

**Built for the Battlefield.  
Designed for Tomorrow.**



**Stingray Tec**

02. Leadership Insight

- Foreword
- CEO's Message

05. Mission & Identity

- Who We Are
- Our Purpose
- Our Values

09. Strategic Strengths

- Business Ecosystem
- People & Culture
- Affiliates & Partners
- Global Presence
- Customer Trust
- Certifications

16. Core Capabilities

- Command & Control Systems
- Communication Systems
- Weapon Systems
- Ruggedized Enclosures
- Combat System Integration
- Robotics & Unmanned Autonomous Systems





# Leadership Insight

**03. Foreword**

**04. CEO's Message**

# 01

# Engineering the Future, Securing the Present.



## Foreword

### Welcome to the Mission Ahead

Technology is reshaping how the world secures its borders, protects its infrastructure, and prepares for what comes next. From military missions to digital transformation, systems today must do more than operate, they must anticipate, adapt, and endure.

At Stingray Tec, we build for that standard. Driven by research, we design and deliver mission-grade technologies that perform with precision in demanding environments and scale with purpose. Our platforms serve across land, sea, air, and cyber — supporting defence forces, governments, and critical industries.

Driven by R&D, powered by local expertise, and engineered for complexity, our work reinforces national resilience and advances the frontier of technology. It reflects what we've built, how we think, and where we're headed, not just to match the future, but to define it.



Clear Vision.  
Precise Action.



## CEO's Message

At Stingray Tec, our commitment has always been clear:

- To safeguard freedom through innovation.
- To eliminate blind spots in defence driven operational systems.
- To create solutions that adapt before challenges arise.

Our growth over the past two decades reflects a singular focus: building systems that endure complexity, scale with purpose, and deliver certainty where it's needed the most. We approach every challenge with intent, blending military-grade discipline with global agility to meet evolving demands across the defence landscape.

As our work expands into emerging technologies and interconnected domains, one thing remains constant: we build to perform, protect, and endure.

**Rear Admiral (R) Ather Saleem**  
Chief Executive Officer  
Stingray Tec





06. Who We Are

07. Our Purpose

08. Our Values

**Mission &  
Identity**

02

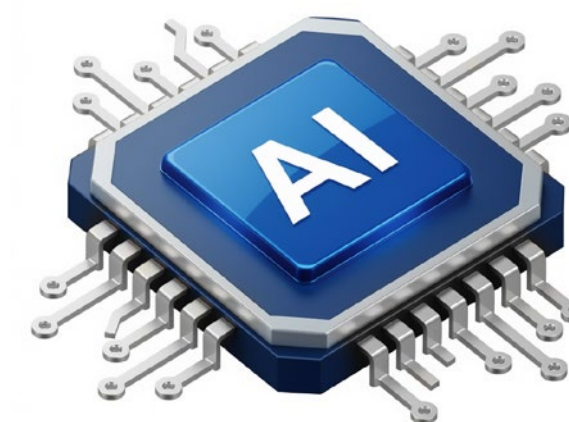
# Military Precision. Tactical Agility.

## Who We Are

We engineer mission-ready systems that strengthen command, safeguard sovereignty, and empower defence forces across every domain.

Stingray Tec is a trusted technology partner to armed forces. With over two decades of experience across land, air, sea, and cyber, we develop state-of-the-art systems that enhance situational awareness, accelerate decision-making, and deliver operational superiority in high-stakes environments.

Our legacy builds upon resilient defence platforms, intelligent command systems, and integrated weapon solutions — engineered for precision, reliability, and control.



## Command with Clarity. Engineered to Endure.



## Our Purpose

Grounded in engineering integrity, we deliver technologies that protect, empower, and advance every environment we serve.

### VISION

To engineer secure, intelligent, and future-ready technologies for tomorrow.

### MISSION

To empower defence and commercial ecosystems through intelligence-driven technologies that protect nations, optimise industries, and shape a secure, connected future.



## Our Values

Driven by Agility.  
Built on Innovation, Autonomy, and Trust.

# A

### ADAPTABILITY

We believe adaptability is strength. The ability to adjust with clarity and precision ensures our systems perform in every environment and in every mission condition.

# G

### GROWTH

We believe growth is built on purpose. By uniting expertise, technology, and partnerships, we amplify performance and create lasting impact across every domain.

# I

### INNOVATION

We believe innovation must endure. It is engineered through research, refined by expertise, and delivered to meet the demands of today and tomorrow.

# L

### LEADERSHIP

We believe leadership is proven, not claimed. It is earned by setting uncompromising standards, inspiring confidence, and performing where it matters most.

# E

### EXCELLENCE

We believe excellence is our baseline. From design to deployment, we pursue performance that adapts, endures, and sets new operational benchmarks in every strategic mission.

- 10. **Business Ecosystem**
- 11. **People & Culture**
- 12. **Affiliates & Partners**
- 13. **Customer Trust**
- 14. **Global Presence**
- 15. **Certifications**

**Strategic  
Strengths**

**03**

## Forging Strategic Alliances. Advancing Defence Capability.

## Business Ecosystem

Stingray Tec operates through a robust ecosystem of aligned partners and specialised industries that strengthen its mission across Defence, IT, and Security domains.

At the heart of this ecosystem lies the Business Partners Management System, a structured and transparent framework designed to identify, evaluate, and engage high-performing partners.

Each partnership begins with application and pre-evaluation. Once qualified, companies undergo a detailed assessment, scoring, and classification based on operational strengths and capabilities. Finalised partners enter into contracting agreements and are continuously evaluated on performance and contribution.

This system ensures fairness, accountability, and alignment — enhancing domestic participation, driving local value creation, and enabling the growth of technologies engineered to lead.

At every stage, the focus remains on quality, reliability, and performance — creating a competitive edge that benefits both partners and clients.



Powered by Discipline.  
Defined by Growth.

## People & Culture

We cultivate a culture grounded in discipline — where precision, accountability, and mission-focus are embedded into how we think and operate.

Every challenge is met with a problem-solving mindset — where initiative meets expertise, and complexity becomes a catalyst for innovation.

Growth at Stingray Tec is purposeful. We invest in mastery through continuous learning, cross-domain exposure, and real-world engineering. Whether developing tactical defence systems or advancing cyber technologies, our pursuit of excellence never pauses.

Our teams are empowered to lead with clarity, act with autonomy, and deliver with pride. It's not just about doing the work, it's about mastering your craft, knowing why it matters, and driving impact where it counts.

This is how we build systems that perform, and people who endure with purpose.



Strength in Partnership.  
Unity in Purpose.

# Affiliates & Partners

Stingray Tec’s network of affiliates forms a vital part of our integrated ecosystem, partners and institutions aligned with our mission to engineer secure, adaptive, and next-generation digital technologies.

Together, we extend capability across defence, infrastructure, and enterprise domains — combining indigenous strength with global collaboration.

Through our vast network of partners, we integrate specialised expertise, advance innovation pipelines, and reinforce national resilience, ensuring every system we build performs with precision, protects with intent, and endures with integrity and purpose.



Trusted by Missions.  
Proven by Performance.

## Customer Trust

Trust is not declared — it is earned through performance, consistency, and integrity.

For over two decades, Stingray Tec has built that trust by delivering mission-ready systems that perform in the world's most demanding environments. Our technologies have supported defence forces, government agencies, and critical industries with solutions that protect, connect, and endure.

Every partnership begins with understanding — of objectives, environments, and risks. From first consultation to full deployment, we work alongside our customers to ensure clarity, accountability, and operational success at every stage.

That's why our partners don't just rely on our systems, they rely on our word.



## Engineering Beyond Borders.



## Global Presence

Stingray Tec's technologies are deployed worldwide, empowering defence forces and governments across land, sea, air, and cyber domains.

From mission-critical defence platforms to integrated combat solutions, our systems are trusted across five continents — proven in the corridors of power and performance.

Our global footprint reflects more than reach, it demonstrates capability, consistency, and confidence in every mission.

By combining indigenous expertise with global collaboration, we deliver technologies that perform with precision and stand resilient where security, adaptability, and reliability are paramount.



# Standards that Define. Trust that Endures.



## Certifications

World-class practices powered by advanced R&D, recognised by global defence and security authorities.

Our certifications adhere to international standards — demonstrating our commitment to quality, security, and performance.

Every Stingray Tec system is engineered to meet global benchmarks, ensuring mission-ready reliability and operational excellence in the most demanding environments.



# Core Capabilities

- 17. **Command & Control Systems**
- 21. **Communication Systems**
- 25. **Weapon Systems**
- 30. **Ruggedized Enclosures**
- 34. **Combat System Integration**
- 36. **Robotics & Unmanned Autonomous Systems**

04



Decisive Control.  
Unmatched Clarity.

## Command & Control Systems

Engineered for modern missions, Stingray Tec's Command & Control Systems integrate sensors, weapons, and platforms into one unified network, delivering real-time intelligence, rapid decision-making, and complete mission-critical readiness.

Stingray Tec's Command & Control Systems give naval and joint forces the tactical edge, fusing sensors, weapons, and platforms into an intelligent combat architecture.

From battlespace awareness to platform survivability, our systems enable informed command, faster response, and resilient control under the harshest conditions.

Built for operational superiority, these solutions ensure ships and crews act with precision, confidence, and absolute mission assurance.

# Command Smarter. Strike Sharper.

From MPACs to frigates, NCMS fuses sensors, weapons, and tactical links into a single combat-ready framework, enabling rapid detection, evaluation, and engagement.



## NCMS®

### Naval Combat Management System

The Naval Combat Management System (NCMS) is a mission-critical command platform engineered to give modern surface fleets a decisive tactical edge.

Proven across multiple naval deployments, NCMS delivers unmatched situational awareness, faster command decisions, and resilient mission continuity — empowering fleets to dominate across domains: in the air, on the surface, and below.

Built on a modular, scalable, and cyber-secure architecture, NCMS ensures interoperability, reliability, and sustained superiority in every mission-critical operation.

### Core Capabilities

Common Operational Picture (COP) with advanced track fusion

Real-time threat evaluation and automated weapon assignment

Tactical data link support for interoperability across forces

Integrated radar overlay, training, and replay tools

Modular, fault-tolerant architecture for multi-domain operations



# Total Control. Seamless Command.

From propulsion and power to hull integrity and damage control, IPMS integrates every platform system into one secure, fault-tolerant network — ensuring uninterrupted operability in mission-critical conditions.



## IPMS®

### Integrated Platform Management System

The Integrated Platform Management System (IPMS) provides centralised control, monitoring, and supervision of all vital shipboard systems.

Engineered for modern fleets, IPMS enables naval operators to maintain full control, resilience, and confidence under pressure — maximising vessel readiness, safety, and survivability in combat and high-stakes operations.

Designed around a scalable and cyber-secure framework, IPMS ensures continuous performance, streamlined integration, and reliable operability across all platforms.

### Core Capabilities

Real-time monitoring of propulsion, auxiliary, and electrical systems

Centralised damage control and hull integrity management

Scalable, modular, and software-driven architecture

Emergency backup and fault-tolerant architecture

Open-standard technologies for secure interoperability

Integrated and distributed control across all ship systems



# AI-Driven Awareness. Real-Time Control.

From sensors to command, Phylax-ISR fuses data from radar, EO/IR, AIS, and satellite feeds into a single operational picture — empowering commanders with clarity, speed, and tactical advantage.

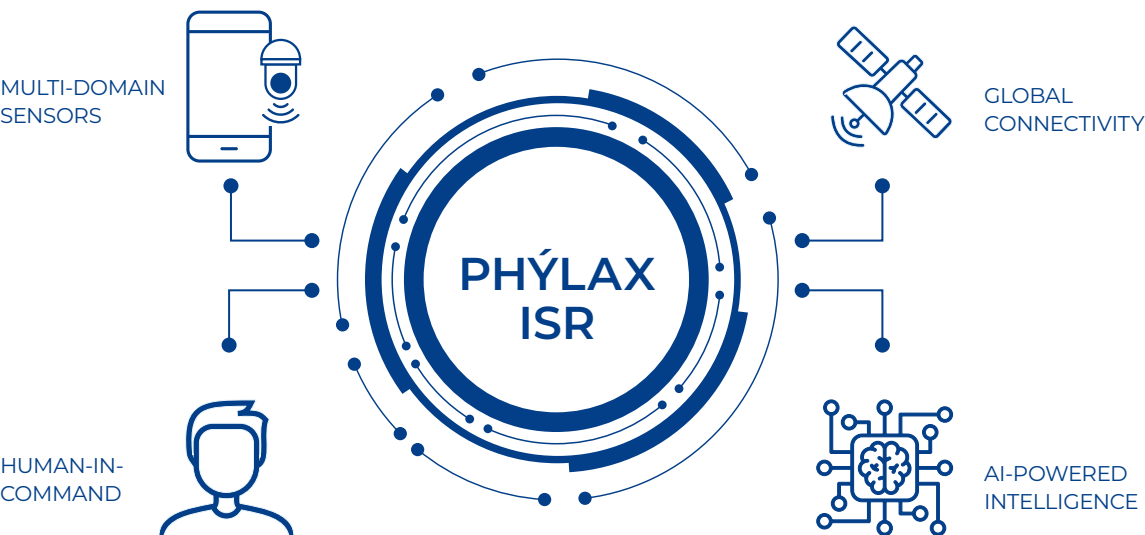


## Phylax-ISR® Intelligence, Surveillance, and Reconnaissance

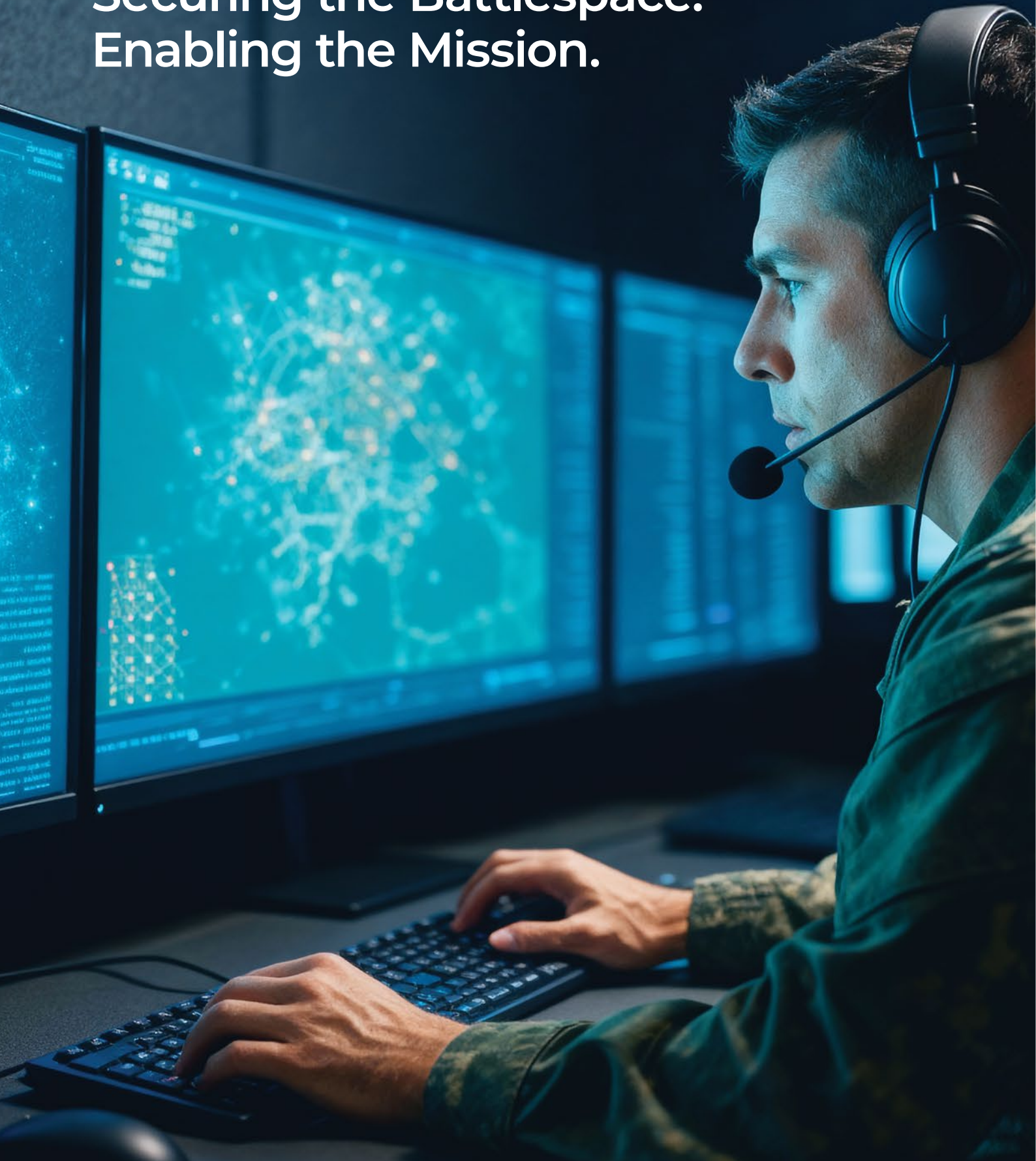
Phylax-ISR is an advanced, multi-domain Intelligence, Surveillance, and Reconnaissance platform engineered for maritime, land, and airborne operations. It serves as the eyes and ears of modern defence — enabling commanders to detect, analyse, and respond to evolving threats with clarity and speed.

Powered by AI and multi-sensor fusion, Phylax-ISR unifies radar, EO/IR, AIS, SIGINT, and satellite data into one intelligent picture, delivering real-time awareness and predictive threat intelligence.

- Core Capabilities
- Multi-Domain Sensor Fusion
  - Target Detection & Classification
  - AI-Based Anomaly Detection
  - Maritime & Border Surveillance
  - Real-Time Threat Analysis
  - Predictive Intelligence & Forecasting
  - Dark Activity Monitoring
  - Tactical Recording & Replay
  - Role-Based Access Control (RBAC)
  - Mission Planning & Execution
  - Full ISR Cycle Support
  - 2D / 3D Geospatial View



## Securing the Battlespace. Enabling the Mission.



## Communication Systems

Built to secure the battlespace, Communication Systems ensure seamless, encrypted connectivity across all domains, maintaining clarity, resilience, and control when every second matters.

In modern warfare, communication is the backbone of command. Our secure, resilient, and mission-ready systems connect forces across sea, air, land, and unmanned domains — ensuring uninterrupted interoperability and uncompromised security.

From tactical data links and integrated telephony to mobile and remote connections for unmanned platforms, these systems deliver real-time coordination and rapid data exchange where clarity and speed are mission-critical.

With communication that endures, we keep forces informed, synchronised, and ready — when every second matters.

# The Backbone of Tactical Coordination

Engineered to ensure precision, speed, and resilience, Link Green strengthens command and control with secure communication over HF, UHF, and SATCOM media.



## Link Green®

### Tactical Data Link

Indigenously developed by Stingray Tec, the Tactical Data Link, Link Green delivers seamless information exchange across all combat units.

Link Green enhances operational coordination, mission flexibility, and resilience in contested environments ensuring seamless connectivity, rapid responsiveness, and decisive control on the battlefield.

### Core Capabilities

Ad-Hoc network with no single point of failure

Multi-network 'Super Network' capability

Late Network Entry (LNE)

Congestion management

Automatic routing and relay functions

Dynamic Time Division Multiple Access (DTDMA)

Line-of-Sight (LOS) and Beyond-Line-of-Sight (BLOS) communication

Comprehensive software suite for track management, weapon coordination, messaging, and network monitoring



## Seamless Connectivity. Real-Time Control.

Designed for operational clarity and resilience, Integrated Telephony & Tactical Communication delivers secure internal communication, external connectivity, and seamless integration with alarms, broadcasts, and auxiliary systems.



## Integrated Telephony & Tactical Communication

Stingray Tec's Integrated Ship Telephony & Tactical Communication System delivers unified voice, data, and broadcast solutions for vessels of all classes, from patrol boats to large warships.

By consolidating shipboard and external communications into a single, modular platform, the system ensures mission-critical coordination, crew efficiency, and rapid response under any condition.

### Core Capabilities

- Integrated Communication Control System (ICCS)
- Centralized Communication Management System (CCMS)
- Voice Communication System (VCS) with two-way connectivity
- Public address and onboard entertainment
- Radio/television distribution and CCTV integration
- Auxiliary equipment support (modems, ciphers, shore connection)
- Emergency intercom and LAN-based networking

### Ruggedized Performance

Operating range:  
-10°C to +55°C

Built to MIL-STD-810 &  
MIL-STD-461 standards

EMC-compliant  
(IEC 61000-6-4)



## Uninterrupted Control. Real-Time Intelligence.

Purpose-built for unmanned missions, the system delivers real-time situational awareness through robust waveforms and integrated sensor networks.



## Mobile / Remote Data Links

Stingray Tec's Mobile / Remote Data Links are engineered for UAVs and USVs, providing secure, high-bandwidth command, control, and information exchange.

By combining control, video, and telemetry into a single resilient link, these systems empower operators with continuous command and actionable intelligence — even in contested environments.

### Core Capabilities

Single command & control link with RC, HD video, and telemetry

Secure OFDM/COFDM-based waveform for resilient data transfer

Aeronautical map display with UAV position and live onboard sensor feed

Optimized for long-range unmanned operations



# Lethal Firepower. Mission-Grade Precision.

## Weapon Systems

Designed to deliver precision and dominance, Weapon Systems combine accuracy, agility, and advanced control — transforming every platform into a mission-ready combat force.

Stingray Tec's Weapon Systems are engineered to deliver unmatched accuracy, modular lethality, and battlefield superiority across naval and ground domains.

From advanced fire-control for submarines to stabilised, remote-operated weapon stations for ships and vehicles, our solutions ensure every platform achieves mission-ready performance and decisive effect.



# Precision in the Deep. Power on Demand.

Designed for precision and speed, it delivers seamless monitoring, selection, and weapon launch capability across complex underwater combat environments.



## FCS® Fire Control Systems

The Stingray Tec Fire Control System (FCS) is engineered for submarine platforms, delivering advanced multi-weapon integration and decisive control in high-stakes underwater missions.

By combining accuracy, speed, and resilience, Stingray Tec's FCS transforms submarines into agile strike platforms, capable of responding instantly and effectively to both underwater and surface tactical threats.

- Core Capabilities**
- Multi-weapon and torpedo tube integration
  - High-precision targeting and threat engagement
  - Rapid and reliable launch protocols
  - Intuitive, operator-focused GUI
  - Modular, upgrade-ready architecture
  - Fault-tolerant redundancy for mission continuity
  - Proven reliability under combat pressure
  - Full integration with CMS and onboard sensors



# Precision in the Deep. Power on Demand.

Built to integrate sensor data, navigation, and fire control, delivering faster command response and lethal accuracy in every underwater engagement.



## SEALS®

### Submarine Engagement and Attack Logic System

A mission ready, unified platform that integrates acoustic and non-acoustic sensors, optimises command and control, and delivers decisive weapon engagement capability for submarine operations. It compiles a real time tactical picture, manages tracks, analyses threats, and provides commanders with clear decision support to act with confidence in complex and contested environments.

#### Core Capabilities

- Operator and Command Consoles
- Redundant Power Distribution Units
- Data Processing and Distribution Cabinets
- Sensor Interface Units
- Captain Terminal
- Remote Display Unit
- Fire Control Systems
- Local Firing Panel
- Local Tube Controller & Forward Weapon Control Cabinet



# Unmatched Firepower for Naval Platforms.

Designed to withstand the harshest sea states, it delivers precise, remote-controlled lethality against surface and aerial threats.



## RCWS® Vessel Mount

Remote Controlled Weapon System

The RCWS 12.7mm Vessel Mount is a compact, stabilised weapon station engineered for maritime precision and superiority.

It empowers patrol vessels, fast-attack craft, and coastal defence ships with enhanced survivability, precision, and combat dominance.

With advanced stabilisation and remote precision, the RCWS Vessel Mount transforms naval platforms into mission-ready combat assets, capable of responding instantly and decisively to dynamic maritime critical threats.

### Core Capabilities

Fully remote-operated for safe, off-deck engagement

Supports 12.7mm, 25mm, and 30mm heavy machine guns

Automatic target detection and tracking

Dual-axis gyro-stabilisation for sea-state accuracy

Advanced EO/IR sensor suite with day/night capability

Integrated ballistic calculator and laser rangefinder

Adaptable to multiple vessel classes



## Mission-Ready Firepower for Ground Forces.

Designed for mobility and precision, the RCWS Vehicle Mount delivers modular firepower with rapid, accurate engagement — empowering ground forces while ensuring crew protection.



## RCWS® Vehicle Mount

Remote Controlled Weapon System

The RCWS Vehicle Mount delivers decisive firepower through a lightweight, roof-penetration-free design engineered for superior mobility and field reliability.

Engineered for AFVs, MBTs, and tactical vehicles, it ensures operator protection while enabling precise, stabilised engagement — even on the move in challenging terrain.

### Core Capabilities

Seamless integration with C2 and vehicle systems

Multi-weapon compatibility:  
7.62mm MG, 12.7mm MG,  
30mm cannon, 40mm AGL

Stabilised for accurate,  
on-the-move engagements

High hit probability in urban,  
desert, and mountainous terrain

Fully modular architecture  
adaptable to diverse vehicles

Advanced EO/IR sensor suite  
with day/night capability

Integrated ballistic calculator  
and laser rangefinder



## Engineered Protection. Mission-Ready Performance.

### Ruggedized Enclosures

Designed and developed to protect mission-critical electronics, Stingray Tec's Ruggedized Enclosures are engineered to military standards for vibration, impact, and temperature. Each unit is built for endurance, ensuring reliable performance across harsh and critical environments.

These enclosures safeguard vital systems against shock and stress, maintaining operational stability where failure is not an option. Their robust construction guarantees consistent functionality in mission-critical conditions.

Built with defence-grade durability, Ruggedized Enclosures ensure secure and reliable operation of consoles, cabinets, and displays, delivering clarity, control, and confidence in every mission.

## Command Without Compromise.

From open-sea missions to secure command centres, Stingray Tec's Multi-Function Console empowers operators with precision, adaptability, and sustained performance — delivering complete control in every mission-critical scenario.



## Multi-Function Consoles

The Stingray Tec Multi-Function Console is a ruggedized, modular solution engineered for the demands of modern defence and maritime operations. Designed to integrate seamlessly with C4I systems, radars, sonar, chart displays, and weapon interfaces, it provides clear command visibility and rapid responsiveness across every operational domain.

Compact yet powerful, the console combines mission-ready reliability with operator-focused ergonomics — ensuring endurance through extended deployments, enhanced situational awareness, and absolute confidence in command execution.

### Core Capabilities

High-performance Intel® i9 processor & NVIDIA® Quadro® GPU with 896 CUDA cores

Ruggedized, modular architecture tailored to mission-specific adaptability

Ergonomic, operator-focused design for extended operations

MIL-STD-810 certified for shock, vibration, and environmental resilience

Wide operational envelope: -5°C to +55°C, operational relative humidity up to 95% at +45°C



## Resilient Housing. Reliable Performance.

Engineered for durability and precision, Stingray Tec's Electronic Cabinets ensure mission-critical electronics remain secure, stable, and reliable in demanding marine conditions.



## Electronic Cabinets

The Stingray Tec Electronic Cabinet is a ruggedised enclosure designed to safeguard essential electronics in extreme maritime environments. Built to endure humidity, vibration, temperature fluctuations, and corrosive exposure, it maintains operational integrity where reliability is non-negotiable.

Constructed with corrosion-resistant materials and a moisture-proof framework, each cabinet meets defence-grade standards for endurance and safety. Its robust design guarantees continuous system performance, even under the harshest operating conditions.

### Core Capabilities

Ruggedised, fully enclosed, moisture-proof architecture

Modular and customisable design for diverse platform needs

Integrated cable management and secure mounting for system stability

MIL-STD-810 compliance: shock, vibration, and environmental resilience

Operational range: -5°C to +55°C, operational relative humidity up to 95% at +45°C



# Clear Data. Instant Awareness.

Enhances awareness and decision-making through fast, reliable access to mission-critical data.



# Multi-Functional Displays / Repeaters

Stingray Tec’s Multi-Functional Displays (MFDs) and Repeaters deliver real-time navigation, weather, timing, and system data to critical shipboard stations — from the bridge to command centres.

Built for naval resilience, these displays ensure uninterrupted visibility and situational awareness in the most demanding conditions. Ruggedised and reliable, they empower commanders and crew with instant, actionable information, where clarity and timing matter most.

## Core Capabilities

- Real-time, high-reliability data display
- Configurable inputs and visualisation modes
- High-resolution, anti-glare screens with day/night toggle
- Compliance with multiple maritime communication protocols





Unified Architecture.  
Seamless Execution.

## Combat System Integration

Crafted to unify complex technologies and integration services, the Combat System ensures complete interoperability, enabling platforms to operate as one cohesive, combat-ready entity.

Stingray Tec's Combat System Integration Services bring together diverse sensors, weapons, and communication suites into a single, cohesive operational entity.

Our engineers design and integrate systems for interoperability, scalability, and precision control, ensuring ships, submarines, and command centres operate as one synchronised force. Whether upgrading legacy platforms or developing next-generation vessels, we deliver integration that enhances combat capability, reduces complexity, and maximises mission efficiency.

# Integrated Systems. Unified Command.

As Combat System Integrator (CSI), Stingray Tec leads the design, planning, acquisition, and upgrade of advanced combat suites for naval platforms.



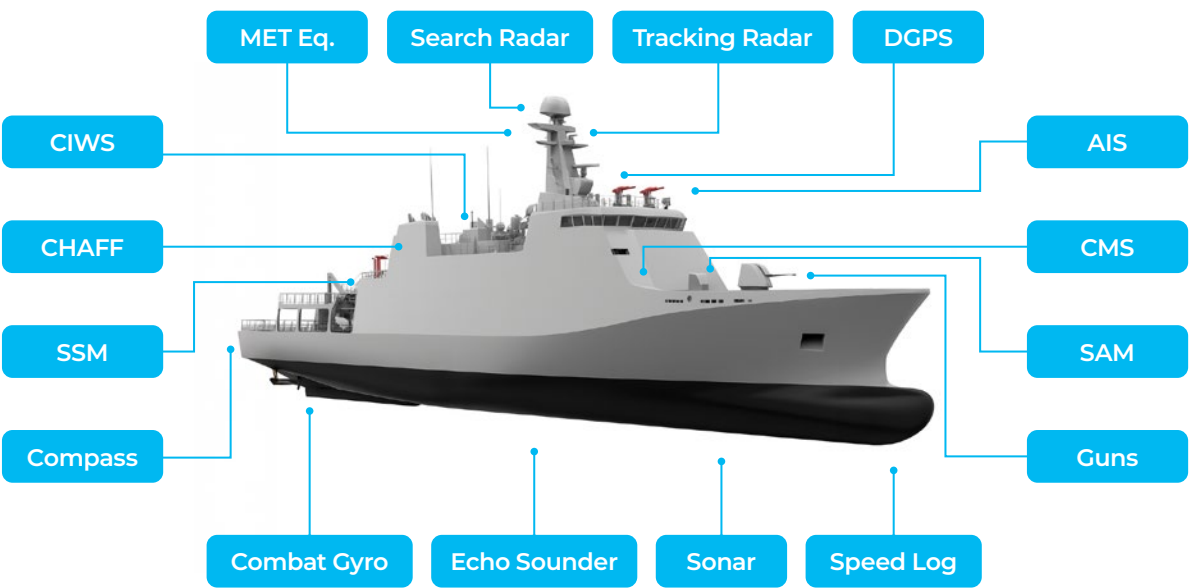
## CSI® Combat System Integration Services

We ensure seamless system-to-platform and system-to-system integration of weapons, sensors, and systems, transforming individual components into a cohesive combat suite.

With proven expertise on missile boats, corvettes, offshore patrol vessels, and frigates, Stingray Tec has delivered successful acquisition and modernization programs for the Pakistan Navy in collaboration with global shipyards and OEMs.

Our CSI services extend combat suite lifecycles, maximise combat power, and ensure operational superiority.

- Core Capabilities
- Design & implementation of Combat Suites aligned to CONOPS
  - Development of integration requirements & ICDs
  - Combat, Navigation & Video Highways design and implementaion
  - Ops room layout, EMC planning and topside design
  - Integration of legacy sensors, systems and weapons
  - End-to-end integration trials and technical support



## Autonomy in Motion. Intelligence in Action.

## Robotics and Unmanned Autonomous Systems

Optimised for the future battlespace, Stingray Tec's Unmanned and Autonomous Systems combine autonomy, intelligence, and endurance, extending mission reach while reducing operational risk.

Advancing the future of naval warfare, Stingray Tec's Robotics and Unmanned Autonomous Systems are designed to extend operational reach, reduce risk, and enhance precision.

From unmanned surface and sub-surface vessels to autonomous mission payloads, our solutions integrate AI-driven navigation, resilient communication links, and adaptive control architectures to deliver consistent performance in the most demanding environments.

Engineered for persistence, intelligence, and interoperability, these systems enable mission success beyond human limits.

## Persistent Presence. Force Multiplier.

Built for extended operations in contested or remote waters, the USV reduces personnel risk while expanding mission reach, endurance, and versatility.



## USV<sup>®</sup>

### Unmanned Surface Vessel

Stingray Tec's Unmanned Surface Vessel (USV) is engineered for next-generation maritime operations, delivering autonomous endurance, precision navigation, and modular adaptability.

With its compact yet powerful design, the USV enhances naval capability by enabling persistent surveillance, reducing operational complexity, and increasing mission flexibility across challenging maritime environments.

### Core Capabilities

Autonomous operation with minimal human intervention

Precision navigation, stability, and long-endurance performance

Modular design for system integration and future upgrades

Adaptable payloads for surveillance, security, or combat support

Reliable control architecture for real-time responsiveness



# Rugged. Modular. Mission-Ready.

Delivers precision, adaptability, and endurance  
in the harshest operational environments.



## UAV®

### Unmanned Aerial Vehicle

The next-generation UAV is engineered for tactical versatility across maritime and defence missions. Its variable payload capacity, marine-hardened avionics, and modular design ensure superior adaptability and sustained operational performance.

It extends reach, resilience, and tactical flexibility — enabling forces to project power, maintain situational superiority, and operate effectively in all-weather conditions.

### Core Capabilities

Payload flexibility 10kg to 50kg for ISR, logistics, or mission-specific kits

Mission specific kits includes but not limited to drone catcher, fire extinguisher, and airdrop bombs

Rugged marine design with IP45-rated motors and waterproof avionics

Modular build for quick upgrades, repairs, and role changes

25km operational range (extendable) with GNSS navigation and return-to-home failsafes

Lightweight, foldable structure for rapid deployment and portability

Optional obstacle avoidance for safer low-altitude missions

Optional trajectory and target tracking capabilities



# Smart. Rugged. Mission-Ready.

Delivers superior mobility and versatility — from reconnaissance and logistics to disaster response and industrial operations.



## UGV®

### Unmanned Ground Vehicle

The next-generation Autonomous UGV engineered for demanding military and dual-use missions. Built with AI-driven autonomy, rugged endurance, and modular payload capacity, it delivers unmatched adaptability across diverse terrains.

Empowers defence and security forces with a reliable, flexible ground platform, enhancing operational reach, reducing personnel risk, and ensuring mission continuity in complex environments.

### Core Capabilities

Outdoor navigation with precise positioning and movement tracking

Landmine detection through integrated metal-detector and ground-penetrating radar sensors

3D environmental mapping to identify obstacles and plan optimal routes

Multi-role functionality for surveillance, logistics, reconnaissance, and hazardous operations

Modular payload capacity up to 70kg for diverse mission requirements

Upgradeable power system for extended operational endurance

Secure remote operation with real-time control and monitoring





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