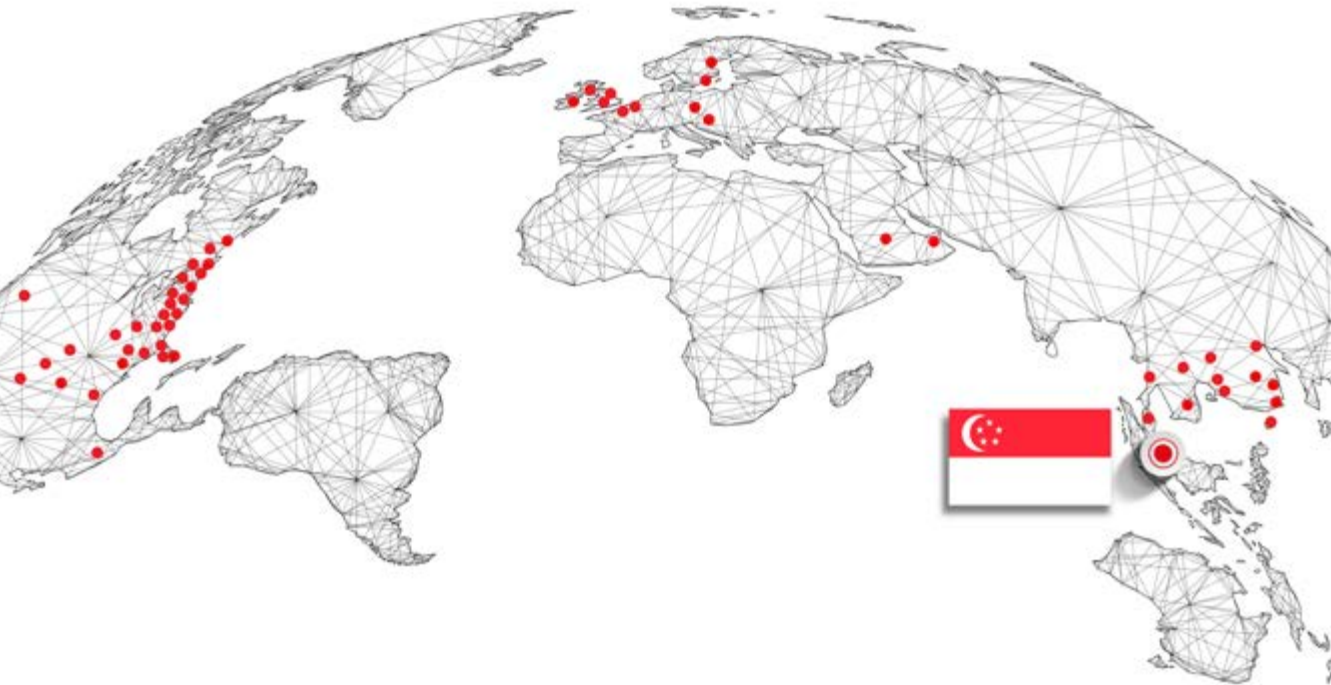


DEFENCE

CATALOGUE



ABOUT ST ENGINEERING

50 +

Years of
Experience

100 +

Countries

27,000 +

Employees

At ST Engineering, we apply our technology and innovation to solve real-world problems and improve lives. Our dedication to excellence and our strong track record have earned us a distinctive reputation for quality and trust as a global technology, defence and engineering group.

Our diverse portfolio of businesses spans the aerospace, smart city, digital solutions, defence and public security segments, and our global network of subsidiaries and associated companies spans Asia, Europe, the Middle East and the U.S.

We succeed because of our ability to deliver what our partners and customers need. Across the Group, we have more than 27,000 employees with diverse backgrounds and skills, with engineering and technical talents making up more than two-thirds of our workforce - all dedicated to solving real-world problems for our customers.

We meet every challenge with an effective and competitive response so that our customers in more than 100 countries are better prepared, better protected, and better connected for a more sustainable future.



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AIR CAPABILITY

Defence Aerospace

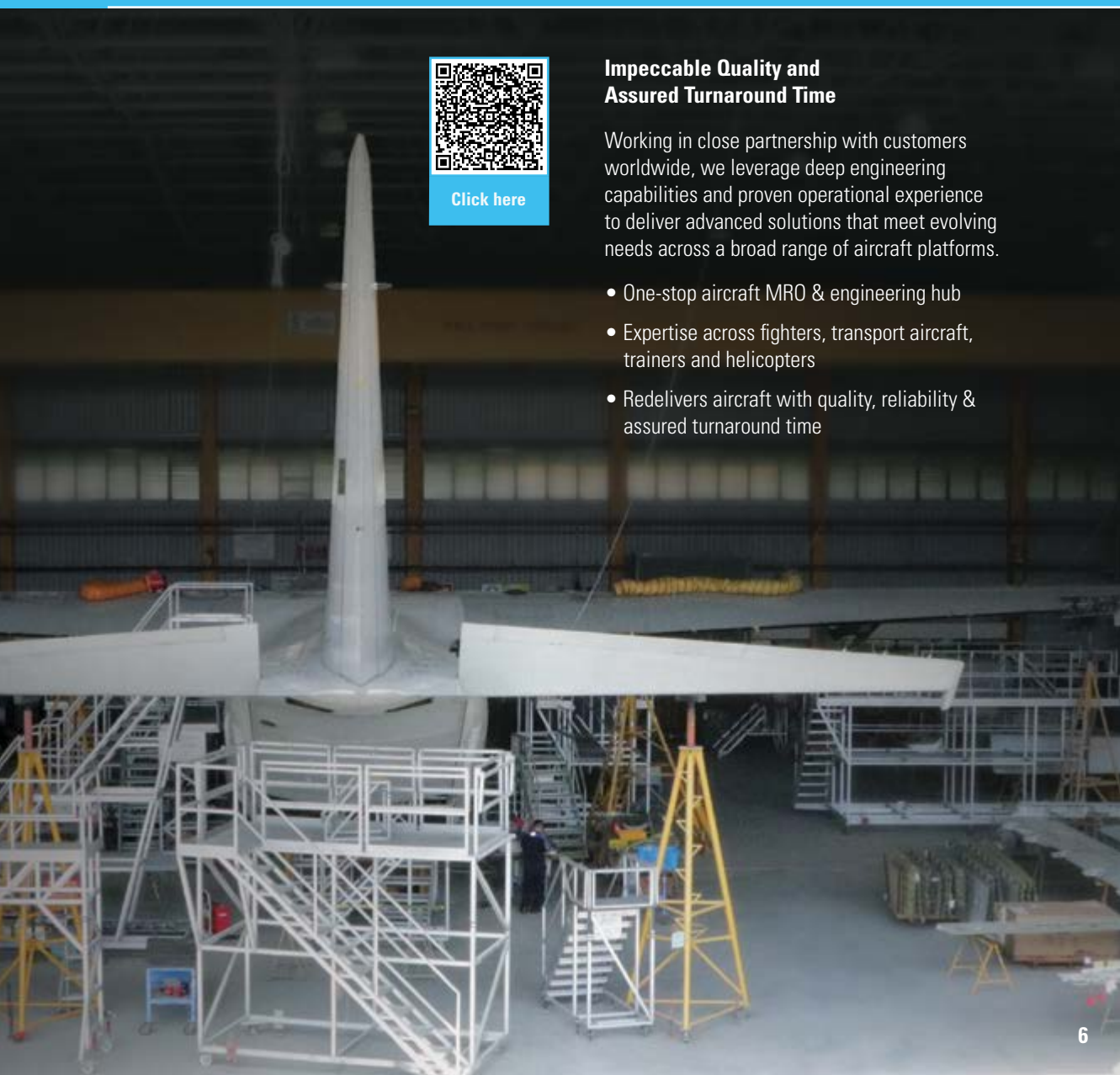


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Impeccable Quality and Assured Turnaround Time

Working in close partnership with customers worldwide, we leverage deep engineering capabilities and proven operational experience to deliver advanced solutions that meet evolving needs across a broad range of aircraft platforms.

- One-stop aircraft MRO & engineering hub
- Expertise across fighters, transport aircraft, trainers and helicopters
- Redelivers aircraft with quality, reliability & assured turnaround time





Maintenance

- Airframe heavy maintenance, structural repair / replacement, life extension
 - Centre wing box replacement
- Component repair & overhaul
- Engine repair & overhaul
- Total logistics support
 - Receive & launch, refuel, reconfigure & rectify

Modernisation

- Avionics modernisation & aircraft system upgrades
 - Meet civil aviation mandates
 - Glass cockpit, environment control system, auxiliary power
- Mid-life upgrade for fighter, helicopter, and transport aircraft

Missionisation

- Role change (to cargo, medevac, fire fighting)
- Mission systems & operational capability upgrades
 - Self-protection suite
 - Night vision capability
 - Sensor integration
 - Tactical datalink



[Click here](#)

GEMINI-X Next-Generation Tactical Datalink System

GEMINI-X is a tactical datalink system that unifies air and ground assets into a network, enabling communications with minimal aircraft modifications and enhancing coordination and real-time situational awareness across fighters, transports, helicopters, and ground forces.

- Secure, encrypted communication
- Modular architecture and standalone solution
- Real-time tactical information sharing
- Supports multi-domain operations



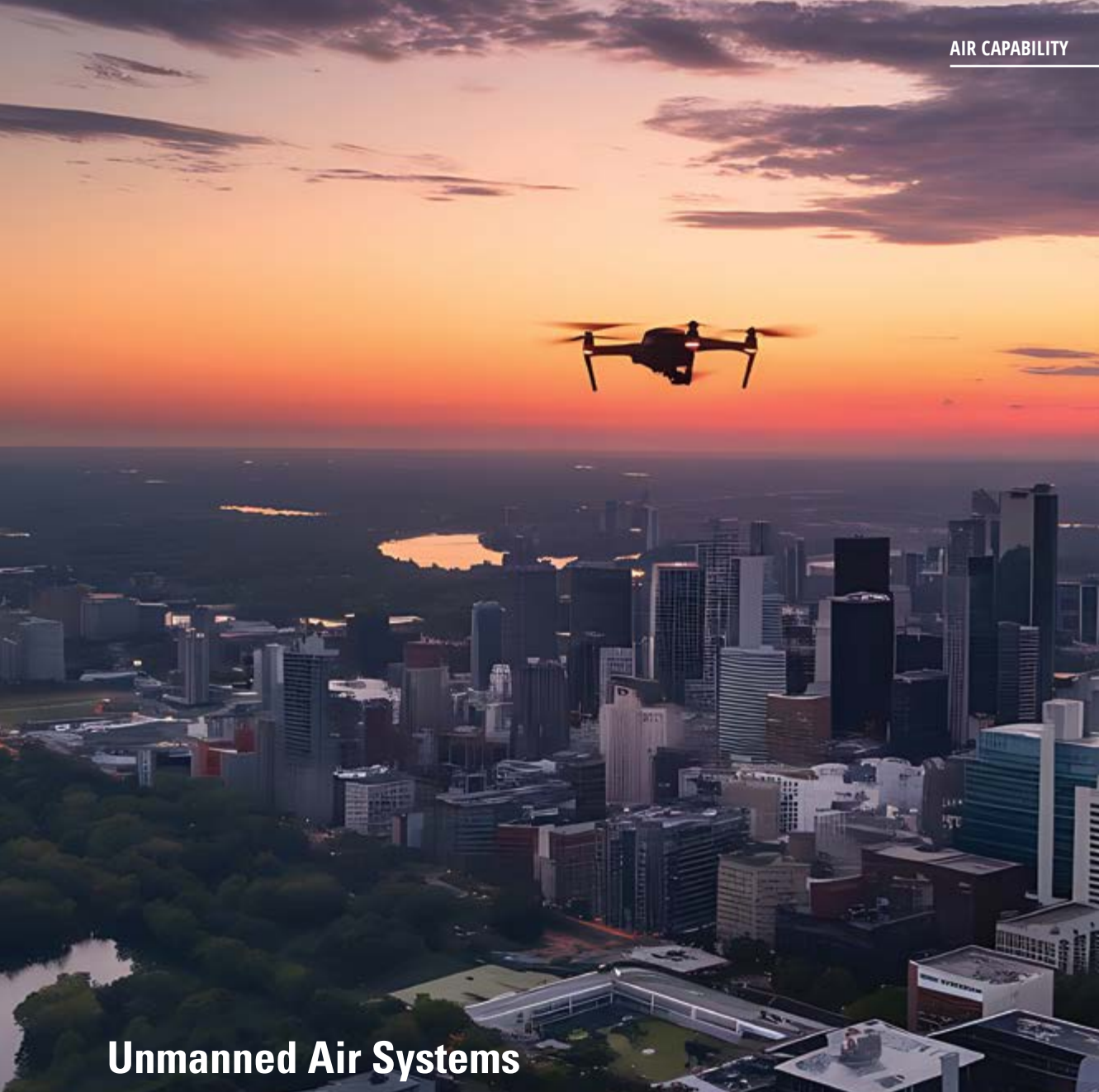
C-130 Centre of Excellence

Delivering Trusted Service for Operational Fleets

ST Engineering's C-130 Centre of Excellence (COE) is a Lockheed Martin-approved Hercules Service Centre and we are a premier C-130 one-stop MRO and engineering provider. Bringing airframe, engines, components and logistics support under one roof, the COE delivers assured turnaround time, quality and reliability to sustain mission-critical fleets.



[Click here](#)



Unmanned Air Systems

Next-Gen Unmanned Systems for Tactical Superiority

We deliver versatile Unmanned Air Systems supporting surveillance, reconnaissance, target acquisition, and force protection through reliable, modular architecture across environments.

Veloce 15 VTOL UAS

Veloce 15 is a compact UAS enabling mobility and rapid deployment for tactical operations, delivering persistent situational awareness via real-time video, secure datalink communications, and modular payload integration.

- Vertical Take Off and Landing (VTOL) Flexibility – no runway, launcher, or recovery system needed. Enables rapid tactical deployment in dense urban terrain or remote locations
- Lightweight, man-portable design allows a two-person team to assemble, launch, and recover the system in under 10 minutes
- Real-time Tactical ISR - More than 2.5 hours of endurance, a 15 km datalink, and a stabilised EO/IR payload for live, high-resolution imagery day or night



[Click here](#)

Veloce 60 VTOL UAS

Veloce 60 supports long-range ISR missions with land-based and maritime-based variants, delivering real-time ISR and last-mile targeting from land or moving vessels through an airframe and flight control architecture.

- VTOL Flexibility – no runway, launcher, or recovery system needed
- The MMI is designed for easy operation, short training, and quick induction into military and homeland security operations
- System logic enables mission execution and require minimal pilot inputs
- With 12–14 hours of flight time and up to 100 km of secure datalink range, providing continuous surveillance for maritime and littoral zones
- Engineered for shipboard use, the Veloce 60 takes off and lands on vessels in Sea State 5, offering seamless integration with Naval Ops
- The ground control station and communication suite integrates with existing naval combat management systems, enabling live video and telemetry sharing across the fleet in real-time



ARTOS



ARTOS is a high-performance, low SWaP, cost-competitive multi-mission micro-UAV designed for tactical echelon operations. It offers versatile semi-autonomous capabilities and real-time intelligence, its customised payload system delivers a suite of mission-ready solutions to meet evolving operational demands, while enhanced safety features provide unprecedented operator protection in the event of unintended operation.

- Flexible payload
- Open architecture for ease of integration
- Competitive cost

ARTEX



ARTEX is a compact, high-performance micro-UAV designed for ISR missions, providing close-range overwatch and precise situational awareness, using autonomous navigation to deliver real-time, actionable intelligence for enhanced mission effectiveness.

- High-performance sensors for GPS-denied operations
- Configurable for digital VTX or secure encrypted channels
- Customisable camera systems for optimal ISR coverage

AXIOS



Aerial eXploration & Intelligent Ordnance System, is an aerial weapon system designed agnostically to integrate with VTOL drone platforms and enables a diverse spectrum of aerial operations such as vertically deploying payloads, last-mile surveillance, crowd monitoring and management, targeting and battle damage assessment; all from a vantage position.

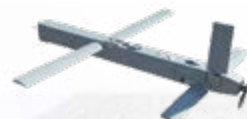
ARES



ARES is a micro-UAV that enhances situational awareness with real-time intelligence. Enhanced agility built for complex enclosed environment operations, providing rapid insights for improved decision making in dynamic environments.

- Intuitive control, rapid deployment
- Compact - Functional in hard-to-reach areas
- Low light visibility

EAGLESTRIKE - Advanced Loitering Munition



EagleStrike is designed for precision missions beyond line of sight, delivering superior standoff flexibility with advanced targeting. Rapidly deployment from wheeled or tracked platforms, it enhances mobility and operational adaptability. With a dual-mode payload for multi-effect engagement, it enables coordinated precision strikes, making it a reliable, versatile asset for missioned environments.

- Autonomous precision strike
- Networked command and control
- Versatile deployment

- Drone agnostic
- Configurable mission-ready platform, with quick-change trays
- Safe arming and firing of its payload



LAND CAPABILITY



Land Defence Systems

Proven Capabilities for Modern Militaries

With decades of expertise in military technology and engineering, our vehicles deliver proven battlefield mobility, survivability, and firepower, including the battle-proven BRONCO All-Terrain Tracked Carriers (ATTC), TERREX Infantry Fighting Vehicles (IFV), and the fully digitalised Next Generation Armoured Fighting Vehicles (NGAFV).

Next Generation Armoured Fighting Vehicle (NGAFV)



[Click here](#)

The NGAFV delivers superior firepower, survivability and mobility, featuring an Integrated Combat Cockpit and Integrated Battlefield Management System (iBMS) as the first fully digitalised platform in its class.

- Crew survivability and awareness through hull-mounted vision and independent commander's sight, supporting closed hatch operations
- Open architecture for easy insertion of next-gen vetronics, weapons and systems technologies and upgrades
- Increased driving precision for obstacle avoidance through smart vehicle management with Health and Utilisation Monitoring System (HUMS)



TERREX Infantry Fighting Vehicle

The 8x8 military vehicle, TERREX s5, focuses on Smartness, Superiority, Sustainability, Survivability, and Serviceability. The TERREX features secured digitalised vehicle architecture and high-power density powertrain, available in Conventional and Hybrid Electric Drive (HED), delivering payload capabilities to meet future demands.



[Click here](#)

The HED architecture delivers multiple operational advantages such as reduced fuel consumption, silent operations, and ability to export power to address the increased power requirement of modern weapon systems.

- High payload with configurable protection
- Hybrid electric drive-ready
- New generation power processor with smart capabilities



BRONCO All-Terrain Tracked Carrier for Battlefield Missions

The battle-proven BRONCO delivers survivability, high payload capacity, and manoeuvrability, combining fully amphibious, combat-proven performance with robust protection and modular rear cabin flexibility for diverse operational needs.

- All terrain, amphibious, articulated armoured vehicle
- Customised for the British Army as the Warthog, deployed in Afghanistan clocking 480,000km, surviving 30 improvised explosive device attacks with zero fatalities
- Versatile prime mover with plug-and-play rear mission module



[Click here](#)



EXTREMV All-Terrain Tracked Carrier for HADR Missions

EXTREMV, from the BRONCO lineage, is a versatile, reliable multitasker supporting high rear payloads for personnel, logistics, and specialty roles in extreme environments, disaster relief, rescue, and firefighting operations.

- Amphibious All-Terrain Tracked Carrier for harsh weather
- Versatile modular mission module
- Modern, digitised and intuitively designed interior ergonomics



Click here



RHINO Next Generation Protected Vehicle

The RHINO supports missions from law enforcement to armed conflict, featuring fully digitised architecture and high-power density powertrain in Conventional and Hybrid Electric Drive, delivering payload capability and export power for sustained modern warfare.

- World's first hybrid electric 20T protected vehicle
- Fully digitised platform
- Supports wide range of missions



[Click here](#)

TAURUS Unmanned Ground Vehicle (UGV)

More than a vehicle, TAURUS, the Multi-Role UGV is a game-changing asset for public security and commercial use. Its modular, open architecture supports logistics, surveillance, hazard response, medical and rescue missions, powered by a fully electric, regeneratively charged platform with AI-enabled, mission-ready capability.

- Regenerative on-the-move power hub
- Fully electric independent drive units capable of export power
- Digitalised architecture for easy insertion of autonomy or other AI modules



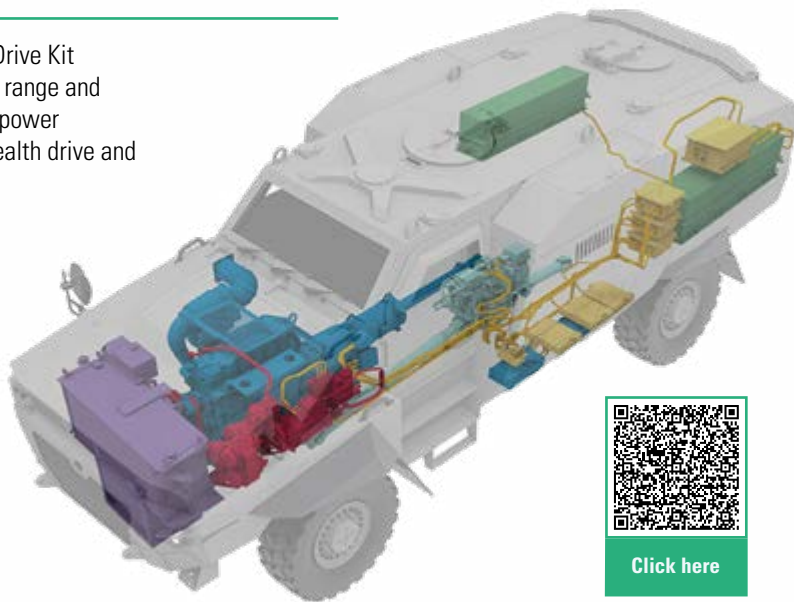
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Hybrid Electric Drive Kit

The Central Drive Hybrid Electric Drive Kit electrifies 4x4 vehicles, extending range and enabling power export, with high-power capability supporting extended stealth drive and silent watch operations.

- Increased export power for high energy demand payloads
- Enhanced stealth for better evasion with silent drive
- Extend range with up to 30% fuel savings



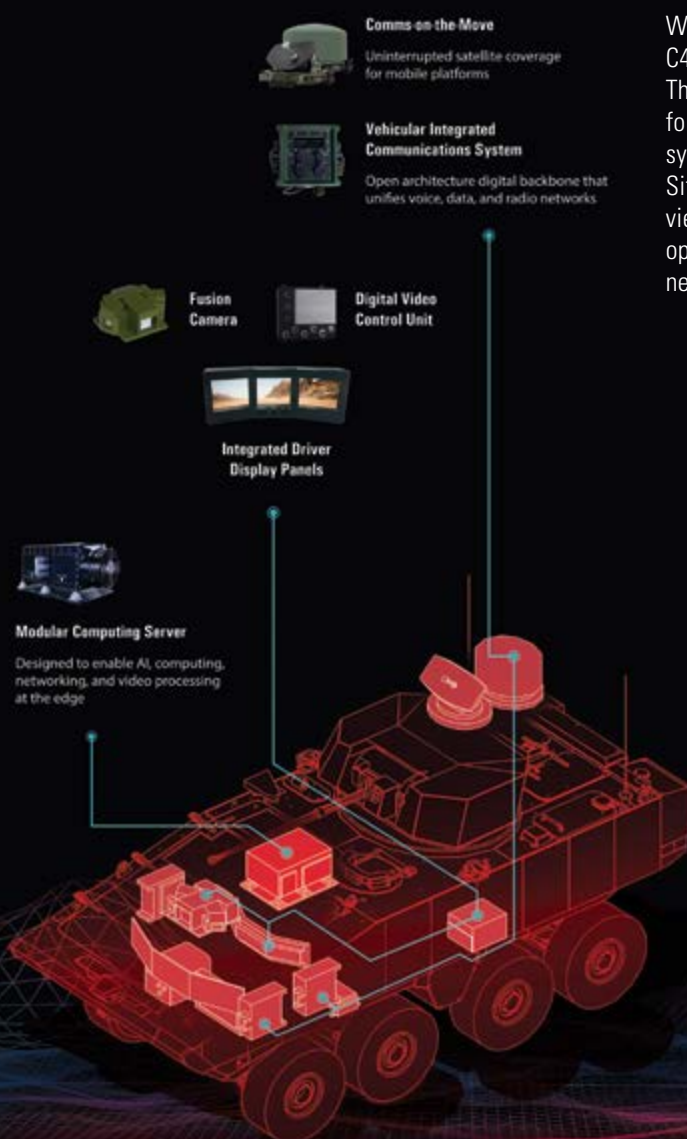
XPYDER Hull Climbing Robot

XPYDER is a wireless, highly manoeuvrable magnetic crawler capable of scaling on ferritic mega structures, with modular design, onboard sensors, and real-time surveillance capabilities improving operator safety and operational efficiency.

- Versatile for any mission profile with its modular design
- Highly manoeuvrable with magnetic tracks & tetherless deployment
- Watertight design with IPX8 ingress protection



Defence Platform Electronics



We seamlessly integrate advanced C4ISR with cybersecurity systems. This equips friendly manoeuvre force with 'see-through' vision system for 360-degree Enhanced Situation Awareness (ESA) views to enable fighting units to operate as a single collaborative networked force.

Embedded Trainer

The Embedded Trainer is a ruggedised onboard simulation system that integrates virtual environments into vehicle systems for driving, gunnery, and crew mission training. Using actual onboard controls, crews can conduct individual, crew, and mission rehearsal training. Multiple Embedded Trainers can be networked to support team, platoon, and force-on-force training.



[Click here](#)

Vehicular Integrated Communication Systems

Vehicular Integrated Communication Systems (VICS) is a rugged, versatile communications and networking solution for military and paramilitary use in harsh mobile environments. Deployable on wheeled, tracked, and maritime platforms, it is a full IP system enabling converged voice and data, high-speed tactical networking, cooperative engagement, and seamless integration through open vehicle architecture.

- Tactical network for digital transformation
- High-speed tactical network for mission-critical communications
- Open vehicle architecture for easy integration

MIL-SPEC Vehicular Computers and Displays

This range of rugged, vehicle mountable computers and displays supports demanding Command, Control, Communications, and Computer (C4) applications. Featuring the latest processors, customisable interfaces, comprehensive connectivity, and advanced power management, they deliver high performance in limited space and meet MIL STD 810 and MIL STD 461 standards for tracked and wheeled vehicles.

- Developed for demanding C4 applications
- Ideal for use in tracked and wheeled vehicles
- Operates on low power consumption and can be mounted on vehicles for space optimisation



[Click here](#)

SATCOM Integrated Module



[Click here](#)



The SATCOM Integrated Module (SIM) provides a comprehensive baseband solution compatible with any Very Small Aperture Terminal (VSAT), integrating iDirect modem, RF modules, and Network Switches in a ruggedised compact enclosure for harsh environments.

- Rapid on-demand deployment
- One-stop integrated baseband solution
- Can operate under harsh environment

Communications-on-the-move

The Communications on the move (COTM) terminal provides compact, low profile satellite communications with automated tracking, enabling Beyond Line of sight (BLOS) seamless real time broadband communications via GEOstationary satellites for on the move applications.



[Click here](#)

- Immediate, effective & efficient satellite communications
- Fully automated tracking capability
- Seamless real-time broadband communications



360 Situational Awareness System (360SA)

360 Situational Awareness System (360SA) is an integrated vision system for paramilitary and combat vehicles, delivering all round surveillance for enhanced threat assessment and driving under hatch. Featuring Fusion Cameras, Digital Video Control Unit, Integrated Driver Display Panels, open system architecture, and at the edge processing, it enables real time operations and seamless C5ISR integration.

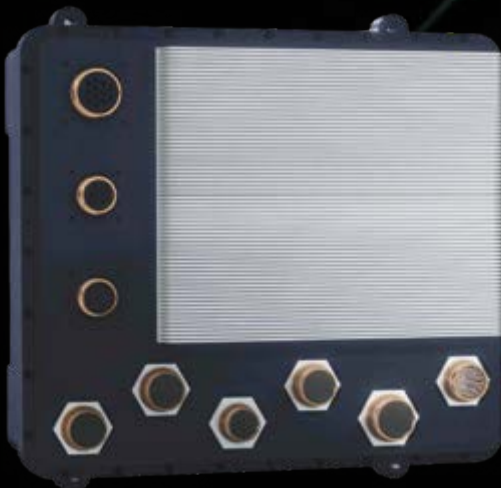
- Suitable for real-time closed-hatch operations
- Highly-scalable for all vehicle classes
- Enhanced visibility



[Click here](#)



[Click here](#)



Digital Video Control Unit

The Digital Video Control Unit (DVCU) is a video processing system designed to provide views of real-time video images from cameras to the display monitor with minimal video latency. It distributes various camera input videos to be viewed on multiple displays, including the C2 Panel Computers. The ruggedised enclosure unit has multi-channel video (CVBS / SDI) receivers with multiple video outputs. Each display video is selectable using control interfaces like RS422, GigE Vision Control and Discrete I/O.



Integrated Driver Display Panel

The Integrated Driver Display Panel (IDDP) improves driver vision and enables safe manoeuvring of the vehicle. Vehicle dashboard symbols displayed on the screen provide driver with vehicle status information while keeping their eyes on the road. Markers on the screen allow drivers to navigate safely around obstacles near the vehicle. Cameras mounted on various positions reduce vehicle blind spots. Views on the screen can be easily selected based on the vehicle's (forward or reverse) gear shift or changed manually.

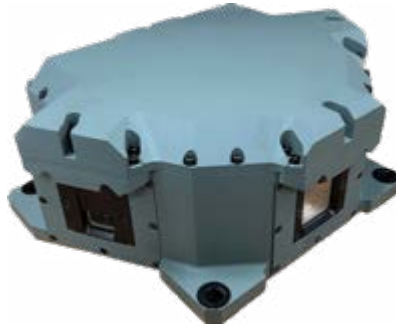


[Click here](#)

Fusion Cameras

Fusion Driver Sight

The Fusion Driver Sight is a suite of ruggedised MIL-SPEC cameras designed to operate in the harshest conditions for tracked or wheeled armoured vehicles. It boosts survivability by improving visibility in sandy, smoky or foggy conditions. The Fusion camera houses an uncooled VOx Microbolometer thermal sensor that is fused with a day-camera based on state-of-the-art optics design to provide real-time fusion. The 3-in-1 Fusion camera provides a seamlessly stitched wide-angle view in a compact form-factor that reduces blind spots with increased field-of-view.



[Click here](#)



[Click here](#)

iBMS

Integrated Battlefield Management System (iBMS)

A tactical system that connects the entire battalion, linking platforms to individual soldiers for shared situational awareness and collaborative engagements, creating a force multiplier effect to achieve a networked force for a common and relevant operating picture.

- Allows the vehicle commander and the gunner to operate the vehicle using a common set of controls
- Allows the crew to operate with a modernised soldier-centric combat user interface (UI) design for improved operational effectiveness
- Provides collaboration tools that allow commanders to participate in mission planning, fast collaborative targeting, and engagement capabilities

Smart Vehicle Solutions

Smart Vehicle Solutions provide the platform's "Brain" and "Eyes," rejuvenating vehicles with innovative products that transform operational workflows, enhance driving experience, and significantly reduce crew cognitive loading.

Smart Vision Suite

The Smart Vision Suite integrates onto platforms, using AI and Machine Learning to deliver high-clarity images in extreme low-light conditions with low latency and real-time analytics from custom datasets.

Smart Digitalisation Suite

The Smart Digitisation Suite rapidly modernises platforms by consolidating digital data into a customised Graphical User Interface (GUI), delivering a digital vehicle dashboard, MOSFET solid-state power controller, and scalable deployment for urgent operational upgrades.



Weapons & Munitions

Total Solution for Multiple Scenarios

Our weapons systems deliver technological excellence, reliability, and adaptability, supporting armed forces and security agencies while driving innovation and performance to address evolving defence and modern warfare challenges.

Assault Rifles

AME-A514

The AME-A514 assault rifle integrates state-of-the-art technologies, making it the weapon of choice for soldiers and law enforcement officers requiring rapid target engagement and neutralisation in combat or threatening situations.

- See-through magazine for easy round awareness
- 2-stage trigger for enhanced control
- 6 position adjustable buttstock



[Click here](#)



[Click here](#)

AME-B514

The AME-B514 offers the advantages of a bull-pup rifle, while retaining its compactness and size for manoeuvrability, as well as a closer centre of gravity for superior control.

- Modular ergonomics
- Option for swappable ejection
- Adjustable buttstock

SAR21

Based on the proven SAR21 rifle, the SAR21 Modular Mounting System (MMS) provides flexible accessory mounting in a light, compact design, offering outstanding manoeuvrability in tight spaces, better stability and control, simplified maintenance, low recoil, and improved stability and control in a small and reliable package.

Variants include:

SAR21 Modular Mounting System (MMS), SAR21 Light Weight Carbine (LWC), SAR21 with Under Barrel 40mm Grenade Launcher.



[Click here](#)

Machine Guns

ULTIMAX 100 MK8

One of the world's lightest machine guns that can be fired from a drum and reloaded on the move, the ULTIMAX 100 Mk8 features a constant recoil system, enabling high accuracy and controllability, featuring open-bolt safety, an adjustable buttstock, and compatibility with multiple magazine types such as the M16-type and SAR21-type box magazines, 100 rounds C-MAG and ULTIMAX 100 drum magazine.



[Click here](#)



GENERAL PURPOSE MACHINE GUN (GPMG)

The 7.62mm GPMG is a fully automatic, air-cooled, belt-fed, gas-operated weapon with a simple modular construction and disassembly procedure, making it the weapon of choice for military and paramilitary forces.



[Click here](#)



50MG

The 50MG features a quick-change barrel with fixed headspace, tool-less one-action replacement, left/right hand feed, open-bolt mechanism, semi and automatic firing modes, and mounting options including M3 tripod, Pedestal Mount, 40/50 Cupola Weapon Station, Remote Weapon Station, and Ring Mount.



[Click here](#)



Grenade Launchers

40MM AUTOMATIC GRENADE LAUNCHER (40AGL) MK2

Designed to fire 40mm high velocity ammunition, 40AGL Mk2 features Charging safety and Bolt Lock safety, modular assembly for easy maintenance, and supports Reflex Sight, Lock and Fire Mount, and Soft Mount for varied tactical applications.



[Click here](#)



40MM GRENADE LAUNCHER (40GL) MK1

Designed to fire 40mm low velocity and low velocity extended range grenades, 40GL Mk1 features a patented drop-down, side opening barrel, double-action trigger, lightweight configuration, and tool-less under-barrel or standalone setup with Fire Control System compatibility.



[Click here](#)



120MM SUPER RAPID ADVANCED MORTAR SYSTEM MK2 (SRAMS)

The 120mm SRAMS Mk2 is an advanced mortar system delivering low recoil force, 10km range, improved traversing, vehicle integration, digitalised Multiple Round Simultaneous Impact (MRSI) capability, and iBMS integration for situational awareness and fire mission execution.

- Patented blast diffuser
- Full electric system for ease of integration
- Platform agnostic



[Click here](#)

GROUND DEPLOYED ADVANCED MORTAR SYSTEM (GDAMS)

The GDAMS is a lightweight mortar system for commercial and military vehicles, integrated with Fire Control System (FCS) and iBMS, delivering cost-effective mobile indirect fire using 120mm rounds, with rapid deployment, enhanced crew safety, and 81mm mortar systems compatibility.

- Ease of integration on light wheeled platforms
- Quick deployment within 15 seconds
- Equipped with in-house fire control system for seamless digitised mission execution



[Click here](#)

ADDER REMOTE WEAPON STATIONS

The ADDER family of high-performance Remote Weapon Stations (RWS) offers versatile configurations of weapon systems, featuring a unified C4I architecture for platform-agnostic integration on manned and unmanned land vehicles and sea vessels.

- Platform-agnostic, highly adaptable for all platforms
- Modular and scalable for firepower against ground and drone threats
- Auto detection and smart target tracking
- Easily configurable to any consoles or handheld operator control unit with adaptable controls



[Click here](#)



Comprehensive Ammunition Solutions

Our portfolio covers small, medium, and large calibre ammunition, pyrotechnics, and explosive equipment. ST Engineering's ammunition solutions are recognised for precision engineering, rigorous quality control, compliance with international standards, and innovation, all of which support armed forces and security agencies worldwide.

Small Calibre Ammunition

We offer a comprehensive range of small calibre ammunition engineered for precision and reliability, delivering consistent performance and accuracy while meeting stringent military and law enforcement standards through innovation and quality.

We offer a range of small-calibre ammunition, engineered for precision and reliability across various firearms. Crafted for consistent performance, our rounds ensure accuracy and effectiveness in the field, meeting the highest standards, trusted by military and law enforcement agencies.



[Click here](#)

- 5.56mm
- 7.62mm
- 0.5 inch



Medium Calibre Ammunition

We provide medium calibre ammunition engineered for advanced combat systems and platforms, delivering superior ballistics, penetration, lethality, accuracy, reliability, and wide weapon system compatibility to meet modern warfare requirements.

- 40mm Low Velocity
- 40mm Low Velocity Extended Range
- 40mm High Velocity



[Click here](#)



Large Calibre Ammunition

Our large calibre ammunition is designed for heavy artillery, tank guns, and other high calibre weapon systems, delivering maximum impact and destructive power, with precision engineering and rigorous quality control to meet the highest performance and safety standards.

- 60mm
- 81mm
- 120mm
- 155mm



[Click here](#)



Pyrotechnics & Explosives

We offer a comprehensive range of pyrotechnics and explosives for military applications, including signaling devices, smoke grenades, and demolitions, delivering safe, reliable solutions for tactical signaling, training, and special operations.

- Smoke - Signalling
- Smoke - Screening
- Fragmentation
- Training & Simulation
- Signal, Flare & Illumination



Less-Than-Lethal

- 40mm Less-Than-Lethal
- 40 x 46mm Air-Bursting Multi Pellet LV
- Smoke - CS Tear Gas
- White, CS Tear Gas Flameless
- CS Tear Gas Multi-pellet, Bursting
- CS Tear Gas



[Click here](#)

Integrated Soldier Systems



For the Future Battlefield

As the battlefield grows more complex, continuous modernisation and innovation in combat technologies will enhance warfighter effectiveness, delivering scalable, modular solutions that integrate seamlessly with existing personnel and weapons to achieve force multiplier effects.

Our innovative Integrated Soldier Systems (ISS) are designed for world-class warfighters of tomorrow, enhancing their capabilities for:

- Cognitive superiority
- Manned-Unmanned Teaming (MUM-T)
- Enhanced survivability
- Smart lethality



[Click here](#)

EasyEXO

EasyExo provides essential support and protection during demanding physical activities, featuring flexible straps and durable materials to ensure a secure, comfortable fit under rigorous operational conditions.

- Provides musculoskeletal support during lifting or bending to maintain correct posture and reduce back strain
- Lightweight and durable
- Comfortable fit



[Click here](#)

ARIELE Protection Systems

Add-on Armour

Engineered for maximum survivability, the modular protection solution supports standalone or add-on deployment, enabling rapid upgrades with flexible protection levels while minimising downtime and avoiding costly deployments.

- Multi-hit performance
- Modularity
- Lifecycle Efficiency



Protective Vest

Built for agility, ARIELE Protective Vests deliver scalable protection for law enforcement and operational units, with a load-bearing system incorporating integrated belly band and yoke to optimise weight distribution.

CleArmour

CleArmour's lightweight design using transparent ceramics effectively protects against armour piercing and multi-hit threats. It is scratch-resistant and prevents delamination for lasting clarity and visibility.



Head Borne System

Designed for extended use, the ARIELE Head Borne System uses lightweight advanced materials, ergonomic foam padding, and a 4-point adjustable retention system to minimise fatigue while ensuring secure, comfortable protection during extended missions.

Body Armour Suite

ARIELE Body Armour Suite provides versatile high-impact and stab resistant protection, combining soft and hard armour, adaptable to varying threat levels and operational needs.



Maintenance, Repair & Overhaul (MRO) & Services



[Click here](#)

As an integrated MRO service provider, we deliver asset lifecycle support to enhance availability and operational readiness. Our services span from field service support to service life extension programmes, enabled by digitalisation, advanced analytics, and artificial intelligence to provide enhanced asset visibility, control, and performance.



Platform MRO

We provide comprehensive services for over 100 types of tracked, wheeled, and armament platforms, delivering preventive maintenance, overhaul, spares supply and preservation through Smart MRO technologies to ensure optimised performance and availability.

Component MRO

We specialise in maintaining a wide range of mechanical, hydraulic, and electronic systems, ensuring the reliability of over 1,800 components. Our expertise includes engine remanufacturing, re-engineering, and customised tester development, which addresses obsolescence, extends asset life, and enhances supply chain resilience.

Workshop & Asset Digitalisation

We enhance operational efficiency through workflow digitalisation and automation, enabling proactive maintenance by integrating IoT-enabled health monitoring and fleet management systems.

AI-driven Analytics

We support informed decision-making through predictive maintenance and supply chain analytics, reinforced by failure analysis to improve asset availability, reliability, operational efficiency, and reduce total cost of ownership.



MARINE CAPABILITY



We Keep The Seas Safe

Backed by more than 50 years of experience, we are one of the world's leading providers of turnkey shipbuilding, repair and conversion services for naval vessels and shipborne electronics systems. Our well-equipped shipyards and repair centre in Singapore provide specialised and comprehensive services to support the end-to-end lifecycle of vessels.

Maritime Security Naval Vessels

Our Maritime Security Naval Vessels safeguard national waters and critical maritime assets, delivering versatility, endurance, and rapid response across coastal patrol, interdiction, surveillance, humanitarian assistance, and maritime domain awareness operations.



Formidable-Class Frigate

Our Formidable-Class Frigates are advanced, multi-mission stealth frigates designed for precise and efficient operations at sea.



[Click here](#)

Vanguard-Class Multi-Role Vessel

The Vanguard-Class Multi-Role Combatant is a versatile, multi-mission platform for lean manning, integrating advanced digital technologies to enable faster, smarter, and more autonomous operations with reduced crew size.

- Scalable hull form
- Common design & equipment
- Integrated mast
- Integrated ship management system and sensemaking
- Modular payloads with a mission bay

Length: **130m**

Speed: **25kn**

Displacement: **5,000t**

Range: **6,000nm at 15kn**

Operation: **Up to Sea State 6**



[Click here](#)

Victory-Class Missile Corvette

The Victory-Class Missile Corvette is the trusted platform of the Republic of Singapore Navy, recognised for speed and versatile protection of Singapore waters.

- Proven platform
- High weapon capacity
- Flexible weapon fit
- Improved habitability

Length: **62m**

Speed: **In excess of 30kn**

Displacement: **530t**

Range: **2,000nm**



[Click here](#)

Humanitarian and Disaster Recovery Naval Vessels

Our Humanitarian and Disaster Recovery (HADR) Naval Vessels support rapid emergency deployment, delivering versatile, self-sufficient, and scalable capabilities for disasters, humanitarian crises, civil defence operations, and regional stability efforts.

Brave-Class Ship-To-Shore Connector

Our Brave-Class Ship-to-Shore Connector specialises in aiding disaster and relief operations, transporting both personnel and heavy equipment between a landing platform and shore.

- High carrying capacity
- Shallow water operation
- Bow ramp

Length: **47m**

Speed: **15-25kn**

Displacement: **150t**

Range: **500nm at 15kn**



[Click here](#)



Endurance-Class Landing Platform Dock

The Endurance-Class Landing Platform Dock is a proven multi-purpose and multi-role vessel designed and built in-house, capable of supporting vertical (helicopters) and surface (such as our Brave-Class ship-to-shore connectors) lift operations, afloat command, logistics, and disaster relief. We have delivered four Endurance 140 vessels to the Republic of Singapore Navy and one to the Royal Thai Navy.

- Cockpit bridge
- Well dock
- Bow door
- Landing spot for 2 MH

Length: **141m**

Speed: **In excess of 15kn**

Displacement: **6,000t**

Range: **5,000nm**



[Click here](#)



Fast Craft Utility

The Fast Craft Utility is a high-speed shallow draft vessel capable of carrying passengers, wheeled or tracked vehicle(s) of up to 18 tonnes. It is designed to be able to beach and retract fully laden on typical sandy shores.

- High carrying capacity
- Shallow water operation
- Bow ramp

Length: **23m**

Speed: **25kn**

Displacement: **47t**

Range: **180nm**



[Click here](#)



Angthong-Class LPD

The Angthong-Class LPD is a proven model of the Endurance Class Landing Platform Dock developed for the Royal Thai Navy.

- Cockpit bridge
- Well dock
- Side door

Length: **141m**

Speed: **In excess of 15kn**

Displacement: **6,000t**

Range: **5,000nm**



[Click here](#)

49m Landing Craft

The Landing and Supply Craft series enables robust shore-to-shore asset transportation, featuring propulsion options including fixed-pitch or controllable-pitch propellers in kort nozzles, or water jets.

- High carrying capacity
- Shallow water operation
- Bow ramp

Length: **49m**

Speed: **12kn**

Displacement: **300t**

Range: **2,000nm**



[Click here](#)

13m Fast Craft Equipment and Personnel Vessel

The Fast Craft Equipment and Personnel (FCEP) Vessel is a high-speed shallow-draft landing craft transporting platoon size troops, capable of beaching and retracting fully laden on sandy shores.

- High carrying capacity
- Shallow water operation
- Bow ramp



[Click here](#)



32m Fast Interceptor Boat

The 32m fast interceptor vessel enhances maritime security, responds quickly to maritime threats and border violations.

- Top speed at 50 knots
- Swift and agile, highly manoeuvrable
- Sustained operations in higher sea states

Length: **32m**

Speed: **50kn**

Displacement: **100t**

Range: **1,000nm**



Patrol Vessels

Our Patrol Vessels deliver exceptional coastal and offshore security performance, offering flexible, durable, and easy-to-operate designs for navies, coast guards, and maritime enforcement agencies.

Independence-Class Littoral Mission Vessel

Our Independence-Class Littoral Mission Vessel features a one-of-a-kind integrated command centre which co-locates the vessel's bridge, combat information centre, and machinery control spaces, integrating and synergising navigation, engineering, and combat functions to enhance operational effectiveness and efficiency in maritime security operations.

- Stack mast
- Integrated CIC and bridge
- Support MH resupply
- Carry modular payloads
- Optimal crew manning

Length: **80m**
Speed: **In excess of 27kn**
Displacement: **1,250t**
Range: **3,500nm**



[Click here](#)



Fearless-Class Vessel

Built for all-round operations, Fearless-Class patrol vessels feature twin high-speed diesel engines and quad fixed-pitch propellers, supporting prolonged coastal safety and security operations in compliance with naval classification rules.

- Water jet propulsion
 - Highly manoeuvrable
- Length: **55m**
 Speed: **In excess of 20kn**
 Displacement: **525t**
 Range: **Over 1,800nm**



[Click here](#)

Falaj 3-Class Patrol Vessel

The Falaj 3-Class is a highly versatile and reliable offshore patrol vessel, suited for a wide range of missions including maritime security and search and rescue operations.

- Highly manoeuvrable
 - Flight deck x 1 MH
 - High weapon capacity
 - High-speed
- Length: **62.7m**
 Speed: **26.5kn**
 Displacement: **680t**
 Range: **2,000nm at 16kn**
 Operation: **Up to Sea State 5**



[Click here](#)

Al-Ofouq-Class Patrol Vessel

Adapted from the Fearless-Class Patrol Vessels of the Republic of Singapore Navy, the Al-Ofouq-Class Patrol Vessels were built and delivered to the Royal Navy of Oman to strengthen maritime and homeland security through surveillance and extended patrols.

- Highly manoeuvrable
 - Flight deck x 1 MH
 - High weapon capacity
- Length: **75m**
 Speed: **27kn**
 Displacement: **1,300t**
 Range: **3,000nm at 16kn**



[Click here](#)

Maritime Safety & Security

Our Maritime Safety and Security Vessels are purpose-designed to protect national waters and critical maritime infrastructure, supporting civilian maritime safety missions through proven naval engineering and offering high agility, integrated surveillance, and mission-specific modularity.

Heavy Firefighting Vessel

Our Heavy Firefighting Vessel is the world's first firefighting (FiFi) vessel certified for Fifi 3 operations, capable of Dynamic Positioning and is adept at addressing Chemical, Biological, Radiological and Nuclear (CBRN) and sea-rescue operations, with a 2nd Generation introduced in 2022 for enhanced homeland waters safety.

- World's most powerful
- High-speed
- High rescue capacity
- Mini UAV capable

Length: **50m**

Speed: **20kn**

Displacement: **600t**

Range: **500nm at 15kn**

Operation: **Up to Sea State 5**



[Click here](#)



35m Medium Fire Vessel

The Medium Fire Vessel is designed for swift firefighting and rescue operations with Chemical, Biological, Radiological (CBR) protection.

- High-speed for rapid response
- High rescue capacity
- Swift and agile, highly manoeuvrable with powerful jet propulsions
- NERVA Ship Management System enhances automation and open architecture



Length: **35m**
 Speed: **30kn**
 Displacement: **200t**
 Range: **500nm**

Super Swift Patrol Boat

The Super Swift series comprises ultra-high speed Fast Patrol Boats (FPB) for interdiction, interception, and patrolling, offering exceptional seakeeping and manoeuvrability for pursuit, arrest, search and rescue, surveillance, escort, and border patrol operations.

5th Generation Patrol Boat

Derived from the Super Swift series, the 5th Generation Patrol Boat supports high-speed, all-weather operations with enhanced crew habitability for coastal surveillance, harbour patrol and security, pursuit and arrest, and rescue missions.

- Ultra-high speed
- Tethered UAV capable
- Highly manoeuvrable
- Failure prediction
- Optimised bridge design

Length: **23m**
 Speed: **55kn**
 Displacement: **57t**
 Range: -



[Click here](#)



Unmanned Surface Vessels (USVs)

We design and build Unmanned Surface Vessels (USV) for diverse missions, integrating advanced autonomy, navigation, and remote operations to deliver robust performance and mission adaptability.



[Click here](#)

12m Policing USV

ST Engineering's Policing USV is a versatile unmanned surface vessel designed for maritime law enforcement.

- Autonomous Manoeuvring, Collision Detection & Collision Avoidance
- Autonomous and Remote Communications System Enabled
- Autonomous Berthing
- Dynamic Positioning
- Health monitoring of platform machineries
- Integrated Shore Operator Control Station
- Predictive Diagnostics on Platform Machineries



15m Firefighting USV

Our 15m Firefighting Unmanned Surface Vessel features a high-speed catamaran hull, operating independently or with a mothership. Designed for search and firefighting missions, it supports modular payloads, predictive diagnostics, condition-based maintenance, and decision support systems for minimal supervision operations and mission adaptability.

- Autonomous Manoeuvring, Collision Detection & Collision Avoidance
- Autonomous and Remote Communications System Enabled
- Autonomous Berthing
- Dynamic Positioning
- Health monitoring of platform machineries
- Integrated Shore Operator Control Station
- Predictive Diagnostics on Platform Machineries

Length: **18m**
 Speed: **35kn**
 Displacement: **35t**
 Range: **700nm**
 Operation: **Up to Sea State 3**



18m All-Purpose USV

- High-speed
- Modular payload
- Auto-berthing capabilities
- Dynamic station keeping and positioning
- Large payload deck up to 5 tonnes



VENUS Unmanned Surface Vessel (USV)

Highly customisable, the VENUS USV supports autonomous missions with modular reconfiguration, integrating electro-optical and radar sensors for safe navigation in dense maritime environments and enabling diverse commercial, public safety, and security applications.

- Multi-mission capability
- Rapid reaction
- Ease of maintenance
- Designed for both manned and unmanned operations



[Click here](#)



MERCURY Autonomous Underwater Vehicle (AUV)

The modular MERCURY AUV is designed for littoral and congested environments, delivering autonomous seabed data capture using advanced sensors, navigation and communications, configurable for Mine Counter Measures (MCM) missions, underwater survey and inspection.

- Modular design allowing configurable payload and battery length
- Capable of detecting partially buried items
- Automatic target recognition



[Click here](#)



JUPITER Autonomous Solar-Powered Vessel

Equipped with a 2 kWh solar roof, the JUPITER ASPV can power its entire system by efficiently charging onboard batteries, enabling zero-emission operations, reducing diesel consumption and CO₂ emissions. It supports eight-hours of continuous operations, with modular payloads for debris retrieval, aquatic clearance, and water quality monitoring.

- Designed for multiple applications
- Fully solar powered and electric
- Autonomous operations
- Zero emissions



[Click here](#)



Unmanned Solutions

Building on our unmanned vessel expertise, we develop autonomous vessels that ease manpower constraints, improve operational efficiency, and enhance maritime safety - without risking lives.

AUTONOMAST™ All-In-One Modular Autonomy Kit

AUTONOMAST™ converts manned vessels to unmanned vessels for autonomous navigation, supporting defence, maritime security, oil and gas, wind farm, firefighting, and shipping industries with proven USV operational experience.

With over 15 years of experience in USV development and operational deployment, and more than 57,000 hours of autonomous USV operations, we empower vessels to navigate autonomously, intelligently, and safely at sea.

Navigation Autonomy

- Waypoint following with Collision Detection and Collision Avoidance (CDCA) function
- Industry-first autonomous berthing
- Energy efficient digital anchoring

Mission Autonomy

- Lawn mowing for search & rescue
- Block & screen manoeuvre for Key Installations (KINS) protection, escorting of high value asset

Platform Autonomy

- Automatic vessel health monitoring & reporting
- Automatic fire detection & suppression
- Automatic intruder detection & reporting

Collaborative Autonomy

- Manned and unmanned teaming capability (e.g. manned fire command boat operates at a safe distance and an unmanned firefighting vessel handles close-in firefighting)
- Logistics sea train manoeuvre



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ZAEL Intelligent Ship Insights

ZAEL is a platform-agnostic intelligent data layer that integrates seamlessly with existing Ship Control & Monitoring Systems (SCMS), consolidating operational, performance and safety data into a single, unified foundation. It structures, contextualises and analyses data continuously into actionable intelligence, enabling faster decisions, safer operations and sustained vessel performance.

Pulse

Pulse proactively monitors onboard equipment health, predicting maintenance timelines and providing actionable preventive maintenance recommendations.



[Click here](#)



Watch

Watch uses AI and computer vision to analyse real-time vessel footage, detecting unauthorised entry and anomalies to enhance safety and security.

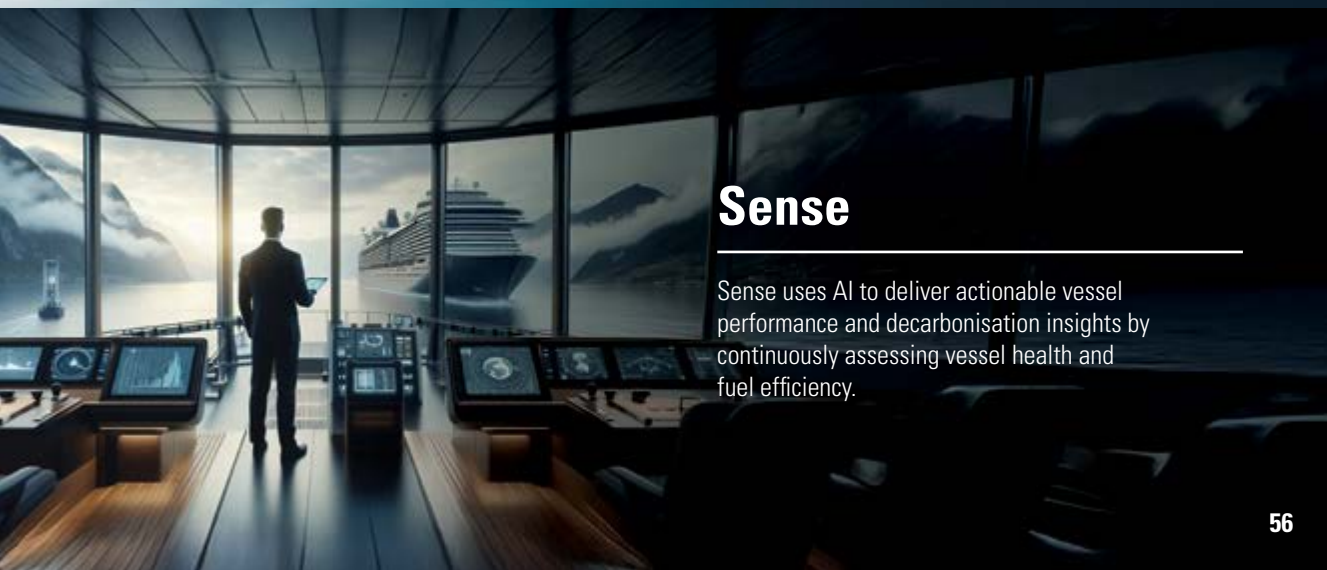


Sight

Sight transforms sea trial reporting with automated analytics, generating instant reports on critical vessel manoeuvring performance metrics.

Scribe

Scribe aggregates driving and incident data into fleet-wide safety scores, enabling benchmarking, detailed incident reconstruction, and intuitive reporting for effective root-cause analysis.



Sense

Sense uses AI to deliver actionable vessel performance and decarbonisation insights by continuously assessing vessel health and fuel efficiency.



[Click here](#)

Naval Platform Electronics (NPE)

NPE is the core backbone of the combat system for modern naval platforms, powering their warfighting capabilities through advanced Command, Control, Communication, and Computing (C4) capabilities.

At its heart, our **Command and Control (C2)** acts as the brain and nervous system of the warship, seamlessly integrating all combat sensors and weapon systems enabling you to see more, decide faster, and act smarter.

Complementing this, our **Integrated Communication System (ICS)** manages all internal and external communications, ensuring you are connected to operate as one unified fighting force.

Our high-performance computing hardware underpins these capabilities, delivering the processing power required for real-time data fusion, mission-critical analytics, and AI-driven predictive maintenance—enabling the warship to operate as a fully integrated digital combat platform.

Beyond C4, NPE delivers an end-to-end warfare and readiness ecosystem, encompassing **Training and Simulation** solutions and **Digital MRO** services, ensuring that you are always mission ready.

Key Highlights:

- **OEM-Agnostic Design** – We design and architect the combat sensors and weapon suite based on customer operational, schedule, and budget requirements. This keeps customers free from vendor lock-in, optimises cost and enables best-of-breed technology adoption across multiple OEMs
- **Decades of Experience, Proven at Sea** – Since the 1970s, we have delivered fully integrated platforms from amphibious ships to stealth frigates. Our solutions are mission-proven and continuously evolved to meet modern warfare demands— giving customers confidence in reliability, performance, and long-term support
- **MUM-T Ready** – Our offering extends beyond NPE and manned platform to unmanned capabilities (UAVs, USVs, and AUVs) enabling MUM-T operation concept for enhanced situational awareness, force projection, and mission flexibility
- **Cybersecurity Capability** – With our proven cyber expertise, customers can opt to embed robust cyber solutions within NPE to ensure resilient, secure operations in contested digital environments





[Click here](#)

Maritime Systems

Our e-Navigation Framework-ready smart vessel traffic management solutions reduce human error and cost through intelligent monitoring and proactive alerts to prevent incidents before crises occur.

Vessel Traffic Management System (VTMS)

VTMS is a next-generation onshore command centre software connecting port-wide sensors for vessel surveillance, delivering AI-enabled decision-making, intuitive visualisation, digital geo-fencing, environmental change detection, and enhanced situational awareness for safer navigation.

- Utilises machine learning to analyse trends for traffic management and anomaly detection
- Single source of truth for greater situational awareness
- Proactive coastal defence planning to improve border security
- Smart vessel surveillance to detect and deter suspicious activities



[Click here](#)



Vessel Traffic Mobile System (VTMoS)

VTMoS is a mobile vessel traffic management system for offshore operators, linking command centres to shipborne and ground vehicles for seamless communication and streamlined operations.

- Streamlines ship-to-shore communication to ensure prompt dissemination of information
- Enhances data visualisation for effective response to maritime threats and emergencies



[Click here](#)



Ship Maintenance, Conversion and Overhaul

Besides naval vessel maintenance and refitting, we repair damaged vessels and deliver specialised services including weapons upgrades, mid-life conversions, and high-speed diesel engine servicing.

- Contractor-led support solutions for ship maintenance and complex capability upgrades
- Delivering capability/support services with COCO vessels
- Delivering availability-based contracts
- Repair, overhaul, testing and commissioning of high-speed diesel engines
- Deep knowledge and experience for submarine maintenance



Naval Ship Repair

We are a partner to overseas navies, providing a suite of ship repair services to upkeep and maintain the reliability of their vessels.

Vessel Types

- Rescue and Salvage Vessels
- Expeditionary Fast Transport
- Ocean Surveillance Ship
- Missile Range Instrumentation Ship
- Multi-Role Vessel
- Auxiliary Ship (Oiler)

Services

- Dry-docking
- Cleaning, blasting and painting
- Steel and pipe renewal
- Main propulsion engine replacement
- Propulsion motor servicing
- Waterjet propulsion system overhaul
- Reduction gear maintenance
- Astern ramp maintenance
- In-situ precision machining of transom hull flange
- T-EFP hull plate renewal
- Maintenance support for shipborne electronic systems



Shipyard Innovation

We aim to be an integrated smart yard solutions provider for our customers, leveraging smart technologies to create the modern shipyard of tomorrow.



- **Panel Line Automation**
Automated panel fabrication using robotic production technology and advanced sensors
- **Video Analytics and Security Robots**
Real-time hazard detection and automated safety alerts
- **Drone Inspection**
Inspection of hazardous and hard-to-reach areas, enhancing workers' safety
- **IoT Enabled Devices**
Real-time updates of work progress and monitor workers' safety
- **Sustainable Practices**
Electric-powered AGVs and buggies to reduce carbon footprint, efficient scrap sorting and recycling processes to minimise waste
- **Green Energy Sources**
Adoption of renewable energy sources to cut carbon emissions by 2034



DIGITAL CAPABILITY



Accelerating Digital Transformation

Gear up for the future battlefield with advanced C5ISR solutions, driving digital transformation to enhance collaboration, Manned-Unmanned Teaming (MUM-T), situational awareness, and real-time Command, Control, Communications, Cybersecurity, and Intelligence for rapid decision-making.

MUMTOS



Manned-Unmanned Teaming Operation System (MUMTOS)

MUMTOS is an AI-powered command and control platform unifying drones, unmanned ground vehicles (UGVs), and humanoid systems, delivering real-time situational awareness and autonomous responses for complex security and defence operations. By integrating human and machine teams into a single operational picture, it ensures faster, safer, and more effective decision-making on the ground.

- Unified Command & Control: Coordinate air, land, and sea assets under a single, intelligent operating framework for complete mission oversight and control
- Open Platform Architecture: Modular, plug-and-play design enables integration of third-party sensors, mission modules, robotics, and software, ensuring future-proof scalability. Supports industry-standard protocols (STANAG, DDS, REST APIs) for seamless integration with legacy systems and multi-vendor ecosystems
- AI-Driven Coordination: Autonomously allocates tasks, synchronises multi-agent behaviours, and adapts to mission dynamics—enhancing effectiveness and reducing operator burden
- Cybersecurity & Ethical Compliance: Incorporates robust cybersecurity measures and responsible AI principles to safeguard mission-critical data and ensure ethical autonomy in real-world operations



[Click here](#)



AI-Driven Solutions

Our solutions fuse data and leverages AI to deliver a unified operational picture, enhancing situational awareness to accelerate decision-making, efficient threat detection, response and neutralisation across complex contested environments.

MRLN.AI

MRLN.AI uses Automatic Speech Recognition (ASR) and AI to automate repetitive tasks, reduce administrative burden and human error, and improve productivity and operational efficiency.

- Real-time speech-to-text using Natural Language Processing to automate tasks
- Automated documentation through seamless form-filling to reduce errors
- Intelligent summarisation with diagnostic insights
- On-premise deployment support to safeguard sensitive information



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AGIL® Cloud Weave

AGIL® Cloud Weave is an advanced cloud management platform unifying visibility, control, and security across hybrid multi-cloud infrastructure, delivering deep observability, GPU resource optimisation, and streamlined manageability for enterprise and AI workloads from core to edge.

- Flexible smart cloud management and monitoring using Agentic AI
- Unified visibility of availability and security across hybrid multi-cloud infrastructure
- Standards-based interoperability via SNMP and REST APIs for multi-product integration

AGIL® Edge Compute

AGIL® Edge Compute is a next-generation, thermally optimised, ruggedised short-depth platform with dual Core processors and high-performance GPU, delivering mission-ready edge performance for demanding military and industrial environments, qualified to stringent military standards.

- Dual processors with high-performance GPU for accelerated AI computing
- NVMe E1.S drives support higher density, thermal efficiency, and serviceability
- Nutanix-certified for seamless hyperconverged and virtualised edge integration

AGIL® Trust

AGIL® Trust counters AI-driven misinformation by detecting multimodal fakes through analysis of text, audio, and video, identifying tampered or inaccurate content at scale.

- Detects multimodal deepfakes
- Expedites fact-checking using advanced lexical analysis
- Automates fact-checking from trusted sources to discern fact from fiction
- Performs deep content analysis to uncover narratives, intent and emotional disposition



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AGIL® Insights

AGIL® Insights is an AI-driven media analytics platform that strengthens strategic communications and risk management. It equips organisations to anticipate narratives, counter risks and respond with clarity and confidence in today's fast-moving information environment.

- Comprehensive coverage: Analyse both news and social conversations
- Contextual insights: Drill down into specific events, comments and narratives for actionable insights
- Sentiment breakdown: Instantly see positive, neutral and negative trends



AGIL[®] Counter Drone

We offer scalable, multi-layered AI-driven C2 sensor-effector suites for counter-drone operations, delivering timely intrusion warnings and risk mitigation to protect key installations and events.

RF Sensors

RF Sensors provide early intrusion alerts with machine-learning-enabled low false-alarm detection.

S300

A compact, portable frequency scanner using machine learning to accurately detect and classify drone RF signals, delivering instantaneous identification with a remarkably low false alarm rate.

- Machine learning detects drone-like frequencies without requiring a drone library
- Provides actionable insights on nearby drone presence
- Continuously monitors drone RF signals

S1000

By combining AI-enabled drone decoder technology with our patented ML algorithm, we enhance drone detection probability, reducing risks from home-made or modified drones penetrating protected areas.

- Real-time intrusion alerts and mitigation
- Small form-factor that combines both AI and ML detection
- Rapidly deployable for quick response
- Scalable, cost-effective solution



RF Jammers

Adaptable non-kinetic mitigation solutions covering diverse operational scales and environments, featuring Efficient Spectrum Diversity Jamming Waveforms, Ubiquitous Spatial-Diversity Jamming System, and Frequency Hopping Countermeasures.

J300

J300 is a static-mounted drone jammer enabling ubiquitous spatial-diversity jamming in urban blind zones. Working with S300 and S1000 sensors, it forms a reactive jammer delivering continuous, multi-band, all-direction neutralisation of RF-controlled drones up to 300m, suitable for stationary or mobile configurations.

- Provide area protection for the entire assets allowing quick response to pop-up targets
- Efficient Spectrum Diversity Jamming Waveforms
- Ubiquitous Spatial-Diversity Jamming System
- Frequency Hopping Countermeasures

J1000

The Drone RF Jammer System is a field-proven countermeasure disrupting ISM and GNSS (L1, L2) frequencies, using high-powered amplifiers and signal generators to neutralise single or multiple drones up to 1 km, with continuous multi-band jamming for stationary or mobile configurations.

- Easy deployment
- Ruggedised and operable in extreme conditions
- Reliable and scalable

Counter-Drone Laser Effector (CDLE)

CDLE neutralises Class 1 micro-UAVs with precision using a 3 kW laser, delivering controlled engagements up to 1 km, automated precision tracking, short dwell times, and static or vehicle-based deployment for rapid operations.

- Precision Counter-Drone Capability – Neutralises Class 1 micro-UAVs in complex environments
- Effective Engagement Range – Up to 1 km engagement, 2 km detection
- Rapid Neutralisation – 10s dwell at 1 km, 5s dwell at 0.5 km (Class 1 micro-UAVs)
- Automated Precision Tracking – Accurate targeting with reduced operator workload



[Click here](#)

AGIL® Counter Drone C2

The solution implements robust countermeasures to neutralise drone threats, delivering unified situational awareness and control integrated with any sensors, ensuring reliable protection of critical installations and events against modern security challenges.

- Utilises AI for enhanced detection, tracking, and response to drone threats
- Adaptable to various operational scales and environments, ensuring comprehensive coverage
- Provides early alerts for potential drone intrusions, enabling proactive response measures
- Offers effective countermeasures to neutralise drone threats, safeguarding key installations and events

Integrated Communications Suite

From private 5G networks enabling wearables and unmanned solutions to traditional voice and data systems, our Integrated Communications Suite of 5G, SATCOM, and UCS ensures secure, responsive communications across all missions and terrains.



5G System-On-Chip (SoC) Small Cell



[Click here](#)

The 5G System-On-Chip (SoC) Small Cell offers high-performance, scalable, and energy-efficient 5G connectivity for diverse indoor environments. Designed for easy integration into existing infrastructures, it supports various venues, from offices to stadiums, with flexible, 3GPP-compliant architecture for seamless deployment and management.

- Smart factories & manufacturing
- Hospitals & healthcare sectors
- Retail & commercial spaces
- Transportation platforms & hubs
- Campuses & learning environments

Unified Communications System (UCS 1000)

Designed to integrate multiple communication needs on a single platform, regardless of radio frequencies, network or devices. Our UCS enables the integration of radio, satcom and cellular networks for more effective sharing of information in complex, operational environments.

- Suitable for single operator setup to full end-to-end operations
- Enables seamless interoperability across diverse communications systems

Applications

- Mobile radios
- IP telephones
- Analogue telephone
- Client software on computers and smart phones

Features

- Virtualisation
- IP-based
- EUROCAE ED-137 Adherent



5G-in-a-Box (5GiB)

5G-in-a-Box (5GiB) delivers reliable 5G connectivity in remote or challenging environments, enabling rapid deployment for critical operations with secure, high-bandwidth communications and low latency when traditional infrastructure is unavailable.

- Easy deployment
- Ruggedised and operable in extreme conditions
- Reliable and scalable



[Click here](#)

Multi-Access C4 Hub (MAC4H)

The Multi-Access C4 Hub (MAC4H) is the next-generation Command & Control, Communications and Computing platform designed in alignment with Modular Open System Architecture (MOSA). It seamlessly enables mission-critical capabilities such as Battlefield Management System, Unified Communications Management and Multi-Modal Communications Systems across diverse communications networks.

Built on OpenVPX standards for high-performance, rugged operations, MAC4H enables secure, resilient connectivity and real-time data processing at the edge. Its modular and scalable architecture

allows flexible integration of computing, networking, storage, communications, and cyber-security modules.

Designed for future battlefields, MAC4H empowers operators with integrated, resilient capabilities that enhance situational awareness, accelerate decision-making, and ensure mission continuity in complex operational environments.

Mobile Command Platforms

Mobile Command & Communication Platforms (MCCPs) offer versatile C4 (Command, Control, Communications, and Computers) capabilities for mission planning and emergency management. Built for all-weather use, they enable rapid on-site Command and Control, ensuring efficient deployment of personnel and resources during emergencies and disaster recovery.



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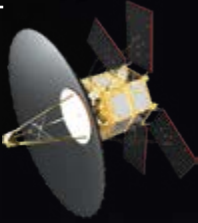
- Unified Communication Systems (UCS) enables interoperable real-time voice, data, and video communications
- Forward Command Vehicle (FCV) enables command and control on the move
- Mobile Command Post (MCP) supports cross-country operations with deployable, expandable workspace
- Modular deployment of MCPs reduces operational and logistical costs
- Reliable system requires minimal maintenance with clear communications on the move





Space & SATCOM Systems

Our satellite solutions play a crucial role in transforming business, advancing economies, and enabling tomorrow's smart cities. As a leading satellite solutions provider, our extensive suite of products and services span design, manufacturing, integration, launch management services and ground operations, as well as imagery and geospatial analytics solutions.


[Click here](#)

Satellite-Data-As-A-Service

Our Near Equatorial Orbit (NEqO) satellite constellation delivers high-performance Earth observation using advanced optical and Synthetic Aperture Radar (SAR) imaging.

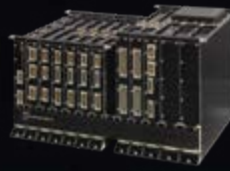
- Covers critical equatorial regions, including shipping routes, disaster-prone areas, and forest fire hotspots
- High-revisit, high-resolution imagery providing actionable insights for maritime, agriculture, and sustainability


[Click here](#)

Spacecraft On-Board Computer

A high-performance, radiation-tolerant computing system designed for reliable control and data management in Low Earth Orbit (LEO) satellite missions.

- Dual-core LEON3-FT processor for high-performance, space-grade processing
- Radiation-tolerant design ensures reliable operation in space
- Integrated FDIR system for fault detection, isolation, and recovery
- High availability architecture for mission-critical LEO satellite operations


[Click here](#)

Power Control & Distribution Unit

It controls the power flow from the Solar Array and the battery and distributes that power to the whole satellite.

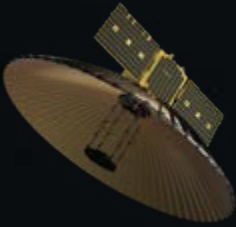
- Provides efficient power regulation and management to 2 kW of solar power
- Outputs up to 4 kW of electrical power with protection to bus, payload and all heaters
- Modular and scalable design suits all missions in LEO


[Click here](#)

POLARIS Satellite

The POLARIS satellite is planned for launch in 2027 and it offers high-end capabilities and performance for earth observation missions.

- True-color imagery at very high-resolution (50cm)
- Full Motion Video (FMV) at 28 frames per second
- Advanced SWIR imaging technology with 1.5m resolution
- Intersatellite link to support dynamic, in-orbit tasking
- Assured satellite passes over national territory, enabling sovereign access to commercial space assets.


[Click here](#)

NeuSAR-2 Satellite

NeuSAR-2 is a Synthetic Aperture Radar (SAR) satellite with a reflector-based architecture that sets a new standard in radar imaging performance. Its advanced full polarisation design ensures precise and consistent imaging, even in challenging conditions.

- Advanced Radar Capabilities
 - High-resolution imagery: 0.6m or better
 - X-band with full polarisation
 - Compact Design: Mass \leq 280 kg
 - Wide Look Angle: 20° to 45°


[Click here](#)

PERSEUS Satellite

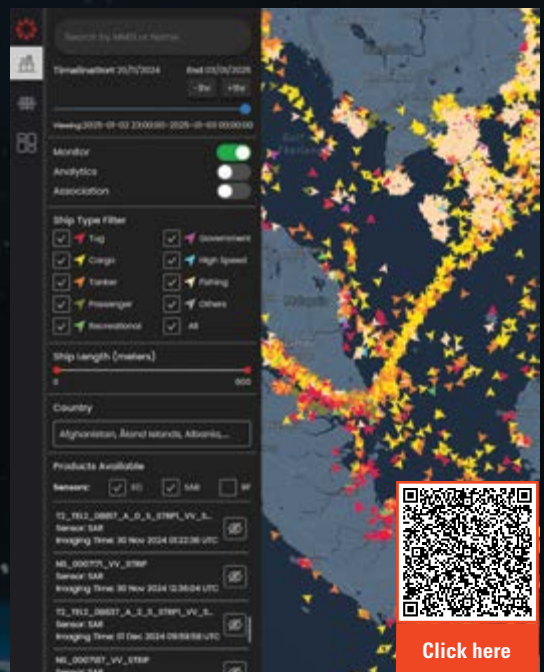
PERSEUS SAR satellite is a space-based remote sensing platform designed for high-resolution, all-weather Earth observation data. This satellite offers unparalleled capabilities for a wide range of uses, including disaster management, environmental monitoring, and scientific research.

- Advanced Radar Capabilities
 - Very high-resolution imagery: 0.25m
 - X-band with single polarisation, offering a bandwidth up to 1200 MHz
 - Wide Swath: >4 km (spotlight) >20 km (stripmap)
 - High Power SAR: Peak power of 4 kW

KnOcean

Developed to strengthen defence and protect the marine environment, KnOcean provides near real-time situational awareness - enabling detection of suspicious vessels and continuous monitoring of high-risk zones for early indicators of suspicious activities.

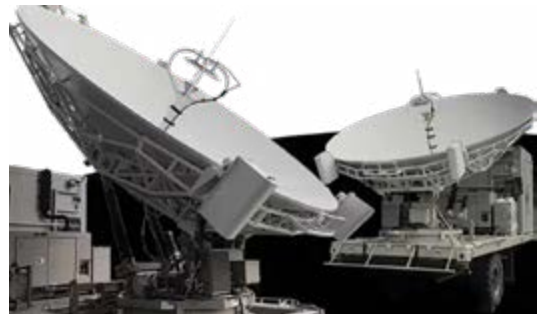
- Reliable maritime intelligence from vessel tracking, satellite imagery, and signals
- Automatic identification of suspicious behaviour by cross-checking multiple data sources
- Monitor port and coastal changes to support investigations and compliance
- Accelerate insights with Geospatial Agentic AI, transforming analysis into actionable intelligence quickly


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Mobile Earth Station



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The Mobile Earth Station provides seamless connectivity during emergencies, featuring a trailer-mounted 4m Ku/Ka Band Tri-Fold Automatic Deployment Antenna and modular design for flexible air, land, or sea transport.

- Modular & Portable: Deployment via removable HVAC shelter, tow interface, dual 37RU racks

- Seamless Connectivity: Equipped with 1:1 low noise block downconverter and an 80W Ku-Band block upconverter, supporting both extended and low Ku-Band frequencies
- Intelligent Network Management: Integrated power distribution box and RTA's smart network management system ensure uninterrupted operation



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Parabolic Manpack Satcom Terminal - A1000

Parabolic Manpack Satcom Terminal A1000 is a custom-built Triband SATCOM terminal providing reliable broadband connectivity, featuring integrated equipment, compact lightweight design, and rapid deployment in harsh and hostile environments.

- Includes BUC, LNB, Modem, Power Supply, M&C, GPS, and battery
- Compact and lightweight
- Deployment in less than 10 minutes



Flatpanel Manpack Satcom Terminal - M300

Flatpanel Manpack Satcom Terminal M300 is a portable Ku-Band SATCOM terminal with compact form factor, ruggedised for harsh tactical scenarios, delivering high performance and quick deployment.

Cloud Solutions

Enhance data management with innovative, secure cloud platforms and data systems that ensure cohesiveness, strengthen security, and accelerate organisation-wide digital transformation



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Cloud Solutions

An extensive range of capabilities in database and application transformation for both private and public clouds. We provide end-to-end cloud and data services for users to gain flexibility with data on cloud and on-premise, whilst maintaining visibility and control through managed services in various data environments.

- Customisable structured cloud migration process tailored to unique infrastructure and operational requirements
- Hybrid Multi-Cloud strategy delivering agility, resilience, and risk diversification via AGIL® Cloud Management Platform
- Experienced cloud-managed service provider automating operations to enhance efficiency and reliability
- Secured Data Platform Modernisation enabling workload portability and unified multi-cloud services orchestration



Training & Simulation Systems

We help our customers to learn and train better so they can achieve mission success and enhance learning outcomes. Our advanced learning, training, and simulation solutions serve a wide range of sectors, including aerospace, land, maritime, homeland security, and education. We provide simulation and training systems for Live, Virtual and Constructive, Individual to Team, Common Simulation Environment, Multi-Domain Operations and Digital Twins.

Our solutions include:

- Motion platform simulator
- AR / VR / MR enabled immersive trainer
- Procedural trainer
- Full mission trainer
- Classroom-based trainer
- Digital Twin

Fixed Wing Flight Simulator

The fixed-wing simulator provides network-integrated virtual training for basic to advanced flight operations, supporting both Type (aircraft handling) and Task (mission) training across individual and team missions in a full range of operational scenarios.

- Provide basic instruments and navigational training for single or multiple crew(s)
- Provides training in different flight scenarios to hone skills and flexibility
- Provides mission level training
- Training analytics to analyse trainee performance

Helicopter Simulator

The helicopter simulator provides realistic flight simulation across varied environments and scenarios, training pilots in cockpit procedures, avionics systems, flight operations, navigation, task-specific skills, and mission level operations.

- Provides basic, tactical, and mission-level training to equip personnel with essential skills
- AI-driven training analytics analyse performance for continuous improvement with VR/MR training



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Driving Simulator

Our driving and crew simulators deliver high fidelity virtual training for skill refinement, crew coordination, and safety, powered by AI-driven training analytics and scenario generation, with platforms tailored to diverse training objectives and budgets.

- Motor vehicles (Cars / Motorcycles)
- Passenger vehicles (Buses / Coaches)
- Military vehicles (Wheeled / Tracked)
- Heavy goods vehicle
- Articulated vehicles
- Police, fire & emergency response vehicles



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We offer various types of training platforms:

- Mixed reality (MR) driving trainer
- Compact driving simulator
- Full-scale motion driving simulator (3 to 9 degrees-of-freedom motion platform)
- Cabin/desktop crew trainer

Operational Driving Simulator (ODS)

This compact, lightweight driving simulator supports portable Just-In-Time (JIT) training with Head-Mounted Display (HMD) integration, delivering a realistic driving experience through precise 4-Degrees of Freedom (4-DoF) motion and tactile feedback.

- Superior portability with its compact design and lightweight build
- Compatible with various immersive visual displays (e.g. XR HMDs)
- Customisable driving dashboard for different vehicle layouts and training needs

Air Traffic Control Simulator (ATCS)

A scalable, high-fidelity training solution delivering realistic radar, procedural, and aerodrome simulations, customisable from ab-initio to operational and refresher training to build controller precision and confidence across all scenarios.

- Mimics real-world scenarios for rapid decision-making training
- Scalable and customisable for unique training requirements
- Cost-effective system with flexible simulator mode switching
- Customisable plug-ins enable fast updates with industry changes



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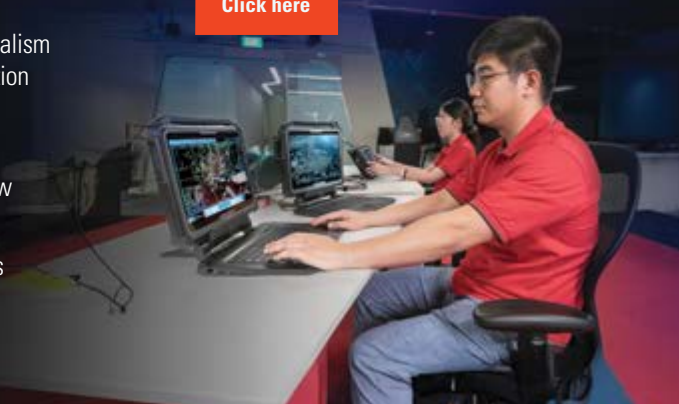
Unmanned Aerial Vehicle Simulator

The portable V15 SimEnabler connects UAV Ground Control Station (GCS) to Instructor Operator Station (IOS), delivering high-fidelity UAV training with realistic aircraft, sensor, and CGF simulation, customisable scenarios, and comprehensive after-action review for classroom, on-site, and joint exercises.



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- Customisable visual scenarios with extreme visual realism and realistic sensor simulation such as EO/IR simulation
- High-fidelity Computer Generated Forces (CGF) and a comprehensive Instructor Operating System (IOS) for scenario planning, add injects, and after-action review
- Compact and portable design supporting on-site or classroom training and participation in joint exercises



AGIL® Counter Unmanned Aerial System Simulation System

AGIL® Counter-Unmanned Aerial Systems (C-UAS) Simulation System is an AI-powered integrated training solution that supports scenario-based experimentation of defence tactics in dynamic, high-threat environments. It enables rapid iteration of strategies while delivering realistic training in decision-making, tactical employment, and rules of engagement.

Unmanned Surface Vessel Simulator

The unmanned surface vessel simulator supports initial and recurrent USV operator training, delivering platform and mission-specific training through realistic simulated environments, scenarios, and customised configurations to build operational proficiency at sea.



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- Safe training environment for operator
- Learn the command procedures of a USV console anytime
- Hone the skills for autonomous operations, navigating under the different weather conditions and emergency handling



Integrated Ship Bridge Simulator

The Integrated Ship Bridge Simulator provides realistic training from basic ship handling to complex mission rehearsals, enabling crews to hone technical and combat skills through collaborative training, VR watch stations, and immersive berthing training scenarios.

- Integrated, realistic, and safe training environment reducing per-ship training time
- Supports full training range from operator component to mission-based training
- Recognised at Military Simulation & Training Awards 2019 for Littoral Mission Vessel Simulation Centre recognised at Military Simulation & Training Awards 2019 for project



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Platform Crew and Gunnery Simulator

A simulator to train crew to operate the equipment and weapons on board the armoured vehicle or as a conceptual tool to design, develop, research and improve armour vehicles' characteristics.

- Provides tactical training needs for crew
- Provides procedural training
- Provides weapon equipment training to enhance their skills
- Train crew to operate the equipment and weapons on board the armoured vehicle



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Virtual Maintenance Trainer for Land, Maritime and Air Platforms

The Virtual Maintenance Trainer uses immersive Virtual Reality (VR) to enable safe, downtime-free training, allowing trainees to practise and assess procedures in customisable scenarios unsuitable or unsafe for live training.

- Provides training environment without system downtime
- Provides training in a safe, immersive environment
- Applicable to land, maritime and air platforms

AGIL® Digital Sandtable

The Digital Sandtable is an interactive, touch-based tabletop device providing 2D terrain visualisation with correlated 3D fly-around views, supporting scenario planning, urban planning, and emergency response training.

- Touchable UI, Tools and visualisation, Content flexibility
- Tabletop user interface: 2D map navigation with touch interactivity on an accessible tabletop
- Immersive visualisations and emergency handling
- Close-up visualisation



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Digital Twin

AGIL® Digital Twin solution uses AI to create real-time 3D replicas of physical spaces for smarter management, enhanced visualisation and dynamic training environments.

- Provide spatial context for precise, real-time monitoring of individuals, crowds and assets
- Seamless integration with existing BMS in buildings enhances operational efficiency
- Realistic simulations for operations planning, resource allocation and infrastructure development



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Training Support and Consultancy Services

We provide training support and consultancy services across aerospace, land, and maritime domains, delivering high-quality operational and technical expertise to empower excellence for defence, commercial, and international customers.

- Operations & simulator maintenance support
- Training design services
- Training operations and support
- Instructional services
- Simulation training centre management
- Port facility security consultancy services



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Specialised Driving and Technical Training

Our training services deliver specialised driving and technical training, emphasising safety and precision to ensure driver readiness, operational effectiveness, and fleet reliability.

- Technology integration for simulated training experience
- ISO-certified (ISO 9001, ISO 14001, ISO 22301, ISO 28000, ISO 45001)

Operations and Maintenance Support for Shooting Simulators and Ranges

We ensure safe operation and maintenance of simulated and live firing systems worldwide, providing pre-range operations, range conduct, recovery services, and expert weapon coaches for static and moving target technical ranges.

- Provision of expert feedback on marksmanship and gunnery skills
- Technology integration for enhanced user experience

Drone Training

Unlock your aerial potential with Kinetics Drone Training Centre (KDTC). We offer comprehensive drone training and flight support services for professionals, enthusiasts, and organisations. Our programmes follow Civil Aviation Authority of Singapore (CAAS) regulations and industry standards, ensuring safe and effective UAV operations.

- Drone Training & Certification – From basic to advanced UAV operations, including UABT certification, mission planning, and precision flying
- Flight Support & Consultancy – Expert pilots, regulatory compliance assistance, and customised UAV solutions for security, inspections, and test flights
- Specialised Industry Training – Certified UAV operations in public safety, infrastructure inspection, and emergency response

AGIL® Co-Trainer

AGIL® Co-Trainer's dynamic scenario generation, realistic virtual teammates and data-driven insights optimises training outcomes, ensuring faster learning and improved operational readiness.

- Generative AI creates scenarios instantly for rapid, adaptive training
- AI generates virtual teammates executing tasks autonomously
- Advanced analytics enable performance evaluation, debriefing, and training improvement



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Rapid Scenario Generator (RSG)

The RSG is an AI-driven training solution that transforms scenario design and execution, acting as an instructor "Copilot" by leveraging AI, Computer Generated Forces (CGF), and MAK VR-Forces integration to enable fast, adaptive, and user-friendly scenario creation through natural language inputs.

- Describe scenarios; RSG auto-generates configurations via text or voice
- Agentic AI copilot interprets intent and suggests realistic force actions
- Scenarios refined through prompts without technical expertise



Mission Analytics Review System (MARS)

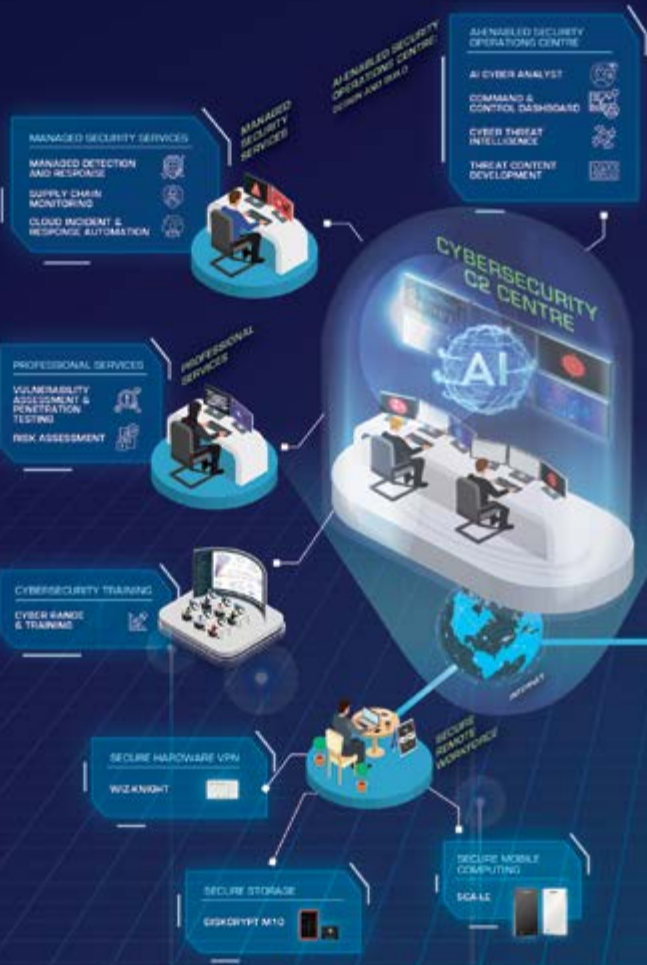
MARS is a digital solution that enhances military training performance by automating review and analysis, eliminating subjectivity, and delivering consistent, scalable, and objective assessment across training scenarios.

- Automated Performance Metrics: Quantify mission performance instantly
- Intelligent Episode Mining: Identify key events and assess attrition
- Real-Time Feedback: Instant insights for continuous improvement



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A trusted cybersecurity leader in safeguarding government, critical infrastructure, and enterprises with unparalleled cyber resilience. Our comprehensive suite of cybersecurity solutions is backed by deep domain expertise and a proven track record, offering end-to-end capabilities.

Cybersecurity Hardware Products



CyberTransporter

Cross Domain Solutions

CyberTransporter sets the standard for secure data transfer in defense and critical infrastructure. It enables sensitive information to move seamlessly between segregated networks while shielding mission-critical systems from cyber threats.

- True hardware-enforced, one-way data transfer blocks inbound attacks and eliminates exfiltration risks
- Patented SFP+ diode modules guarantee data only flows out—never in—protecting against remote compromise
- Certified to common criteria EAL4+ and engineered for 1Gbps file transfers with near-zero packet loss, ensuring both compliance and high performance



Quantum-safe Encryptor

Post Quantum Security

The Quantum-Safe Encryptor delivers robust encryption for defense, government, and critical infrastructure, protecting sensitive communications against both classical and quantum-enabled threats. By combining ultra-high-speed performance with post-quantum-ready technology, it ensures long-term cryptographic integrity across complex networks—facilitating a seamless transition to quantum-resilient communications as the threat landscape evolves.

- Delivers 100Gbps encryption throughput for high-performance, mission-critical networks
- Enables Post-Quantum Cryptography (PQC) and integrates with third-party Quantum Key Distribution (QKD) systems for future-proof security
- Features advanced tamper detection with automatic cryptographic key zeroisation to safeguard against physical compromise

NetCrypt R100

Ruggedised Encryptor

NetCrypt R100 is engineered for high-stakes missions where conventional encryption solutions falter. Built to withstand extreme temperatures, constant vibration, and rigorous field use, it delivers uninterrupted, secure IP communications in the harshest operational environments. NetCrypt R100 empowers defence teams to maintain protected site-to-site data flows between command centres and forward deployments, ensuring mission-critical information remains confidential and available—regardless of the conditions.



- Engineered for extreme environmental resilience, ensuring operational continuity where standard commercial equipment fails
- Enables secure, resilient connectivity between dispersed operational sites
- Employs AES-256 encryption to safeguard sensitive mission data at all times

Photonic Layer Security

Harvest Proof Protection

Photonic Layer Security protects national-scale fibre networks by encrypting data at the optical transport layer, preventing interception before reconstruction is possible. Delivering ultra-low-latency confidentiality without bandwidth compromise, it is purpose-built for defence, government, and critical infrastructure demanding the highest assurance across long-distance, high-throughput environments.



- Shields data directly at the optical layer, eliminating interception risks before network processing
- Prevents sophisticated signal tapping and data reconstruction attacks that bypass traditional security
- Secures 100–400Gbps fibre communications at full performance, with zero bandwidth or latency penalty

DiskCrypt

Portable Encrypted Storage

DiskCrypt delivers full-disk encryption for laptops, workstations, and removable media, purpose-built for defence and government operations. Advanced cryptographic hardware and smartcard-based two-factor authentication ensure data security even in high-risk or loss scenarios — supporting secure mobility, regulatory compliance, and mission-critical workflows.

- High-capacity, portable encrypted storage — up to 8TB per device
- Smartcard-enabled two-factor authentication for robust access control
- Certified AES-256 XTS hardware encryption (FIPS 140-2 Level 3)



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WiZ-Knight

Portable Encryptor

WiZ-Knight empowers defence and government teams with secure, portable Wi-Fi encryption for remote and mobile missions. This compact dongle isolates devices from untrusted networks and encrypts all wireless traffic, ensuring sensitive data stays protected on public or unsecured Wi-Fi networks. Built for tactical and forward-deployed operations, it delivers robust, field-ready security wherever the mission goes.

- Palm-sized encryptor for secure field deployment
- Hybrid post-quantum key exchange defends against next-generation threats
- AES-256 encrypted wireless connectivity over any network



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Cybersecurity System Engineering and Solutions



Threat Content Development

Comprehensive Threat Detection Use Cases

Threat content development transforms raw intelligence into actionable detections, ensuring organisations stay ahead of evolving threats. By mapping curated threat profiles to the MITRE ATT&CK framework and converting them into standardised Sigma rules, the approach delivers consistent, portable detection logic that can be rapidly adapted for any security platform.

- Intelligence-driven detection rules tailored to specific threats
- Seamless integration with diverse security technologies
- Enhanced visibility through MITRE ATT&CK mapping



Cyber Threat Intelligence (CTI)

Enabling Threat Intelligence-led Operations

AI-driven cyber threat intelligence platform automatically processes vast, multilingual data streams using advanced Natural Language Processing. By converting raw intelligence into clear, context-rich insights, it empowers security teams to make faster, more informed decisions in both operational and strategic scenarios.

- End-to-end automation for rapid intelligence delivery
- Multilingual NLP for comprehensive global coverage
- Actionable, context-aware insights tailored to security needs



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Command and Control Dashboard (C2 Dashboard)

Elevating Cyber Situational Awareness

The C2 Dashboard transforms operational complexity into actionable clarity, providing defence, government, and critical infrastructure teams with real-time prioritised insights. By leveraging advanced cognitive visualisation, it empowers rapid threat assessment and confident decision-making in the most demanding mission environments.

- Human-centred design for intuitive workflows
- Proven command and control methodologies
- Cognitive visualisation dashboard for rapid, clear insight



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Agentic AI SOC

Autonomous AI agents proactively transform cybersecurity operations by rearchitecting SOC workflows and executing real-time threat detection, incident response, and investigations at machine speed — reducing handling times, eliminating blind spots across critical infrastructure, and freeing analysts to focus on high-value strategic initiatives.

- Goal-oriented AI agents dynamically coordinate complex workflows to neutralise threats with machine-speed precision
- Expert human intuition guides autonomous reasoning to proactively disrupt attacks before they impact operations
- Eliminates blind spots by correlating deep-dive insights across critical infrastructure and diverse cloud environments



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AICYMO

Autonomous AI agents proactively transform cybersecurity operations by rearchitecting SOC workflows and executing real-time threat detection, incident response, and investigations at machine speed — reducing handling times, eliminating blind spots across critical infrastructure, and freeing analysts to focus on high-value strategic initiatives.



Cybersecurity Managed and Professional Services

Managed Security Services Provider (MSSP)

Managed Detection & Response (MDR) service provides round-the-clock, proactive protection against cyber threats. By combining advanced analytics, digital forensics, and rapid incident response, we ensure your organisation stays ahead of attackers and minimises risk. With actionable threat intelligence, we not only detect and contain security incidents quickly but also help you maintain business continuity and confidence.

- 24/7 proactive threat hunting and rapid response
- Advanced behavioural analytics and digital forensics
- Actionable threat intelligence with end-to-end protection

Cloud Investigation and Response Automation (CIRA)

Cyngular Thirdhub empowers organisations with proactive, AI-driven detection and response across complex, multi-cloud environments. By continuously analysing identity, network, API, and workload activity, it delivers real-time, actionable insights to stop threats early, reduce operational overhead, and strengthen security posture. Designed for cloud-native architectures, it ensures rapid investigation, contextual awareness, and decisive incident response.

- Real-time correlation and detection of sophisticated cloud threats
- Automated investigation and rapid, actionable response
- Deep contextual insights and root cause analysis for confident decision-making

Vulnerability Assessment & Penetration Testing (VAPT)

VAPT combines automated intelligence with hands-on testing to uncover vulnerabilities across networks, wireless infrastructures, and mission-critical applications.

Replicating real-world adversary tactics, it validates risks and assesses true mission impact — empowering organisations to safeguard operational environments and maintain resilience against an evolving threat landscape.

- True-to-life adversary simulation
- Focus on real exploitability, not just theoretical risk
- Actionable remediation guidance for resilient operations



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Cyber Wargaming Platform

Cyber wargaming is a versatile platform that provides a secure enterprise environment. It integrates live-firing simulated cyber exercises and drills, gamified team and self-learning experiences, and a Training Management System (TMS) into a comprehensive solution. This platform enables organisations to enhance their cybersecurity capabilities, including incident response, disaster recovery, threat hunting, and other critical areas in the face of real-world threats.

- Immersive, end-to-end cyber training
- Bridges gap between theory and real-world action
- Team-based and individual gamified exercises for measurable skills growth



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