encryption available**
- **Patented**

© Axellio Inc 2026

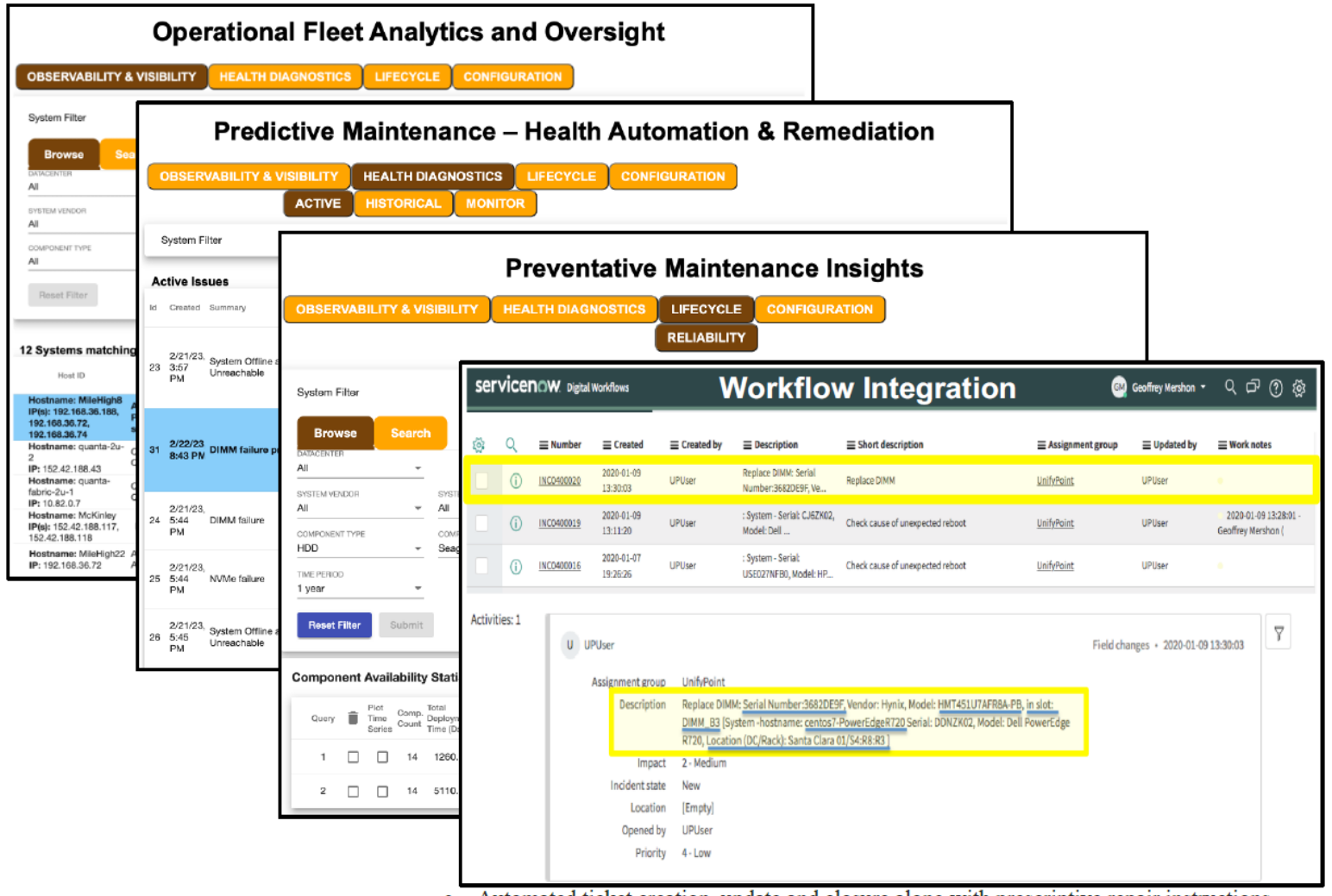
AXELLIO

UnifyPoint- Automates Data Centers to Maximize Uptime Capacity

Problem:
Infrastructure operations tools are reactive and rely on costly manual effort to resolve issues after downtime.

Solution:
Proactive technology that enhances IT resilience, readiness, and awareness by using predictive and preventative analytics to remediate issues before failures occur.

Improve Resiliency & Minimize Downtime with UnifyPoint



- Automated ticket creation, update and closure along with prescriptive repair instructions

NOVASPARK- Hydrogen on demand

NovaSpark Wins at the Tactical Edge

- **The only mobile, multi-output system**
  Hydrogen, electricity and water
- **Independence from all supply chains**
  No diesel, no bulk hydrogen, no grid
- **Defense-tested**
  Deployed with Marines (Keone Bay, 29 Palms), U.S. Army, Air Force, DIU

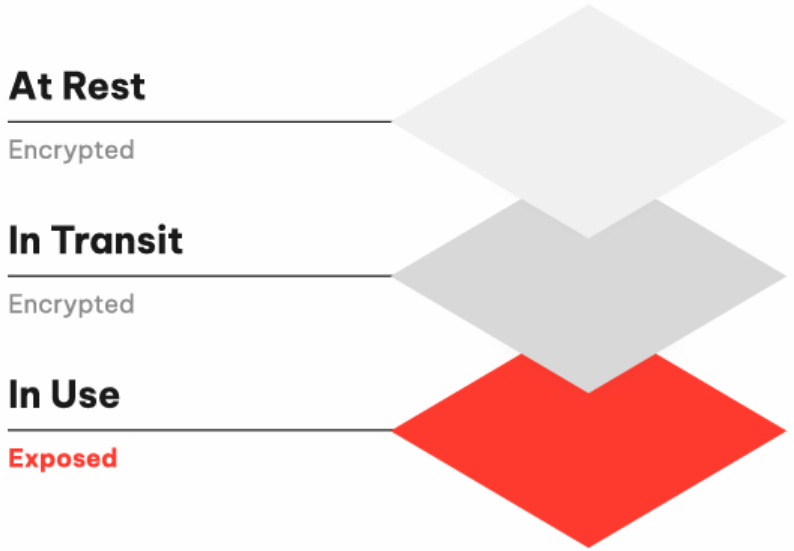


FR0NTIERX Protects the most vulnerable data “IN USE”

Data is protected at rest.
Protected in transit.
Exposed in use.

Computation requires decryption.

Trusted Execution Environments (TEEs) – specialized encrypted hardware that protects data while it's being processed – verify security at startup, providing initial assurance. After that, nothing. No monitoring. No verification. No additional protection.



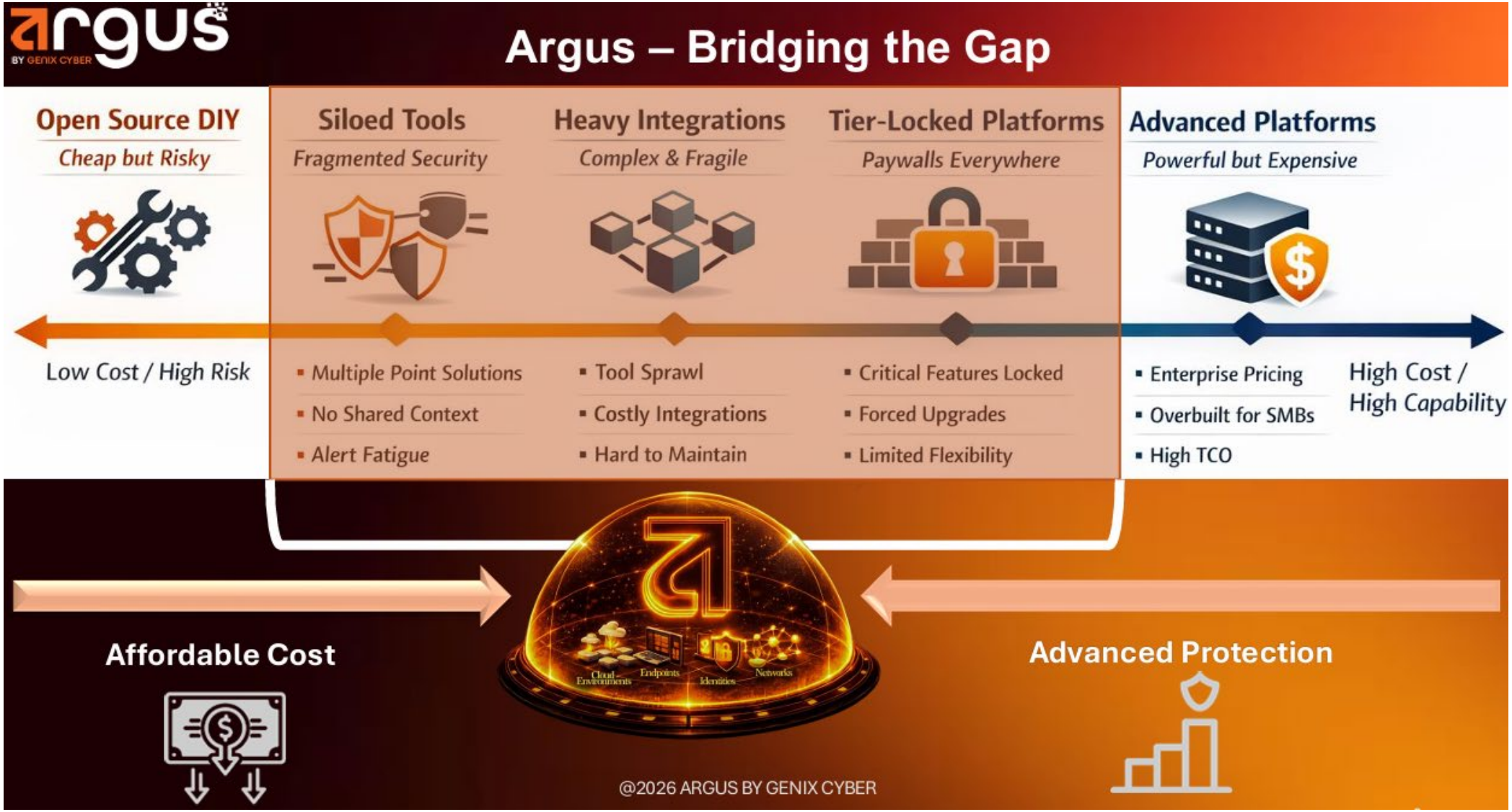
Fr0ntierX leads MITRE's working group on continuous layered attestation and holds partnerships with Oracle, Azure, Google, AMD, Intel, and NVIDIA.

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FRØNTIERX

Argus: Manages All Cyber tools & Fills in Vulnerable Gaps



ETHAR- AI Embedded into Digital Twins

Intelligent Information Delivery for Mission Command & Control

workforce development * operations * decision-support

Interactive contextual data in 3D space

AI + AR/VR + Digital Twins

sight * sound * touch * spatial cues





ETHAR
Spatial Intelligence

Ethar, Inc. Huntsville, AL 832.317.3730 info@ethar.com

Make better real-world decisions with speed and confidence.

understand complex information faster,
engage with it more naturally, remember it longer.



mission-ready: anywhere, anytime with information at your fingertips

EAS RADAR- Beyond Line of Sight

Expeditionary Aerostat Radar (EAS-Radar)
Air Defense and Surveillance

Carolina Unmanned Vehicles
Mike Rogers / 919-414-2233 /
merogers@carolinaunmanned.com

Anti-Ship / Anti-Air Capability

Elevated Surveillance Radar Protecting Expeditionary Warfare Forces

Coverage Solid State X-band Radar With Completely Automated, Real-Time Tracking Of 20,000+ Targets







Specific Capability Provided

Elevated Radar Coverage For Wide Area Air / Surface Surveillance

Highly Mobile, C-130 Transportable, Minimum Logistics



Operational and Technical Approach

Highly Mobile Tactical Aerostat Mounted on HMMWV Trailer(s)

Lifting Aerostat Operates In High Winds Others Cannot Withstand

Persistent Littoral / Port Radar / Air Base Surveillance To 75 Km

Low Radar Cross-section (RCS) Cruise Missiles / UAS / USV Tracked At 15+Km For Early Warning

Ships Tracked At 50+Km For Enhanced Targeting To Anti-Ship Missiles

Performance

Capability	Metric / Parameter
Surveillance	100+Km Coverage Radius
Persistence	24/7 Except 30 Minute He2 Top-Off Every 3 to 5 Days
Mobility	Off Road Movement, 25 kph
Operational Movement	Move With Aerostat Aloft or On Trailer, Speed 10 kph
Transport	C-130 Roll On / Off.

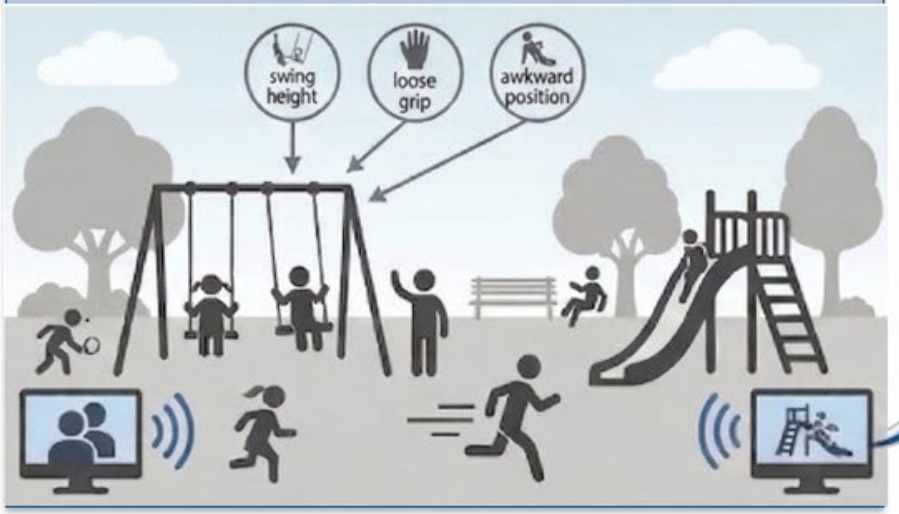


ParaDEVS Accelerates Data Integration for Faster AI Decisions

ParaDEVS: Rapid Evidence Accumulation & Risk Assessment

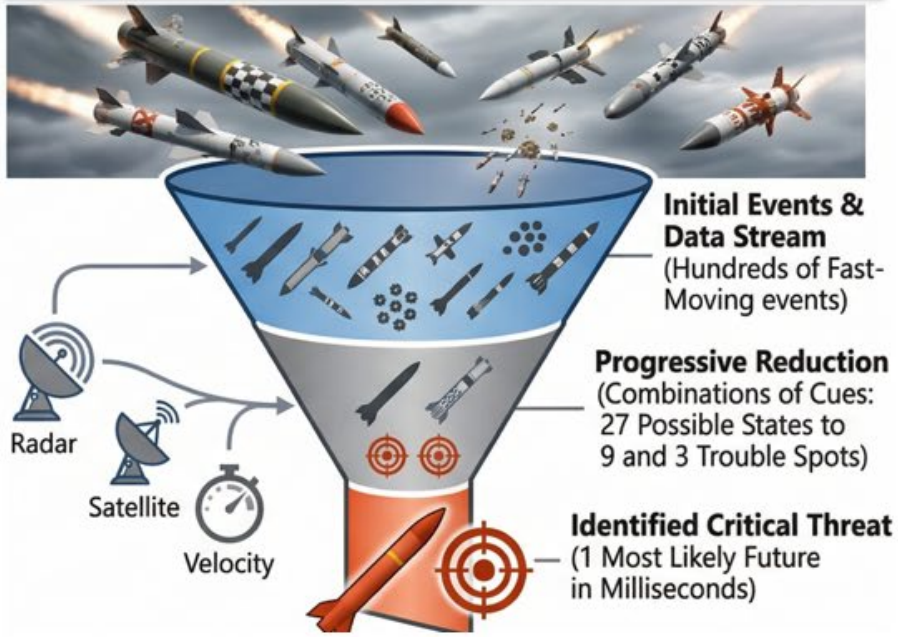
ParaDEVS Use Case for Missile Threat Assessment and Cue-Based Risk Tracking

PLAYGROUND ANALOGY



Busy Playground, Many Fast-Moving Events
Observable Behaviors as 'Cues'
Focus on Combinations of Informative Behaviors

MISSILE THREAT APPLICATION



THE ParaDEVS ADVANTAGE

SPEED: Real-time Threat Assessment in Milliseconds

FOCUS: Staggered Time-Sensitive Evidence Accumulation

RESULTS: Progressive Risk Reduction by Order of Magnitude

Enhanced Cell Tower UAS Detection

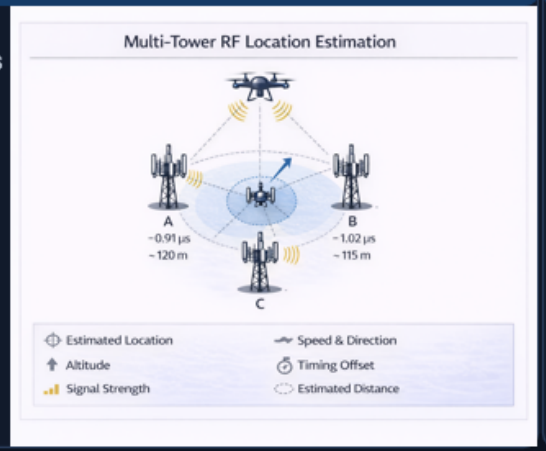
Distributed RF Analysis for Counter-UAS and Spectrum Security

Leveraging cellular infrastructure with Astrapi RF sensing and Syllego operational intelligence

Syllego

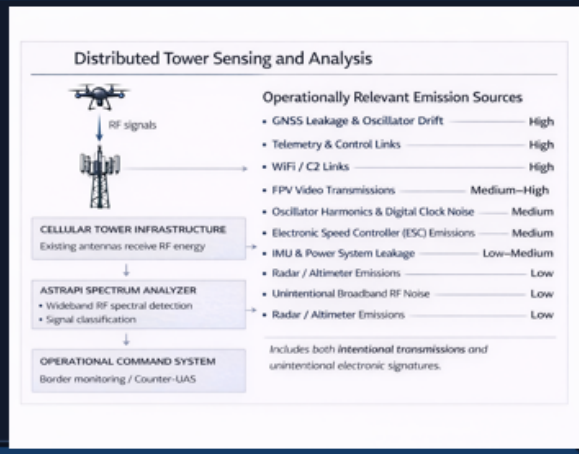
1. Mission Need & Context

- Use existing telecom towers as a distributed RF sensing layer
- Monitor drone links, telemetry, and other electronic emissions
- Extend coverage without a greenfield sensor buildout



2. Architecture & Flow

- Astrapi wideband sensing observes the local RF environment
- Syllego fuses tower observations into a real-time operational picture
- Outputs integrate with operational command systems



3. Why Astrapi and Syllego

- Astrapi has pioneered a new more accurate and precise wideband spectral analysis technology designed to analyze real-world dynamic spectral environments.
- Supports Dynamic Frequency Resolution Monitoring to focus in on events of interest.
- Syllego fills the critical gap between signal capture and operational utility by enabling classification refinement, cross-domain correlation, and a unified common operating picture without replacing existing C2 systems.
- The platform enables in observations to be translated into potentially actionable understanding—who or what is operating, where, and why it matters.
- The result is faster, more confident decision-making, with full traceability and no dependency on a single data source or system.

4. Operational Effect

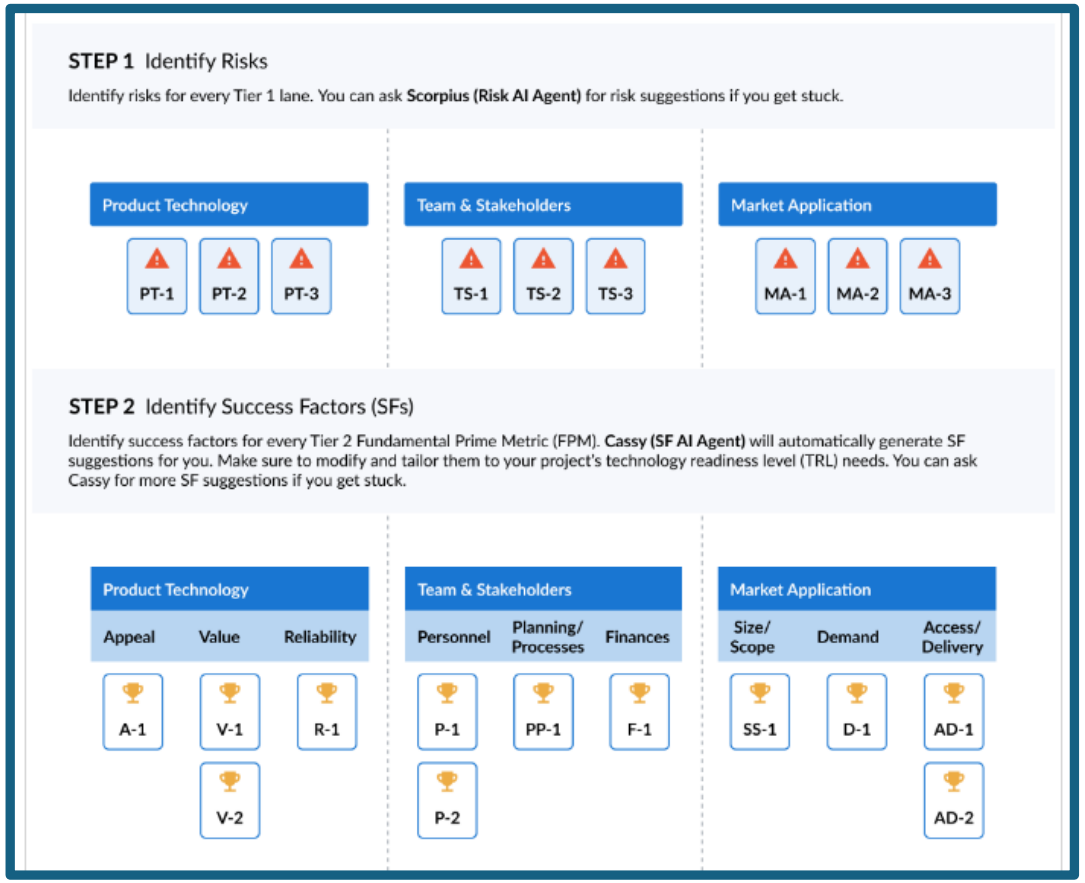
- Multi-tower geometry supports location, direction, speed, and altitude estimation
- Enables border monitoring, counter-UAS, and spectrum security missions
- Improves situational awareness for defense and security organizations

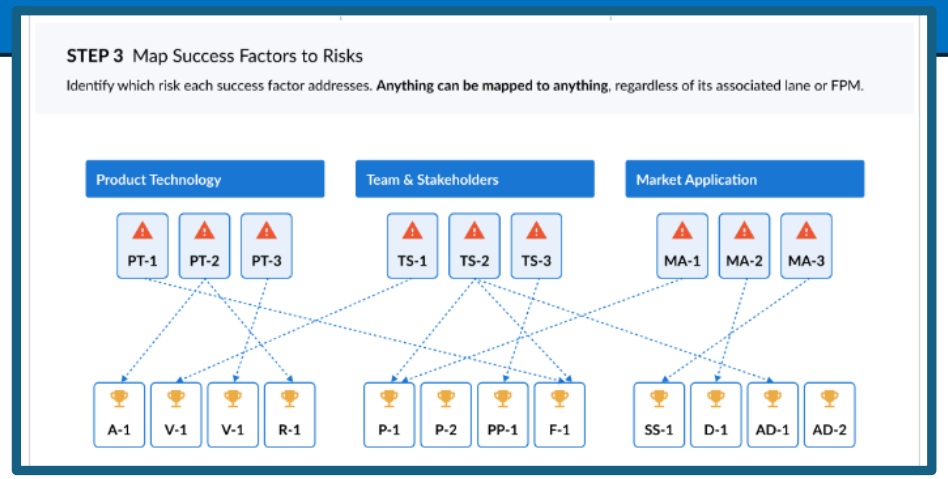
Detect Locate Classify

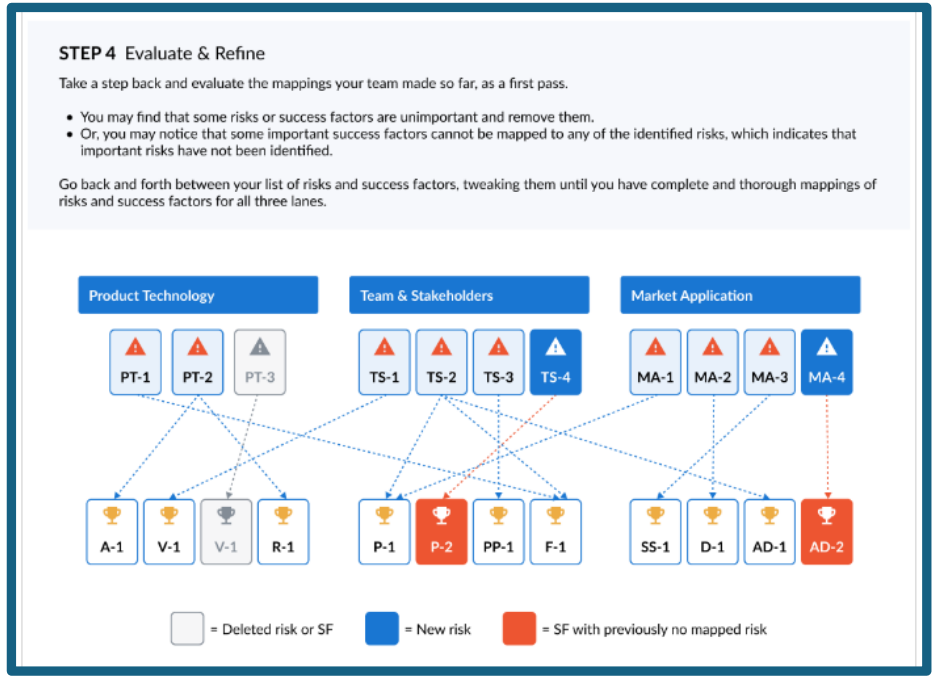
ASTRAPI®
Exponential Communication

9-HI Enables Comprehensive Risk Assessment & Mitigation

*"Humans collaborating with AI Agents on **every step** to identify Risks, Success Factors w/ Maturity Evidence for problems that government and businesses face."*







9-HI Data Sources & AI Agents

4 layers of data sources:

1. Organized project centric data from the Human Subject Matter Expert (SME) Team.
   Humans typically identify 80-85% of Risks & Success Factors.
   The unidentified 15-20% cause the *Valley of Death*, so we supplement with 3 AI data sources!
2. Internal database of previously attributed (25 yrs.) data for Risks, Success Factors
   (Natural Language Processing AI, Pre-Vetted)
3. GPT Curated query feed from public internet for minimized request flaws
   (Optional- LLM Microsoft/Open AI- with Human selective Vetting)
4. GPT Curated query feed from Gov/Enterprise secure databases for use of rich relevant data history
   (Optional- LLM used in 3 above w/ trusted & vetted with additional manual selective Vetting

5 specially designed AI Agents:

(12 applications of LLMs and custom algorithms presented by 5 AI Agent Personas)



Orion	Builds the best human team that evolves as Projects Mature
Scorpius	Identifies Risks for the Technology for Specific Applications
Cassy	Recommends actions for Risk Mitigation
Hercules	Recommends Technology and Technology Provider Solutions
Libra	Suggests Evidence types to drive Score Maturity

Demo Videos

- 28-min. all three Projects Demo https://vimeo.com/934558094/ff92ffb6ee?share=copy
- 20-min. Selection Project Demo www.vimeo.com/899087284/7be822e623
- 13-min. Development Project Demo www.vimeo.com/895887764/090821925b
- Investment Project Video https://vimeo.com/manage/videos/930731586/b187a454b5

