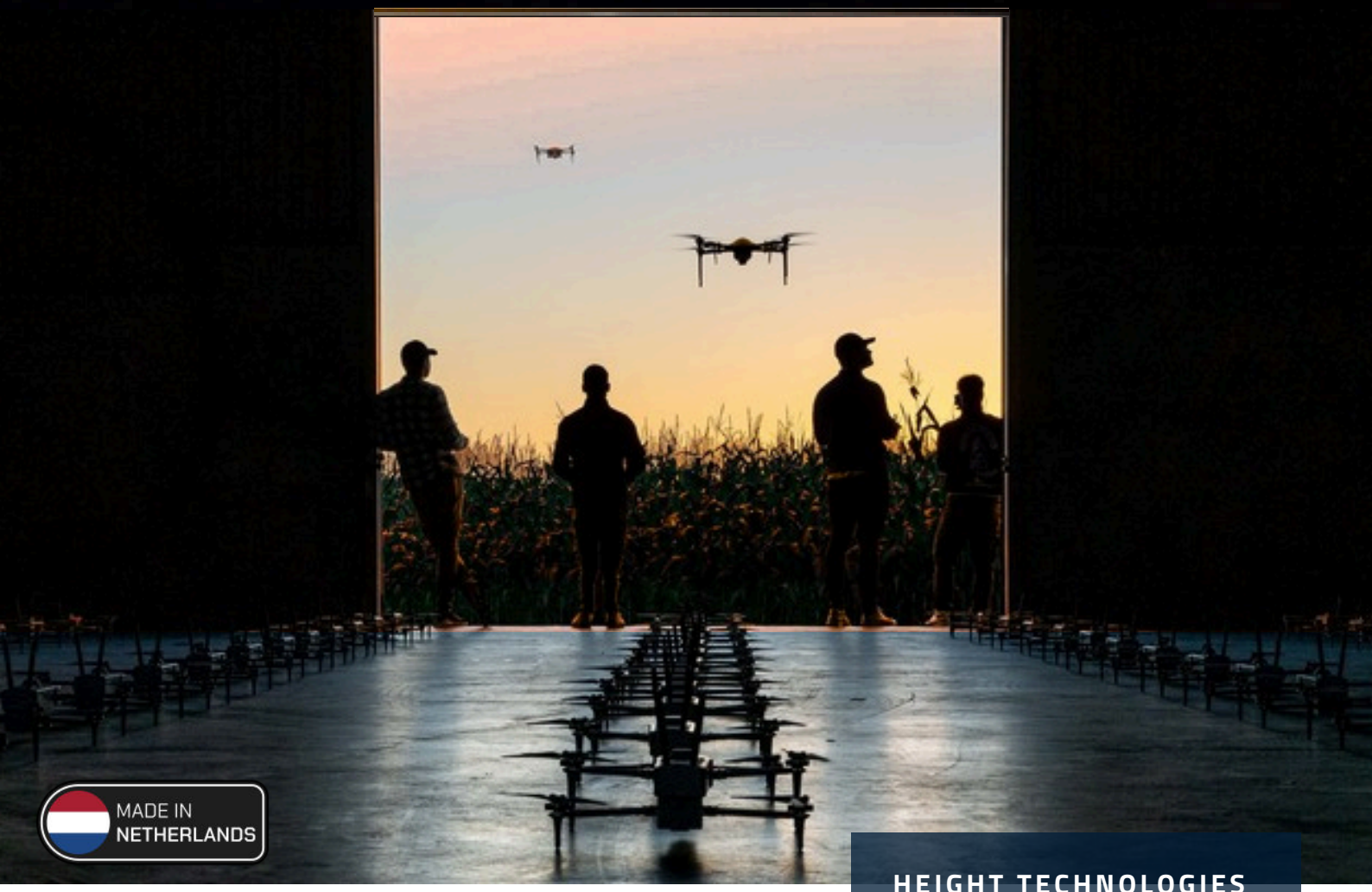
HEIGHT TECHNOLOGIES

ACCELERATE. CONNECT. STRENGTHEN.

PREPARING FOR THE FUTURE



HEIGHT TECHNOLOGIES
NEWSLETTER

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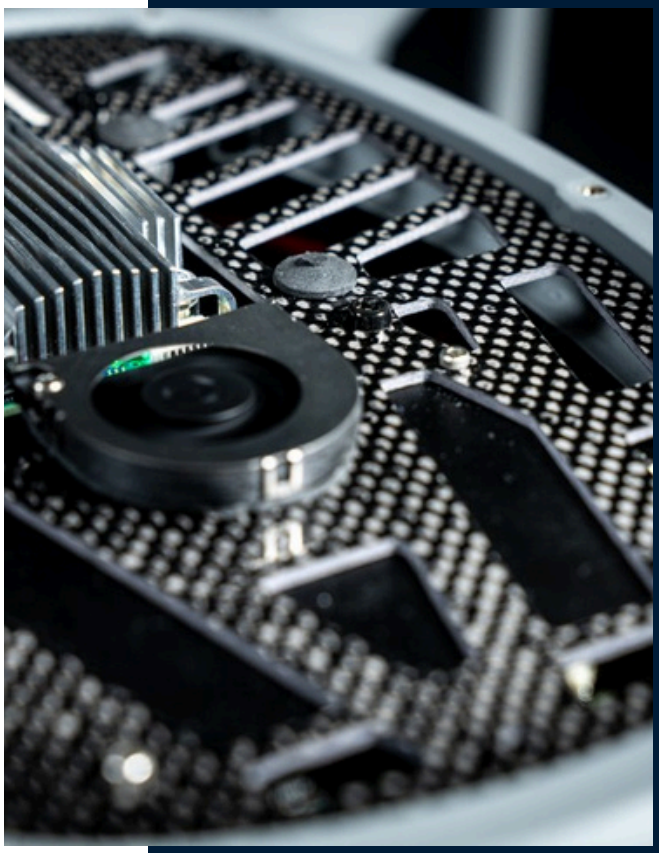
STRONGER TOGETHER

In a world where technology is evolving at lightning speed and collaboration is crucial for progress, Height Technologies remains committed to pioneering solutions. In this newsletter, we take you through the latest innovations, strategic collaborations, and developments within our organization as well as in the fields of defense and security.
We highlight recent projects, introduce new partnerships, and give you a glimpse into how we, together with our customers and partners, are building the technology of tomorrow.

AUTERION X HEIGHT

Auterion's cutting-edge Skynode and Mission Control software are now fully integrated into our Martlet drone systems. This integration brings an immediate boost in functionality and connectivity for users operating in complex environments.
With Skynode, operators benefit from a powerful onboard mission computer that streamlines autonomous flight operations. On the ground, Mission Control delivers a sleek and intuitive interface for mission planning, real-time video streaming, and flight management. The result? A unified ISR workflow that enhances operator efficiency and maximizes mission success.
Most importantly, this collaboration lays the groundwork for true interoperability—not just between systems, but between nations. Martlet drones powered by Auterion software are now ready to operate seamlessly within joint NATO environments, increasing alignment and coordination across allied forces.



HAI

Tactical intelligence, at the Edge

HAI is more than just hardware. It's an edge-AI platform built for ISR dominance. By enabling drones to process vast amounts of real-time sensor data onboard, HAI delivers unprecedented levels of situational awareness and autonomy.
This breakthrough allows our systems to detect, analyze, and act on critical information without waiting for ground-based processing. From sensor to shooter, decision loops are drastically shortened, enabling faster and smarter response in the field. HAI empowers operators with the intelligence they need.

AUTERION'S OPEN SOFTWARE AND OUR ONBOARD HAI NODE TOGETHER DELIVER A MODULAR ISR SOLUTION WITH REAL-TIME EDGE PROCESSING, SEAMLESS NATO INTEROPERABILITY, AND SCALABLE AUTONOMY. THIS INTEGRATION ENABLES FASTER SENSOR-TO-DECISION LOOPS, IMPROVED SITUATIONAL AWARENESS, AND STREAMLINED DEPLOYMENT ACROSS DIVERSE DEFENSE AND SECURITY MISSIONS.

VISION OF THE CEO

ERNST THIJSEN

We are entering a new era—one that demands resilience, autonomy, and foresight. At Height Technologies, we believe drones will play a defining role in the future of defense and security. Not just as flying machines, but as enablers of strategic decision-making, operational safety, and technological sovereignty.
Over the past decade, we've built our company with a clear vision: to create high-performance unmanned systems that are developed for Europe, in Europe. With the start of full-scale Martlet production here in the Netherlands, that vision is becoming reality. But for us, this milestone is just the beginning.
Across the globe, defense landscapes are shifting. Supply chains are under pressure. Threats are more unpredictable. In this world, agility matters. So does collaboration.

The future of European defense will depend on strong partnerships, shared innovation, and an ecosystem that works together to ensure security and sovereignty.
It's about shaping the future collectively, ensuring that European forces have access to the right technologies, at the right time, without compromise.

At the core of this approach lies interoperability. Defense today is defined by joint operations, and effectiveness depends on seamless integration across allies. That is why the Martlet has been conceived as a family of systems: scalable, modular, and fully aligned with NATO standards.

"We are committed to working closely with our partners across the Netherlands and Europe co-developing, innovating, and building capacity together. This is not just about speeding up delivery or increasing production capacity."

At the core of this approach lies interoperability. Defense today is defined by joint operations, and effectiveness depends on seamless integration across allies. That is why the Martlet has been conceived as a family of systems: scalable, modular, and fully aligned with NATO standards.

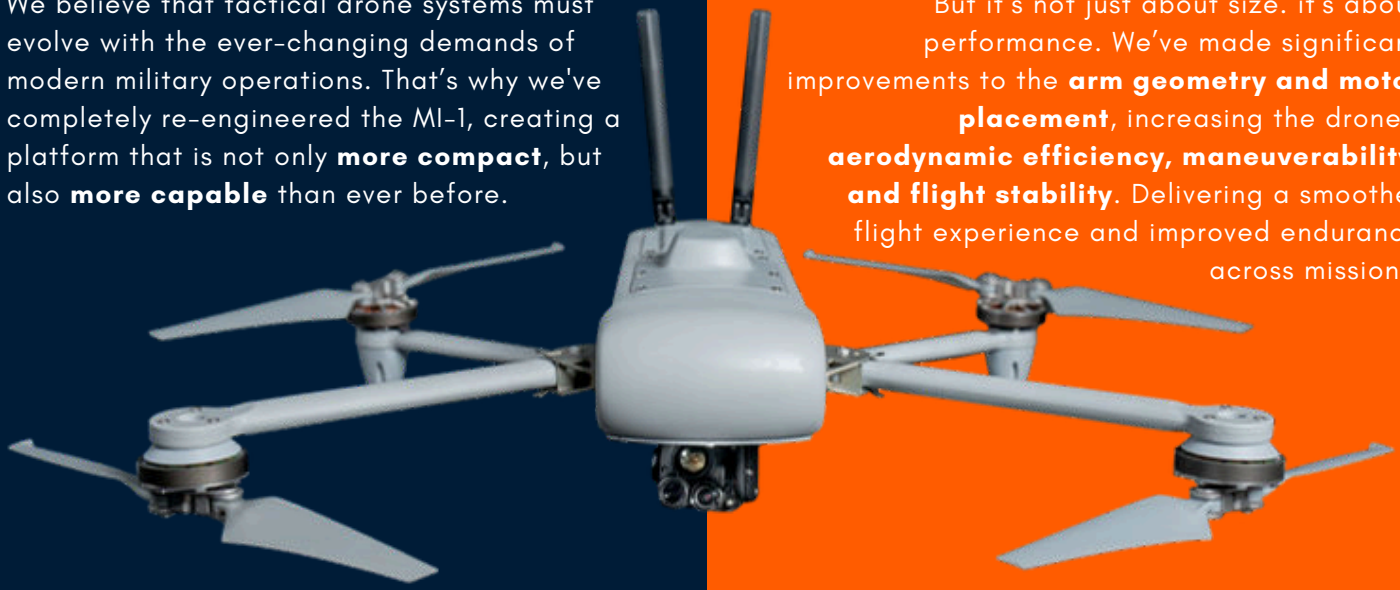
This ensures not only technical compatibility, but also operational flexibility—so that European and allied forces can act as one, across missions and domains.

Our drive is not simply to make drones. It's to be a trusted strategic partner for defense and security organizations throughout Europe. That means listening, co-developing, and growing alongside the people who use our systems in the field.

It also means investing in long-term capacity, not just for ourselves, but for our ecosystem. We work closely with Dutch high-tech companies, innovators, and government bodies to ensure that expertise remains in Europe and continues to grow stronger through collaboration.

IMPROVED DESIGN

We believe that tactical drone systems must evolve with the ever-changing demands of modern military operations. That's why we've completely re-engineered the MI-1, creating a platform that is not only **more compact**, but also **more capable** than ever before.



But it's not just about size. it's about performance. We've made significant improvements to the **arm geometry and motor placement**, increasing the drone's **aerodynamic efficiency, maneuverability, and flight stability**. Delivering a smoother flight experience and improved endurance across missions.

The updated MI-1 design features a reduced size when folded, making it easier to store, transport, and deploy in high-tempo environments. Its foldable architecture allows operators to pack the system with minimal space requirements - ideal for mobile missions, light infantry, or reconnaissance units.

All of these changes were made without compromising the ruggedness and reliability operators have come to expect from the MI-1. The result? A drone that is faster to deploy, and more precise in action.

MADE IN NETHERLANDS

Meeting their needs

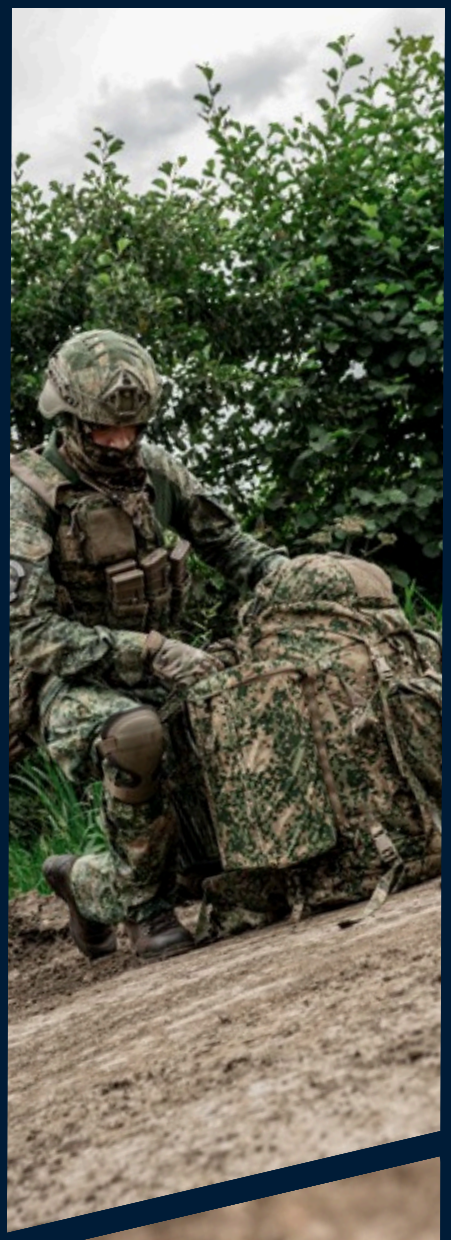
Designed with the Operator in mind

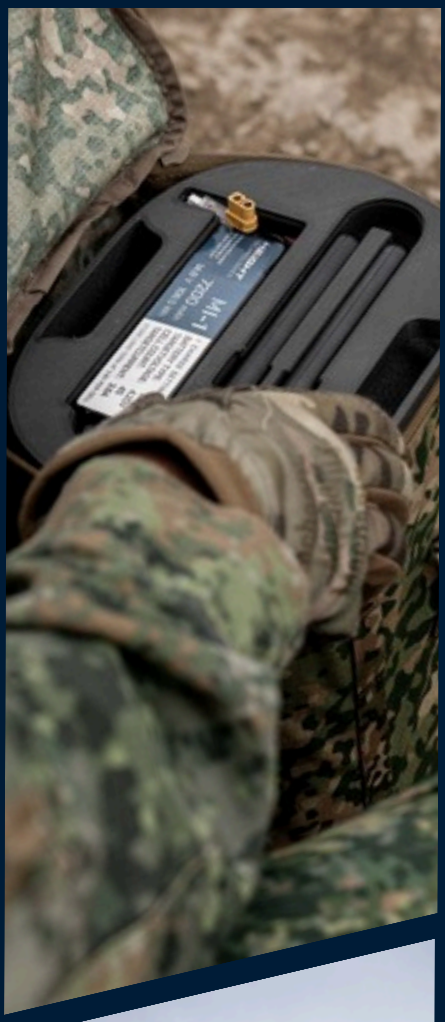
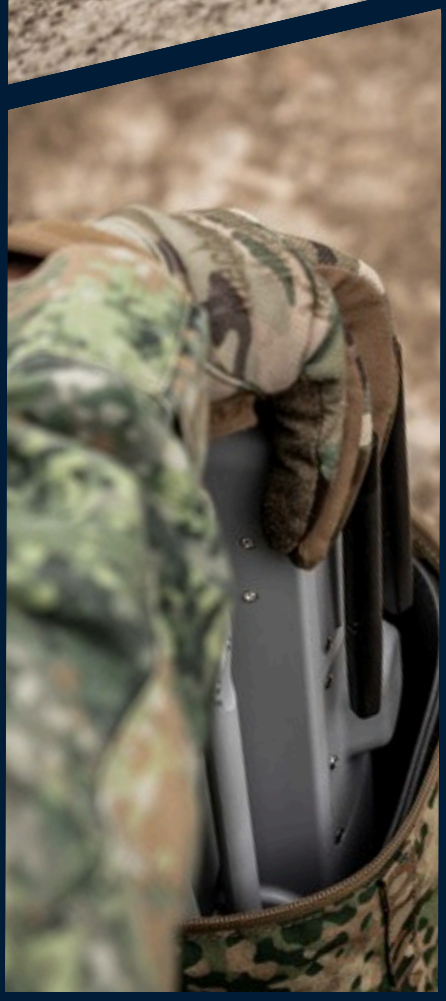
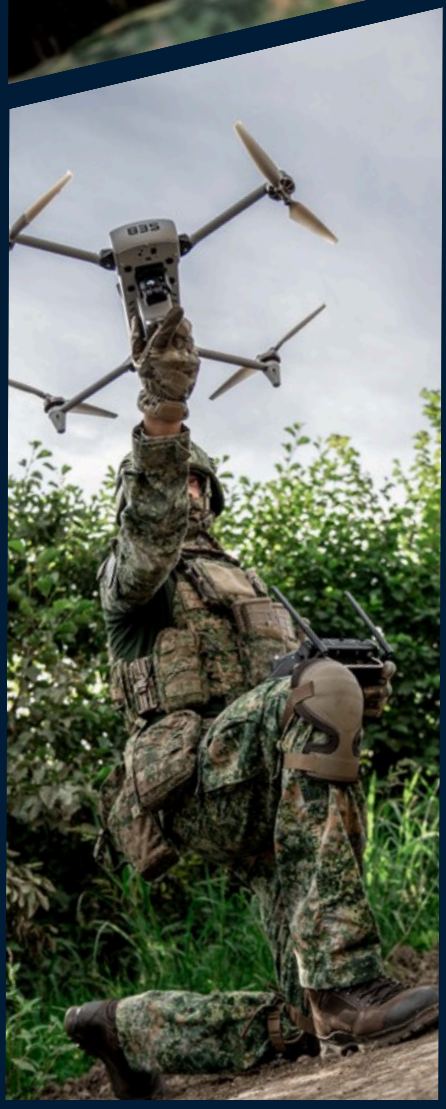
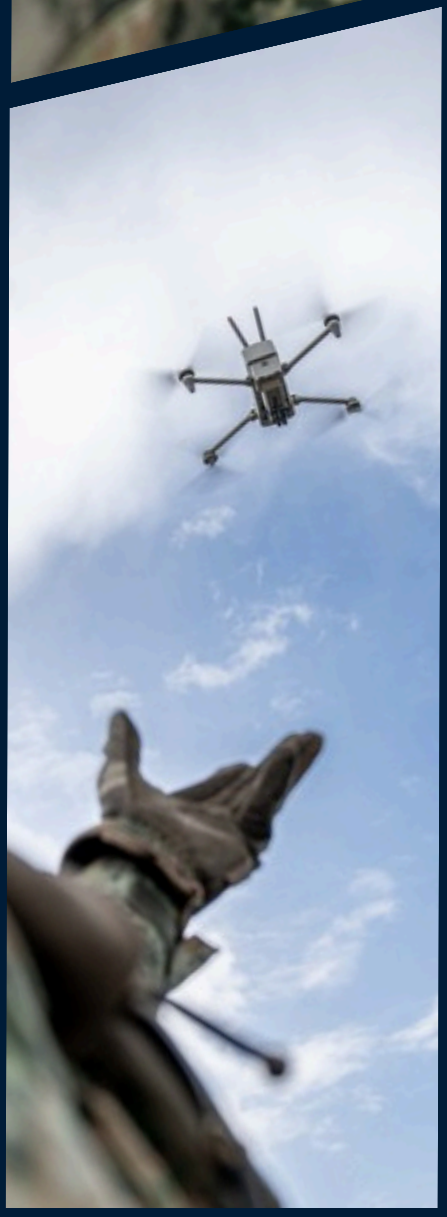
Our design team worked closely with the Dutch Ministry of Defence, translating valuable operator feedback directly into hardware improvements. One major outcome: a tailor-made deployment solution.

We developed a custom-fit hard-shell tube that perfectly houses the MI-1, its batteries, and spare parts - all fitting neatly into a 15-liter daypack. This compact module can be attached to the side of a standard backpack, allowing for seamless integration into the soldier's loadout.

"WE TRANSLATED DIRECT FEEDBACK FROM THE DUTCH MOD INTO A COMPACT, MISSION-READY DEPLOYMENT KIT. THE MI-1 NOW FITS SEAMLESSLY INTO THE SOLDIER'S GEAR, READY TO GO AT A MOMENT'S NOTICE. IT'S NOT JUST SMARTER—IT'S MADE TO SERVE THEIR WAY OF WORKING."

- HEIGHT TECHNOLOGIES DESIGN TEAM



NEW INTERCEPTOR MODULE

With the rapid adoption of drones in military operations, a new threat has emerged: UAVs designed specifically to intercept and neutralize other drones. This has created the need for countermeasure systems capable of detecting and identifying incoming interceptors before they can strike. In response, Height Technologies has developed an add-on module for its existing UAV platforms that leverages onboard computer vision algorithms combined with wide field-of-view cameras. Providing full 360-degree coverage, the system detects and classifies approaching drones in real time and alerts operators to their presence and direction, enabling timely evasive action. By eliminating blind spots and ensuring continuous situational awareness, it significantly increases mission survivability. In collaboration with end-users, real-world testing has validated its performance across diverse scenarios, demonstrating both the reliability of detection and the positive impact on operational safety.

TAK INTERGRATION

In modern military operations, real-time information sharing and situational awareness are no longer luxuries—they're mission-critical. That's why Height Technologies has fully integrated TAK (Tactical Assault Kit) capabilities, including ATAK, into our drone platforms and ground systems.

By embedding TAK compatibility directly into our architecture, we enable seamless data exchange across all TAK-enabled devices and networks, both nationally and within NATO coalitions. This ensures that operators, commanders, and joint partners have live access to drone feeds, telemetry, sensor data, and geolocation, all visualized within a shared operational picture.

For NATO users, this translates into a major tactical advantage:

- Interoperability between allied units
- Faster decision-making through real-time geospatial awareness
- Reduced cognitive load for the operator
- And most importantly: a common language of the battlefield

Whether it's feeding live imagery into a JTAC's ATAK tablet, or coordinating drone missions with allied forces in multinational exercises, our TAK integration ensures the Martlet systems are fully connected assets in the NATO network.

NEW MARTLET MI-4

THE MI-4 IS A MULTIMISSION HEXAVOPTER WITHIN THE MARTLET FAMILY OF SYSTEMS. IT IS DESIGNED TO CARRY AND/OR DROP LARGER PAYLOADS IN COMBINATION WITH CARRYING OUT ISR OR TARGET ACQUISITION OPERATIONS

Within the Martlet Family of Systems, the Mi-4 stands out as the powerhouse. Built for those missions where more is needed. As a multimission hexacopter, the Mi-4 combines tactical flexibility with raw lift capacity, enabling forces to do more than just observe.

Designed to carry and deploy larger payloads, the Mi-4 can deliver critical supplies, sensors, or equipment in the field with pinpoint accuracy.

Whether it's dropping payloads, providing live ISR, or supporting target acquisition in complex terrain, the Mi-4 adapts to the mission profile without compromise.

MI-4

Max takeoff weight
16kg

Max payload weight
5kg

Flight Time / With max payload
140min/70min

Max wind
25 knots

Acoustic covert distance
300m

Thanks to its robust hexarotor platform and modular design, the Mi-4 ensures stability in flight, even under heavy load or challenging weather conditions. It integrates seamlessly into existing tactical workflows and complements lighter platforms in the Martlet line by extending both range and capability.

The modern battlefield demands systems that are reliable, versatile, and easy to deploy. The Mi-4 delivers all three—backed by Height Technologies' commitment to building mission-driven systems that serve the needs of today's and tomorrow's operator.

BUILT TO LIFT MORE. READY TO DO IT ALL.

MODULAIR
GROUND CONTROL STATION

At Height Technologies, mission success begins long before takeoff. That's why we're proud to introduce our next generation ground control stations, developed by **UXV Technologies**, a market leader in military-grade GCS platforms.
These ruggedized ground stations are battle tested and designed for the realities of modern, high-pressure operations. Our systems now integrate seamlessly with UXV's advanced control interfaces combining high-end user experience with tactical level reliability.

Field-proven, operator-focused, and ready to support NATO and allied operations worldwide, these ground stations reflect our shared commitment to building the next level of tactical drone capability.
Reliable control. Modular by design. Ready for the fight.

MARTLET RADIO INTERGRATIONS

What makes these stations truly future-proof is their modular architecture. We've ensured compatibility with a wide range of tactical radio systems, **Including:**

HEIGHT TECHNOLOGIES DOODLE LABS
microhard SILVUS
PERSISTENT SYSTEMS

This flexibility gives operators the ability to tailor communications to mission requirements, environmental constraints, and partner interoperability, all from one unified GCS setup.
Whether it's long-range ISR missions, mesh networking in urban terrain, or encrypted short-range operations, the station adapts to the task.
Together with UXV, we're delivering not just a control system but a mission enabler.

SROC S23

SROC 7' ANDROID

FIELD-PROVEN, OPERATOR-FOCUSED, AND READY TO SUPPORT NATO AND ALLIED OPERATIONS WORLDWIDE, THESE GROUND STATIONS REFLECT OUR SHARED COMMITMENT TO BUILDING THE NEXT LEVEL OF TACTICAL DRONE CAPABILITY. RELIABLE CONTROL. MODULAR BY DESIGN. READY FOR THE FIGHT.

NEW PAYLOAD ‘CONDOR’

Meet the ‘Condor’ a lightweight, long-range dual-sensor imaging systems built for rapid deployment and tactical flexibility.

WITH LASER DESIGNATOR

Available on Mi-3/Mi-4

Contact us for more information.

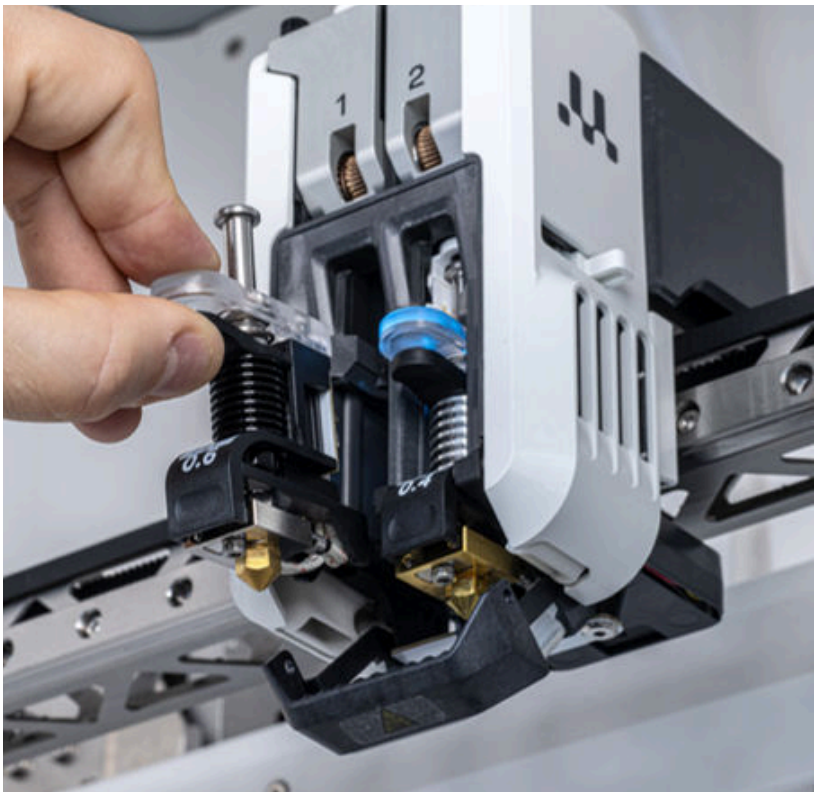
NEW PAYLOAD ‘RAVEN 2.5'

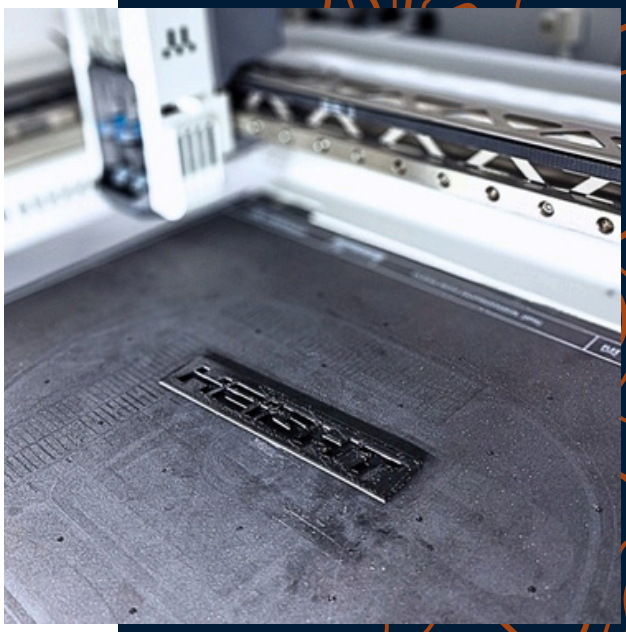
Setting a new standard for long-range, dual-sensor imaging systems, engineered for platforms where size, weight, and power are critical.

WITH RANGE FINDER AND ILLUMINATOR

Available on Mi-3/Mi-4

Contact us for more information.





UltiMaker x HEIGHT

At Height Technologies, innovation doesn't stop in the air—it starts on the ground. One of the key drivers behind the rapid development of our drone systems is the power of **3D printing**.
By integrating **additive manufacturing** directly into our R&D workflow, we can **design, test, and iterate at unprecedented speed**. Components that once took weeks to prototype can now be tested within days. This agility not only accelerates innovation, but allows us to respond quickly to feedback from users in the field, adjusting designs with unmatched flexibility.

Our collaboration with **Ultimaker**, a proud Dutch partner, plays a crucial role in this process. Thanks to their reliable and high-precision printing systems, we maintain **short communication lines**, quick support, and a strong sense of shared purpose. It's a great example of how Dutch technology works together—locally built, globally deployed.

Looking ahead, the possibilities of 3D printing are only growing. From advanced materials to multi-functional components, we see a future where entire drone parts are not just prototyped—but fully manufactured—through additive processes. This opens the door to **on-demand production, lighter airframes, modular upgrades, and even in-field part replacement** for deployed units.
3D printing empowers us to rethink how we build, how fast we adapt, and how far we can go.
We're printing the future.

''WITH 3D PRINTING, WE CAN GO FROM CONCEPT TO FUNCTIONAL PROTOTYPE IN A SINGLE DAY. IT ALLOWS US TO TEST, TWEAK, AND OPTIMIZE DESIGNS FASTER THAN EVER BEFORE."

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MADE IN NETHERLANDS