

modirum | GESPI



NEW STYLE OF DEFENCE

Excellence Across Land, Sea and Air



WHO WE ARE?

Modirum | Gespi

Who we are?



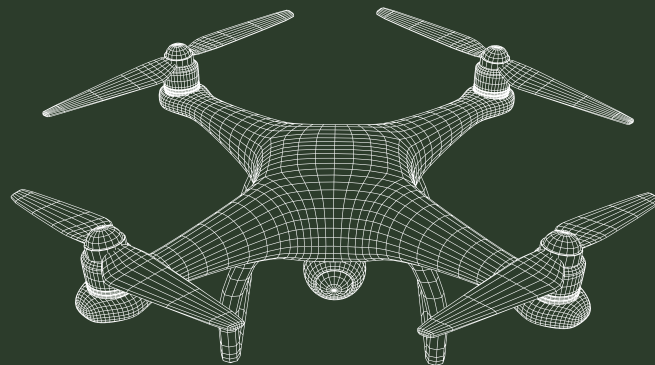
Modirum | Gespi is a leading technology provider specialising in the design, development and delivery of advanced systems to meet ever-increasing global **defence** challenges.

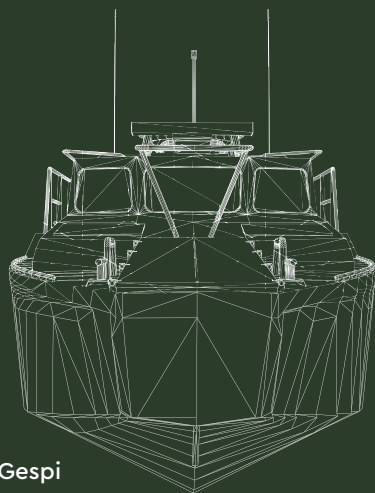
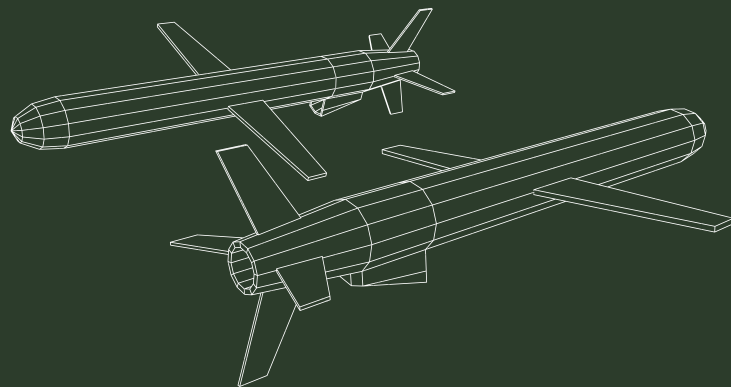
Our history is based on critical communications and **high-quality military** manufacturing.

WHAT WE DO?

We deliver AI-powered, fully integrated, turnkey solutions that help clients meet the evolving demands of modern defence and security.

Our expertise spans across advanced platforms like the **NSC3™ Tactical Command and Control**, enhanced with ISR (Intelligence, Surveillance, Reconnaissance) capabilities, to SISU.AI, our state-of-the-art UAS and **Air systems**, and extends to **Naval systems, Ammunition**, and specialised **Engineering and Consultancy services**.





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What we do?



OUR LEGACY

Modirum | Gespi

Our Legacy

WE ARE PART OF MODIRUM

A multinational company specialising in technology solutions for global Defence, Telecommunications, Critical Communications, Government and Banking sectors.

Years History

50+

Professionals

500

Countries

50+

Security Missions

1.3m+

Governments

25+

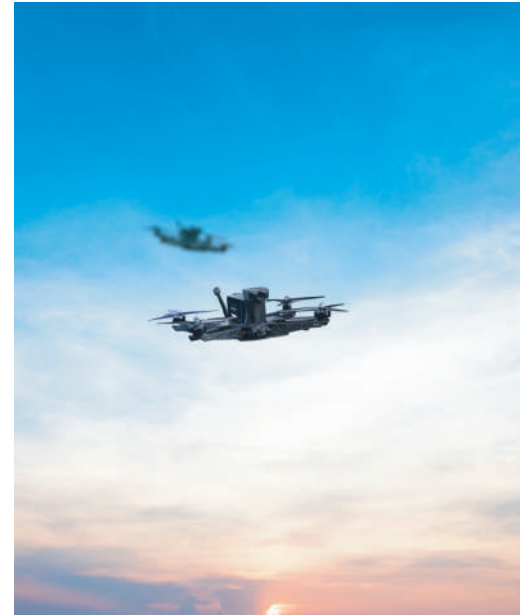
WE ARE A TRUSTED STRATEGIC PARTNER TO **GOVERNMENTS, LEADING BUSINESSES, AND FORTUNE 500 COMPANIES.**

- **Hosting Centers** in Norway and Estonia
- **Manufacturing capacities** in Brazil
- **Sales Offices** in Brazil, Finland, Austria, Cyprus, Estonia, United Arab Emirates, United Kingdom and USA
- **Support and Development** in Brazil, Finland, Estonia, Greece, India, Lithuania, Kenya, North Macedonia, Nigeria, Philippines, Pakistan, Singapore, South Africa and USA

OUR PRODUCTS

Modirum | Gespi

1. Command and Control



2. Air Systems

Our Products

3. Naval Systems



5. Engineering and Services



4. Ammunition



6. Electrification and Connectivity

Ocellott by Modirum | Gespi

1. COMMAND AND CONTROL

NSC3™

**Efficiency, agility and responsiveness
of military and security operations**

NSC3™ situational awareness and data management platform is designed to collect and process information from diverse sources, such as platforms and sensors operating across land, sea, air, space, and cyber domains.

NSC3™ integrates data from ISR (Intelligence, Surveillance, and Reconnaissance) assets, providing users with a clear operational picture to support timely and informed decision-making for both military and civil applications.



NSC3™ key benefits

Robust, adaptable solution powered by advanced technology and AI

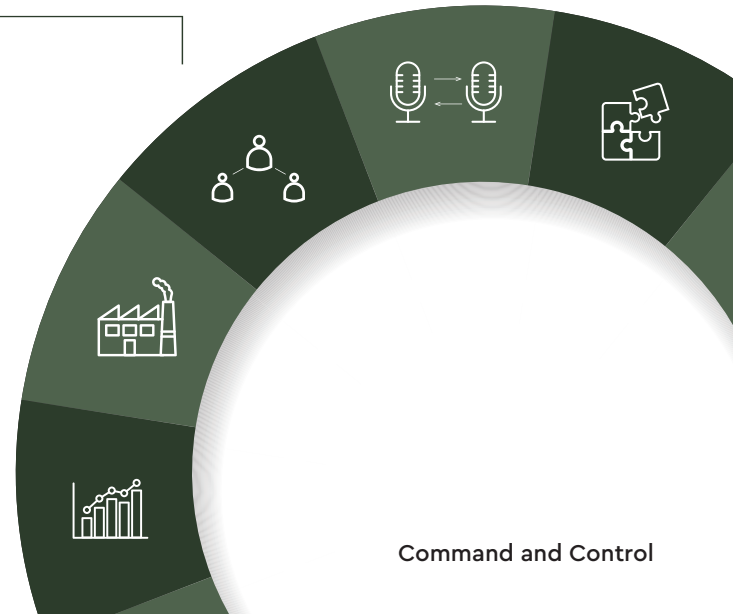
Provides a full-duplex Push- To-Talk feature,
eliminating the need for separate radio
equipment for voice communication

Open architecture
enables integration with any
third- party system or sensor

Supports top-to-bottom deployment
from the highest levels of command
down to the individual user

**Supports industry and
military standards**

**Capable of ingesting and
quickly analysing 1000+
concurrent video streams**



2. AIR SYSTEMS

SISU AI

Comprehensive AI-driven system
of autonomous UAV operations



Transforming battlefields with Unmanned Autonomous Vehicle Swarming and GNSS-Denied Navigation Technology

SISU AI combines advanced software, Unmanned Aerial Vehicle (UAV) platforms, sensors, and, if required, the necessary ammunition to enhance the UAV's operational capabilities.

SISU AI leverages AI to enable UAVs to operate as a coordinated swarm, executing missions independently and eliminating the need for human First Person View (FPV) pilots, even in Global Navigation Satellite System (GNSS)-denied environments. It supports Intelligence, Surveillance, and Reconnaissance (ISR), precision strike, and Battle Damage Assessment (BDA) missions.



Key Benefits

Operates **autonomously** and with **human-in-the-loop support** to reduce cognitive burden on operators

Supports various types of **sensors** and **payload**

Eliminates need for human **FPV pilots**



Can be delivered **with/without UAVs**

Operates in **GNSS-denied**
environments

Modular architecture - **reduced**
integration risk for customers

Open architecture - **supporting**
extension and/or integration with
third-party systems

3. NAVAL SYSTEMS

Aruanã boats

Armoured Military Boats

Aruanã Boats are lightweight, fast military platforms that can be configured and customised to meet the customer's requirements.

Manufactured following the highest standards and best practices in naval construction, these platforms are ideal for police and military operations.

Fully customized armored fast boats

Available model sizes from 20ft to 38ft with Outboard or Inboard Engines:

- I. Aruanã 38ft (Cabined)
- II. Aruanã 38ft (Central Console)
- III. Aruanã 29ft (Cabined)
- IV. Aruanã 29ft (Central Console)
- V. Aruanã 26ft (Central Console)
- VI. Aruanã 23ft (Central Console)
- VII. Aruanã 20ft (Central Console)

Key Features:

- ✓ ALUMINUM HULL, STEEL ARMOR
- ✓ WITH CENTER CONSOLE OR CLOSED CABIN

KEY BENEFITS

CUSTOMISATION

The boats can be customised according to the client's needs and mission, and can be configured for patrol, cargo transport, personal transport, rescue, etc.

MAINTENANCE

Labour to repair aluminium hulls can be easily found anywhere, or can be carried out by the customer themselves.

DURABILITY

Our boats are designed to meet military standards and are built to be used in hostile environments.

UNSINKABLE HULL

The hulls of our boats are manufactured with positive buoyancy and the interior is filled with closed-cell polyurethane.



The boats are designed to excel in a range of operations, including patrol, interception, cargo transportation, and search and rescue. With a customisable design, high durability, and advanced navigation systems, they are equipped to handle any mission.

The Aruanã features an unsinkable "V"-shaped hull made of naval aluminium, equipped with modern navigation, radio communication, and sonar systems. It is powered by a robust engine, enabling swift interceptions and effective patrols.



• PATROL • CARGO AND PERSONNEL TRANSPORT • INTERCEPTION • SURVEILLANCE • SEARCH AND RESCUE •

Equipment and Options

- GPS Plotter
- Radar
- Internal Communication System
- Night Vision and Thermal Vision
- Level III Armour
- Echo-Sonar
- VHF Radio
- Remote External Lighting
- Weapon Support



Customisable features:



Intercom System



Advanced Navigation Equipment



Radar and GPS



Customisable Durability and Manoeuvrability Features



Advanced Armour Options



Customisable Engine

4. AMMUNITION

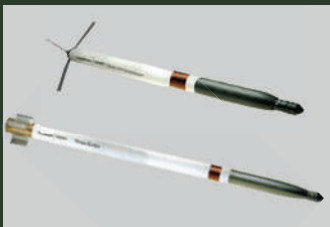
Ammunition

Design, integration, and
manufacturing expertise

- MK-8x series bombs
- 2,75in air-to-ground rockets
- Includes the aircraft armament systems
- 84mm disposable rocket launcher
- Holographic sights



- 155mm artillery ammunition
- UAV anti-tank payloads



MK 80 SERIES BOMBS AND COMPONENTS

Modirum | GESPI's MK 80 series bombs deliver high-explosive effects with NATO aircraft and guidance kit compatibility. Reliable and versatile, they meet MIL-STD and STANAG standards for precision strikes.

MK 80 SERIES BOMBS FUZES

Modirum | GESPI's M904 and M905 Fuzes provide reliable nose and tail arming for MK 80 series bombs. NATO-standard and highly configurable, they ensure precise detonation timing, enhancing mission flexibility and effectiveness.

STRIKE 70 - 2.75" (70MM) ROCKET AND COMPONENTS

Modirum | GESPI's Strike 70 mm Rocket (MK 40 and MK66) are high performance 70mm rockets designed and qualified for use in rotary or fixed-wing aircraft. Compatible with NATO launchers and guidance systems, they ensure precision and compliance with MIL-STD standards.



155MM ARTILLERY AMMUNITION

Modirum | GESPI's 155mm M107 HE delivers powerful, high-explosive firepower for targeting infantry, vehicles, and fortifications. Compatible with various howitzers, it ensures reliability and precision, meeting MIL-STD requirements for battlefield effectiveness.



155MM FUZES FOR M107 PROJECTILE

Modirum | GESPI's 155mm fuzes (M557 and M572) are impact-point detonating fuzes, designed for compatibility with 155mm ammunition. These fuzes fully comply with all NATO/STANAG standards. Electronic fuzes are also available.



HUNTER - 84

Modirum | GESPI's HUNTER-84 is a lightweight, combat-ready recoilless weapon system for engaging armored targets and bunkers. Pre-loaded and shoulder-fired, it delivers powerful HEAT or HESH rounds with high mobility and precision.



GPR-M55 LAND MINE

Modirum | Gespi's GPR-M55 is an anti-tank landmine designed to disable armored vehicles with a high-explosive blast. It features a central fuze assembly on a 7.8 kg charge in a plastic casing. The percussion-type fuze with an RDX booster activates at 500 kg but remains inert below 150 kg.



GSP WS20 MACHINE GUN MOUNT

Modirum | GESPI's GSP WS20 is a durable machine gun mount compatible with 7.62mm, 5.56mm, and .50 calibre weapons. Featuring a Level III ballistic plate, it provides enhanced operator protection and reliable performance in combat environments.



BDU 33 AND BDU 50 PRACTICE BOMBS

Modirum | GESPI's practice bombs deliver cost-effective training for pilots and crews, simulating real bomb deployment with inert materials and smoke signals.

5. ENGINEERING & SERVICES



Aircraft militarization

Design, integration and militarization of
aircrafts and aircraft hydrostatic systems

- Military helicopter militarization and weapon integration
- Military aircraft systems maintenance

Modirum | GESPI manufactures and develops
armament PODs, rocket launchers, and
armament control boxes for fixed-wing and
rotary-wing aircraft, converting them into
military aircraft capable of operating in military
missions with machine guns and 2.75-inch rockets.

5. ENGINEERING & SERVICES

Consultancy services

Tailored solutions and integration support for defense and public safety.

Trusted by government and civil organisations, our services are proven to empower efficient decision-making in the Defence and Public Safety sectors.



- System Integration
- System Installation
- On-Premises Technical Support
- In-Field Technical Support
- Remote Technical Helpdesk

Ocellott by Modirum | Gespi Solutions:



Tactical
Computer



Electrification
Solutions



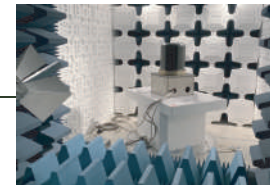
Military Radio
Batteries



Gunner and Driver
Display Unit



Aerospace
Solutions



Electromagnetic
Solutions

Ocellott by Modirum | Gespi

Key Benefits:

Endurance EPC

DCDC Power Converter

GDU / DDU

Gunner and Driver Display Unit

Ocellott by Modirum | Gespi modernizes armored vehicles with embedded electronics, providing tactical displays, gunner and driver display units, power converters, military batteries, and satellite communication (Satcom), ensuring efficiency and operational autonomy.

MCV-2000 / MCV-x86

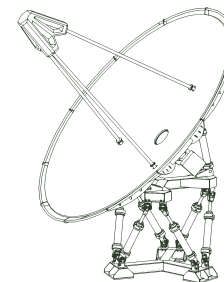
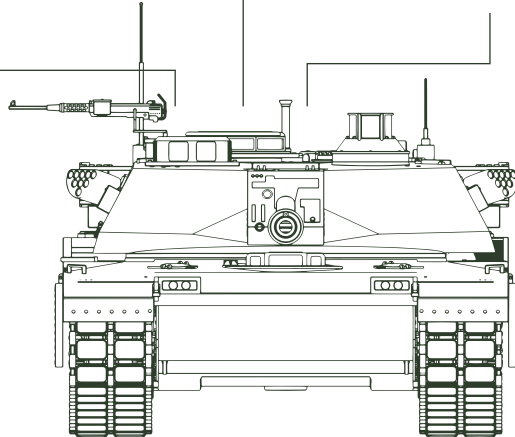
Tactical Computer

SCALH

Satcom

OCE-152

Military Battery





CONTACT US

As a global defence and security solutions provider with a global workforce, worldwide offices and a footprint spanning continents, we are here to address your enquiries and assist with your needs.

Connect with us to explore how we can support your goals.

Email us at:
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www.modirumgespi.com



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