

THE NEXT GENERATION
9LV NAVAL COMBAT SYSTEM

Striking performance

Striking performance for the Multi-Domain era

The 9LV Combat System was originally developed for operations in the Baltic Sea. A tactically demanding environment where high clutter, complex military geography and compressed tactical cycles constantly challenge the ability to detect, understand and act.

Today, the winds of transformation are creating new challenges across the naval domain. Autonomous systems, artificial intelligence, increasing missile speeds and faster decision cycles are changing the way naval forces operate. At the same time, distributed command and control and the growing need for integration across higher system-of-systems levels are making collaboration more important than ever.

This is the environment the next generation 9LV Combat System is built to adapt to. It provides complete C4I for naval platforms of any size. Designed to excel in combat, it delivers operational capability across mission types and warfare domains – from the extreme littorals to the open ocean, and across a distributed force of manned and unmanned resources. A Combat System designed to project power far beyond the traditional range of a naval vessel.

At the heart of the new solution is a data-centric architecture that makes adaptability part of the system itself. It enables the 9LV Combat Management System to seamlessly integrate information, systems and resources across the battlespace – supporting connectivity and collaboration as operational needs evolve, system boundaries expand and operations extend to assets and resources outside the ship itself.

This means the ability to bring together manned and unmanned resources, from the seabed to the stratosphere, while delivering the awareness, responsiveness and combat effectiveness required by the modern navy.

The next generation 9LV – built not only for the battlespace of today, but for the one that comes next.

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

The next generation 9LV Combat System

Saab provides a complete Combat System Solution, taking responsibility for the integration of the systems and capabilities required to create a fully operational combat system. The solution can include everything from combat management and weapon control to sensors, effectors, communications and other mission-critical capabilities.

9LV Combat System capabilities

Combat System Solution

Saab can act as Prime Contractor, supplying the platform and a fully integrated combat system. The open architecture allows the integration of best-of-breed systems and products, regardless of provider.

Combat Management

The 9LV Combat Management System (CMS) is the command-and-control centre for advanced surface vessels and submarines. Saab can take full responsibility for the CMS or provide selected CMS modules in partnership with other providers. A full 9LV CMS configuration includes the 9LV Fire Control System (FCS).

Weapon Control

The 9LV Fire Control System (FCS) can also be provided as a stand-alone system, including kill-chain functionality, for integration with any CMS. Configurations range from a single electro-optical director and naval gun to a fully integrated, multi-domain weapon control system for an advanced surface combatant, combining guns, missiles and decoys with full automation support.

Lethality by adaptability

Survival of the fittest. A concept that still holds true – especially at sea. Here things can change in an instant; new threats appear, information takes a turn, opportunities open up. What matters now is having the ability to adapt to whatever lies ahead.

This is where the next generation 9LV comes in. Designed for continuous development and adaptability, its flexible architecture enables crews to adapt not only to the situation at hand, but also to what the future may bring.

Data-driven and operator-centric design, AI-supported functions and cross-platform data connectivity enable seamless cooperation across the battlespace. Together, they help crews make sense of an increasingly complex and contested environment – and turn it into action.

By making adaptability part of your combat power, it may just become your most lethal capability.

Accelerate the OODA loop

In today's more complex, technology-driven multi-domain combat environment, the time available for decision-making is challenged like never before. Built on AI capabilities and a common data foundation, this next generation 9LV significantly improves decision support, accelerating the OODA loop for swifter, more confident and effective decision-making.

Combined with Operation-Centricity, it removes clutter, optimises resource management and allows the operator to focus on the priorities that matter most at any given moment.

Engineered collaboration

A fleet that can share information, cooperate and project power seamlessly and continuously across the battlespace can stay ahead of uncertainty and new high-rate asymmetric threats.

The new generation 9LV is engineered to facilitate such collaboration. It provides true multi-mission capabilities for the multi-domain environment, combining the power of AI with a foundation of flexibility designed to prepare you for whatever comes next.

Designed to evolve

9LV is built for continuous development. Its hardware- and software-agnostic architecture allows new sensors, software and weapons to be integrated as requirements change, without having to rebuild the underlying infrastructure. This provides the flexibility to adapt the system to new technologies, threats and operational demands throughout the life of the ship.

Software-First Evolution

Through a continuous pipeline of software updates, new capabilities can be introduced and existing functions enhanced without taking the ship out of service for shipyard upgrades.

As technology advances and the operational environment changes, 9LV can develop alongside them, keeping your combat system relevant and ready for the challenges ahead.

When the battle changes, your system changes with it.

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Distrubuted lethality for a hybrid force

The modern naval battlespace is no longer defined by a ship's traditional area of operations. New technology, autonomous systems, longer-range weapons and increasingly distributed operations are changing where and how naval forces create effects.

The challenge and the opportunity are to make these distributed resources work together as one integrated fighting force.

With Saab's next generation 9LV Combat System at the centre, a naval platform can become the hub for a wider multi-mission force. It enables seamless coordination of manned and unmanned resources across the battlespace – from the seabed to the stratosphere.

9LV brings your hybrid fleet together as one integrated fighting force, allowing it to sense, understand and act across a much larger battlespace. The ship becomes more than a platform. It becomes the hub of a distributed combat capability.

Extend the battlespace

By integrating manned and unmanned resources into one system, the ship's reach will grow with the action radius of the unmanned platforms of operational choice. Sensors and effectors on the off-board units will expand the operational area under direct control from manned units.

Distribute the capability

Combat management does not have to reside in one place. With the next generation 9LV you can distribute elements of combat management across the force, enabling fusion, optimisation and selected mission functions to take place on different nodes where they are needed.

Connect the force

A distributed force only becomes greater than the sum of its parts when information, command and control can move across it. 9LV brings sensors, effectors, information and decision support together across manned and unmanned resources.

Strengthen resilience

Distributing sensing, processing, command and effect across multiple nodes reduces dependence on any single platform. The result is a force that can continue to sense, share information and act even as the operational situation changes.

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Combat Management – connected beyond the system

A modern combat system must do more than manage the ship's own sensors and effectors. It must connect information, functions and capabilities across a wider operational environment. This next generation 9LV Combat Management System is built on a common architecture that brings these elements together while allowing hardware, software and functions to be configured to meet different needs. The result is a combat management capability that can adapt, integrate and evolve throughout the ship's operational life.

A common architecture. Connected capabilities.

At the heart of this new 9LV generation is a common data foundation that allows applications and services to share information. Critical information, such as tracks, threats and engagements, is quickly distributed to the functions that need it. Else, information is retained and remains available for use by different applications and functions as required.

The architecture separates high-integrity functions, such as weapon control, from general-purpose applications that can evolve more freely. Functions are allocated according to their requirements for timing, safety, robustness and security, allowing new capabilities to be introduced while protecting critical functions.

A ship-wide infrastructure provides the computing resources, communications and core services that bring these elements together. The same architectural foundation can extend to distributed C2, shore-based environments, training facilities and digital twins, supporting the exchange and reuse of data beyond the ship itself.

What the architecture means for you

Resilience by design

Security built into the architecture and separation between high-integrity and general-purpose functions help protect critical combat functions and maintain dependable operation.

One coherent picture

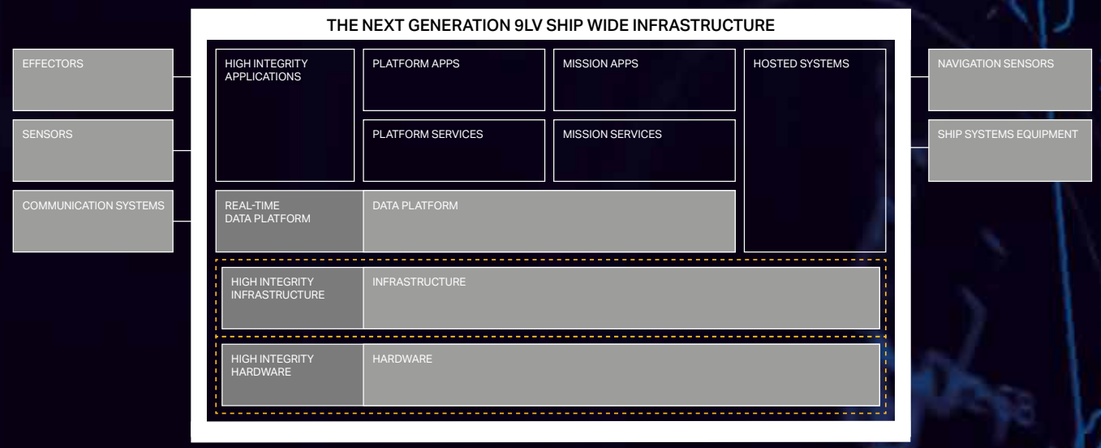
A common data foundation supports the use of information across live operations, training and analysis, including digital-twin environments.

Evolve with confidence

The architecture supports fast, safe and secure introduction of new capabilities and mission applications, while allowing functions to be allocated according to their operational and technical requirements.

Integration and interoperability

Designed to align with current and emerging standards for interoperability and multi-domain operations, the architecture supports integration with other systems and gives customers flexibility in how hardware and software are provided.



One architecture – multiple implementation choices

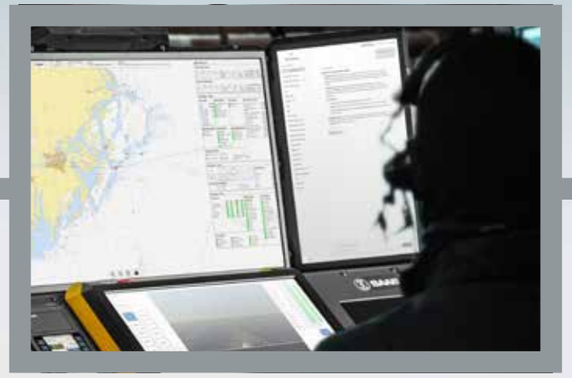
- **Ship-wide infrastructure** – the shared computing, communications and core services that support the architecture across the ship.
- **Platform apps** – applications that support the operation and management of the ship as a platform.
- **Mission apps** – applications that provide operational and mission-specific capabilities.
- **Platform services** – shared services that support platform applications and functions.
- **Mission services** – shared mission functions, such as tasking, planning and data fusion.
- **Data platform** – a common data foundation that allows applications and services to share information, while keeping information available for continued use.
- **Infrastructure** – customers can use Saab-provided infrastructure or their own, subject to architectural and integration requirements.
- **Hardware** – customers can use Saab-provided hardware or their own, subject to architectural and integration requirements.
- **Effectors** – systems that act on a target or situation, such as naval guns, missiles and torpedoes.
- **Sensors** – systems that detect and collect information about the surrounding environment, such as radar, sonar and electro-optical sensors.
- **Communication systems** – systems such as radios and data links that allow information to be exchanged within the ship and with other platforms or external systems.
- **Navigation sensors** – systems that provide information about the ship's position, heading, speed and movement, such as satellite navigation receivers, gyrocompasses and inertial navigation sensors.
- **Ship Systems Equipment** – for example, ship control and monitoring system.

Champion of the sensor-to-shooter chain

In naval combat, speed is everything. When a threat emerges, every second – sometimes every fraction of a second – can make the difference between having the initiative and losing it. Detecting, tracking, evaluating and engaging a threat at speed remains at the heart of effective naval warfare.

But speed alone is only as valuable as your ability to act on it. As naval forces become increasingly distributed, connectivity and the capability to share information and coordinate capabilities across the battlespace are becoming equally critical. The ability to detect a threat through one node, make sense of it through another and bring effect to bear through yet another extends the sensor-to-shooter chain – giving you even more time to act.









The next generation 9LV Combat System combines rapid sensor-to-shooter performance with the connectivity and distributed capabilities needed to create effect across an increasingly extended battlespace. It supports all dimensions of naval warfare – air, surface and sub-surface – while enabling manned and unmanned resources to work together as one fighting force.

As the sensor-to-shooter chain evolves 9LV keeps all the links connected – across missions, domains and platforms, at speed and under control.



Detect earlier

In a distributed battlespace, detection is no longer limited to the sensors on your own platform. The 9LV Track Data Fusion Engine combines information from multiple sensors and sources, including unmanned units, to build a clear and continuously updated picture of the situation. By extending sensing beyond the ship, potential threats can be detected earlier – giving the operator more time to assess the situation and act.

Decide faster

More sensors and more information only create an advantage if they can be turned into actionable knowledge. 9LV fuses and evaluates information from across the force, supporting rapid threat assessment and decision-making. Automated and AI-supported functions help reduce workload and keep the operator focused on what matters most – making fast, informed decisions when every second counts.

Engage with precision

When the decision is made, there is no time to lose. The 9LV Weapon Control System automates and optimises weapon response, helping the operator select the right effect against the right target at the right time. From defending the ship against fast and complex threats to striking ships, land targets and other threats, this next generation 9LV provides the speed, accuracy and control needed to create effect across the battlespace.

Extend the effect

The sensor-to-shooter chain no longer has to begin and end on the same platform. With the next generation 9LV, sensors and effectors on unmanned units can become part of the same connected chain, extending the reach of the combat system beyond the ship. This enables distributed capabilities to work together as one fighting force – while keeping information, decisions and effects connected and under control.

Weapon control.

Different threats. Different timelines.

In mission-critical situations, there is no room for error. And modern naval forces face an increasingly diverse range of threats – from advanced high-speed, supersonic or sea-skimming missiles to autonomous systems and asymmetric threats. Different threats call for different responses, each within its own operational timeframe.

Complex threats may demand deeper integration and sophisticated optimisation over longer cycles. At the same time, rapidly evolving threats such as small and medium-sized drones require much shorter update cycles and rapid response. The next generation 9LV is designed to handle both – in parallel.

This capability becomes particularly powerful in multi-mission, multi-domain operations, where manned and unmanned resources need to work together as one fighting force. By keeping sensors, weapons, information and decisions connected across the force, 9LV helps turn distributed capabilities into coordinated effects – ensuring high-precision striking performance and improving the ability to create effect wherever and whenever it is needed.

Proven precision

Core elements of the 9LV Weapon Control System include the Fire Control System, featuring the new-generation, combat-proven Ceros and the operationally proven EOS 500 directors. Renowned for outstanding precision, they work as an integrated part of the wider system, supporting fast and highly accurate sensor-to-shooter cycles.

Advanced air defence capability

In addition to supporting naval gunfire and surface defence coordination, the 9LV Weapon Control System provides advanced air defence capabilities. Handling multiple incoming targets under tight time constraints sets the system apart. It is compact, easy to use and straightforward to integrate.

The Air Defence Coordination capability automates and accelerates the response, taking available weapons and ammunition into account to calculate and recalculate the optimal engagement.

Reliable performance

Proven to perform across a wide range of environments and conditions, the 9LV Weapon Control System is designed for different vessel types and operational requirements – whether defending its own platform or delivering effects in cooperation with other units.

The system also provides intelligent built-in support functions and fault isolation through Built-In Test (BIT), helping ensure high availability and operational readiness.

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9LV CMS – core capabilities

The next generation 9LV Combat Management System brings together the information, systems and operator functions needed to manage naval operations. Its data-centric, hardware-agnostic architecture enables information to be processed, shared and distributed across the combat system and beyond, while supporting the integration of new sensors, weapons and other capabilities. Designed for continuous development, 9LV can evolve with operational needs throughout the system's lifecycle.

A common situational picture

The system combines information from connected sensors and other sources to build and distribute a coherent, continuously updated picture of the naval domain. Presented through chart or map information and tactical overlays, this integrated picture, together with automated threat evaluation, engagement planning and weapon control, helps operators understand the situation, identify what matters and focus on their primary mission.

AAW and ASuW

Saab's solutions range from small electro-optical systems controlling a light or medium-calibre naval gun to larger configurations with multiple guns and missile systems. These enable a high-end engagement chain with rapid reaction times, automated responses and high-precision engagements.

The 9LV CMS integrates with the 9LV FCS to reduce operator workload during engagements.

Features:

- **Coordinates all sensors and weapons**
- **Probability-based evaluation**
- **Cyclic re-evaluation and feedback loop**
- **Quick response to scenario changes**
- **Manual, semi-automatic and fully automatic options**



Surface warfare

9LV uses information from available sources to support the preparation and execution of surface-to-surface missile engagements. By integrating unmanned vehicles and off-board sensors, it can extend the ship's surveillance and engagement reach, providing a broader view of the surface domain and enabling operations beyond the range of the ship's own sensors.

In littoral environments, where distances are shorter and the operational picture is more complex, 9LV helps operators assess the situation in greater detail and identify tactical opportunities. The ability to process and act on information quickly is particularly important in these demanding conditions.

Anti-submarine warfare

9LV integrates the functions and capabilities required to participate in or lead anti-submarine warfare operations. Configurations range from selected sensor and weapon capabilities, with information links to other units, to broader solutions supporting cooperation between surface, subsurface and air units

Decision support

Integrated data fusion establishes and maintains a coherent maritime picture, supporting situation assessments and tactical judgements based on readiness and priorities. Through automation and intelligent abstraction layers, 9LV helps manage complexity and coordinate a broad range of operational tasks. AI-supported functions further assist operators in identifying relevant developments, maintaining focus and making informed decisions.

Secure communication

9LV integrates with customer-selected communication systems across different technologies, radio bands and hardware, supporting information exchange across the wider force. One option is Saab's TactiCall communication system, which provides resilient voice and data communications through a single user interface and enables information sharing within a multi-level security environment.

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Automated tasks

9LV combines internal and external data inputs with automated situation and anomaly detection. Operators can select different operating modes, intervene and override commands when required, helping them focus on tactical decisions while retaining control.

Secure system environment

The 9LV architecture supports cybersecurity, video streaming, operational data recording, weapon-system safety and the real-time demands of critical fire-control functions. Its modular design provides the foundation for continuous software evolution throughout the system's lifecycle.

Scalable to precise needs

9LV can be configured to match a platform's size, capabilities and operational requirements, whether manned or unmanned. Its architecture supports complex frigates and destroyers as well as smaller ships with constraints on space, weight and crew. Its flexibility also supports the integration of new systems and subsystems as requirements evolve.

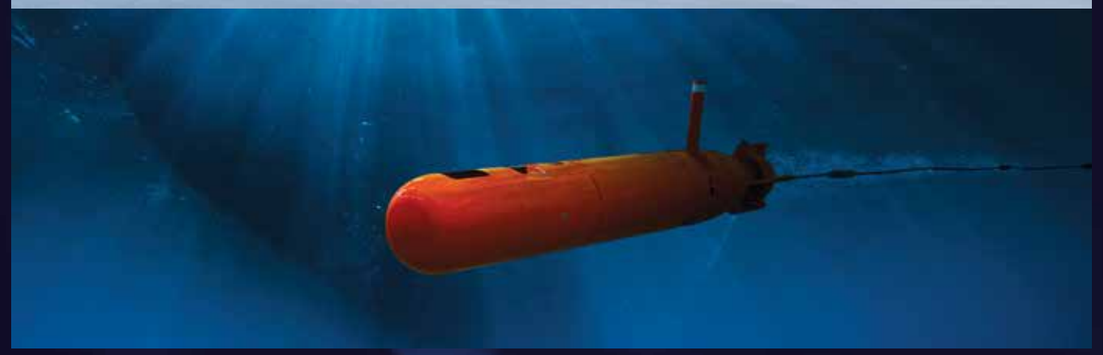
Future secured

Saab's experience in combining functional modularity with modern computer technology has resulted in flexible, scalable solutions with built-in capacity for upgrades and extensions throughout the Combat System's lifecycle. Regular updates maintain system security and functionality, ensuring the Combat System remains relevant as technology and operational requirements evolve.

9LV CMS – extended capabilities

The modular architecture of the next generation 9LV CMS supports a broad range of extended capabilities, tailored to the mission and platform. From unmanned systems to force-level cooperation, these capabilities help connect information, sensors and effectors across the battlespace.





UxV control and optimisation

Naval forces increasingly operate several unmanned assets within the same mission. 9LV supports the planning and coordination of these assets, helping operators assess time, distance, endurance, sensor control and coverage when assigning and executing tasks.



Ballistic Missile Defence capabilities

Ballistic and high-speed missile threats place demanding requirements on sensors, weapons and communications. 9LV acts as an integration hub, connecting the functional chain from detection and threat evaluation to engagement. Data-link information is fused with minimal delay, giving commanders more time to assess the situation and act.



Enhanced video situation awareness

9LV combines and records video from onboard infrared and television sensors, allowing operators to access relevant video streams when required. With suitable sensors, the system can provide stabilised panoramic views and simultaneous zoom in multiple directions. Tactical data overlays (augmented reality) can further enhance situational awareness.



Force networks

9LV integrates standard data links and national derivatives to make effective use of available information. Force-level functions support services ranging from external data fusion to collaborative weapon engagements. Its open architecture supports the integration of future communication capabilities, helping connected units operate as a coordinated force.



Submarine operations

9LV provides advanced sensor and weapon integration to support submarine operations and subsurface situational awareness. Hardware and software can be tailored to the specific environments and operational requirements of submarines.



Mine Counter Measure (MCM)

The MCM function supports the planning, control, analysis and documentation of mine countermeasure tasks. Combined with core CMS functions, it provides decision support, command and control by bringing together database information, onboard sensor data and information from other units. 9LV can integrate selected MCM subsystems from different suppliers, whether manned or unmanned. Self-defence capabilities, including air defence and protection against small surface vessels or drones, can also be incorporated using relevant 9LV core capabilities.



9LV CMS – configurations

The flexibility of the 9LV CMS allows each system to be configured to suit the vessel and its operational requirements. Saab also offers pre-defined configurations as a starting point. These are not fixed solutions; Saab can customise the system to meet specific customer requirements.

Surface combatants

9LV can integrate a wide range of subsystems and scale from corvettes and frigates to larger through-deck vessels. Configurations can support multiple Multi-Function Consoles (MFCs), with redundancy and physical separation of critical assets to support resilience.

Medium-sized configurations may focus on a specific mission, such as anti-submarine warfare (ASW) or anti-surface warfare (ASuW) using surface-to-surface missiles (SSMs). Larger configurations can combine broader capabilities, multiple tactical data links and automated responses to simultaneous threats above and below the surface. Integration with command support systems can provide complete C4I capability.



Patrol vessels

Patrol vessel configurations combine extensive capability with a small footprint. The mix of MFCs and smaller operator devices is tailored to the vessel's size and mission. Communications can link the ship with manned and unmanned assets, while recording functions capture data from onboard sensors. Core CMS functionality can also include fire control.

Depending on the vessel, a configuration may integrate a remotely controlled light or medium-calibre gun for air and surface engagements. Options include the MSI Seahawk DS30B, Oto Melara Single 40L70 and BAE Systems Bofors 40 mm MK4.

The EOS 500 provides accurate tracking data for ballistic computations and gun laying against air, surface and littoral land targets. The Ceros 200 Mk5 combines rapid target acquisition with high tracking precision, including against low-altitude targets, supersonic missiles and surface threats. Surveillance radar can also provide tracking for surface engagements, while a remote weapon station such as Saab's Trackfire RWS can be integrated with a dedicated console.



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Coast guard, auxiliaries and inshore units

For smaller platforms, 9LV provides integrated situational awareness, weapon control and command-and-control capabilities within a compact system. Operator interfaces and system infrastructure can be adapted to available space and platform requirements.

The lightweight, scalable architecture supports maritime security missions and integration with other 9LV capabilities. Depending on the mission, configurations can include communications, video surveillance and designation of threats to remote weapon stations, with a focus on ease of integration and lifecycle cost.



Submarines

Through its work with 9LV technology and the expertise of our Business Unit Submarine, Saab has extensive experience in submarine solutions.

Several generations of 9LV technology have been used in submarine combat management and weapon control systems. 9LV technology has also provided the platform for advanced integrated sonar systems with multiple operators and sensors.

9LV FCS
– core capabilities



Speedy response

The Ceros and EOS 500 directors are at the heart of the sensor-to-shooter chain and can be used with different combinations of surveillance radar and weapons.
The 9LV FCS delivers high accuracy and rapid engagement, with short reaction times during designation, search and acquisition. Its sensors, pedestal, servos and filtering support accurate firing solutions. The system can be operated using Saab's 9LV Multi-Function Console or a third-party console.



Track-while-scan surface engagements

This capability enables guns to engage surface targets using the ship's surveillance radar as the tracking source. A B-scope display allows operators to monitor the engagement, observe firing and apply fire corrections.

Accuracy

The Ceros and EOS 500 directors provide highly accurate 3D tracking that enables the operator to deal with advanced air and surface threats. Using modern ammunition, every round is a hit, even in complex conditions.

Multiple targets

9LV FCS offers manual, semi-automatic and automatic modes for controlling sensors and weapons. Combined with advanced tracking, these modes support engagements involving multiple targets under high-pressure conditions.

Naval Gunfire Support (NGS)

Naval Gunfire Support can be used against land targets identified by coordinates in the graphical situational picture. The function supports interaction with a forward observer and provides data for fire corrections.

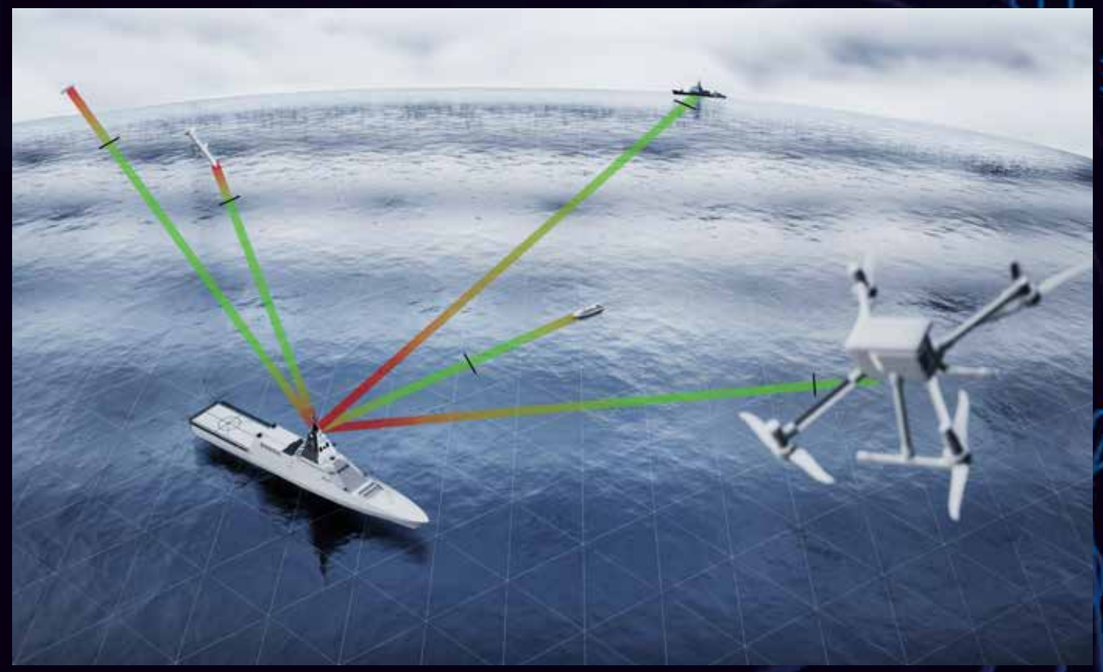
Reaction time

After designation, Ceros and EOS 500 directors can track a target and deliver a firing solution within a short timeframe. System speed, precision and filtering support rapid target acquisition and engagement

Range

9LV FCS configurations support short- to long-range engagements using combinations of decoys, guns and missiles. The radar director can support tracking and target illumination at distances exceeding 100 km, depending on the configuration.

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Air and Surface Defence Coordination (ADC & SDC)

Air Defence Coordination (ADC) automates and accelerates the response to multiple incoming air threats. Configurations range from a Ceros director with a medium-calibre gun to coordinated use of a ship's guns, surface-to-air missiles and decoys.

ADC evaluates available weapons and ammunition, repeatedly calculating engagement options and allocating weapons according to the estimated probability of effect. In fully automatic mode, firing can be initiated rapidly, subject to operator confirmation of fire permission. The HMI presents the proposed response at a level suited to rapid decisions under pressure.

Surface Defence Coordination (SDC) applies similar automated support to directly attacking surface threats, such as swarms of high-speed craft. It allocates suitable weapons to surface targets, helping the ship respond efficiently to multiple threats at short notice.

Operator workload is reduced through automation of the following tasks:

- **Generation and maintenance of a coherent operational picture**
- **Semi-automatic or automatic fusion of available information sources, local or networked**
- **Keeping track of available ADC and SDC onboard and task group resources**
- **Threat evaluation: finding and prioritising threats using all known threat characteristics**
- **Engagement planning: evaluating weapon deployment alternatives and selecting the optimised solution. This is performed cyclically for immediate adaptation to rapidly changing situations**
- **Unambiguous presentation of automated engagements for man on the loop affirmation**
- **Execution control: sending engagement requests to directors, guns, launchers and decoys, as well as sending ship heading recommendations to avoid blind sectors**
- **Task group defence coordination**

9LV FCS – Configurations

Saab is a leading provider of AAW and ASuW solutions, offering configurations ranging from small electro-optical systems controlling a light or medium-calibre naval gun to larger systems with multiple guns, decoys and missiles.
By enabling rapid reaction times, automated responses and high-precision engagements, Saab provides naval ships with their complete critical self-defence and engagement chain.

Electro-Optical

The Saab EOS 500 Electro-Optical Director, combined with a 30–40 mm naval gun, provides an effective solution for surveillance and self-defence. Its stabilised sensor platform combines advanced TV and infrared cameras with a laser rangefinder, supporting observation, target identification and high-precision 3D tracking of surface threats, aircraft and UAVs. Using simultaneous TV and IR tracking with automatic data fusion, EOS 500 can detect and track up to four targets concurrently. This allows operators to maintain track of multiple threats and switch rapidly between targets, supporting short reaction times and accurate gun engagements. The system is also capable of tracking challenging low-altitude threats, including sea-skimming missiles.



Radar and Electro-Optical

This configuration combines the Ceros Radar and Electro-Optical Director with a small- to medium-calibre naval gun

Ceros provides all-weather capability through its advanced tracking radar. Proximity- or time-fused gun ammunition, combined with the precision of the Saab FCS, provides effective self-defence and engagement capabilities, including against incoming sea-skimming missiles.

On larger ships, more than one director and gun is commonly fitted to provide coverage in all directions.



Multi-channel weapon control

Multi-role ships equipped with surface-to-air missile systems benefit from the 9LV architecture, which enables the use of tracking data from available sensors and data links. Decoys, guns and missiles can be employed together, based on the estimated probability of effect. Advanced automated defence functions can be integrated with the ship's electronic support measures (ESM) and electronic countermeasures (ECM).

The 9LV Weapon Control System can handle both short-range surface-to-air missiles (SAMs) and longer-range area-defence SAMs. These are supervised and controlled by 9LV,



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We know the ropes

Saab has a history of successful partnerships and leading roles in naval combat system programmes. We have worked with dedicated partners and sub-suppliers across almost all aspects of naval warfare.

Saab's next generation 9LV Combat System, combined with a proven track record as a combat system integrator and prime contractor, puts outstanding combat performance within reach for vessels of different types and sizes. In short, we understand your challenges and how to get the job done properly.

Upgrade or new-build

Saab is your delivery partner for new and upgraded surface warships and submarines. With our knowledge, skills and professionalism, we can support you throughout the system's lifecycle – from contributing as a subsystem supplier and integrator to acting as Combat System Prime or Prime Contractor.

Providing engineering expertise

9LV is tailored to customer requirements to ensure that the right engineering expertise is applied throughout system development and modification.

Skills and experience

Saab provides through-life support solutions ranging from tailored support services to full availability contracts, as well as ongoing technology upgrades to maintain your operational capability. Saab has the skills and experience required across all disciplines involved in the successful delivery of combat systems.

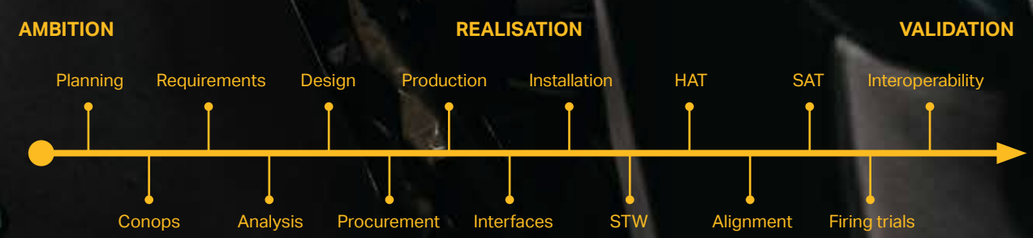
Collaborative approach

The 9LV systems are designed for collaboration, both technically and organisationally. Their flexible architecture supports integration with other systems and suppliers, while Saab adapts its role and level of responsibility to the customer's needs – from full Combat System responsibility to delivery of selected systems and subsystems within a wider programme.

All 9LV systems are built on a common, independent technology platform, also used for other Saab systems and products. It provides a virtual development environment and the security and runtime services needed for efficient development, integration and lifecycle management. The platform also supports technology transfer and the involvement of customer resources in development, maintenance and security of supply.

Our engineering competence includes:

- **CONOPS analysis and support**
- **Risk management**
- **Combat system design**
- **Subsystem acquisition**
- **System safety**
- **Performance engineering**
- **Logistics Engineering (RAMT – Reliability-Availability-Maintainability-Testability)**
- **Life Cycle Cost (LCC) Analysis**
- **Top deck design**
- **Combat Information Centre design**
- **Interface engineering**
- **Platform integration services**
- **System integration**
- **EMI/EMC services**
- **Acceptance testing**



Bringing the pieces together

A modern naval Combat System brings together a wide range of sensors, weapons, communication systems and other capabilities. Making them work together as one integrated operational system requires more than technical expertise. It takes a thorough understanding of naval operations, system integration and the complexities of delivering mission-critical capabilities.

Saab combines extensive Combat System experience with System Integration Responsibility and proven programme management expertise to bring these elements together – turning individual systems and subsystems into a coherent, operational capability.

Managing complexity and risk

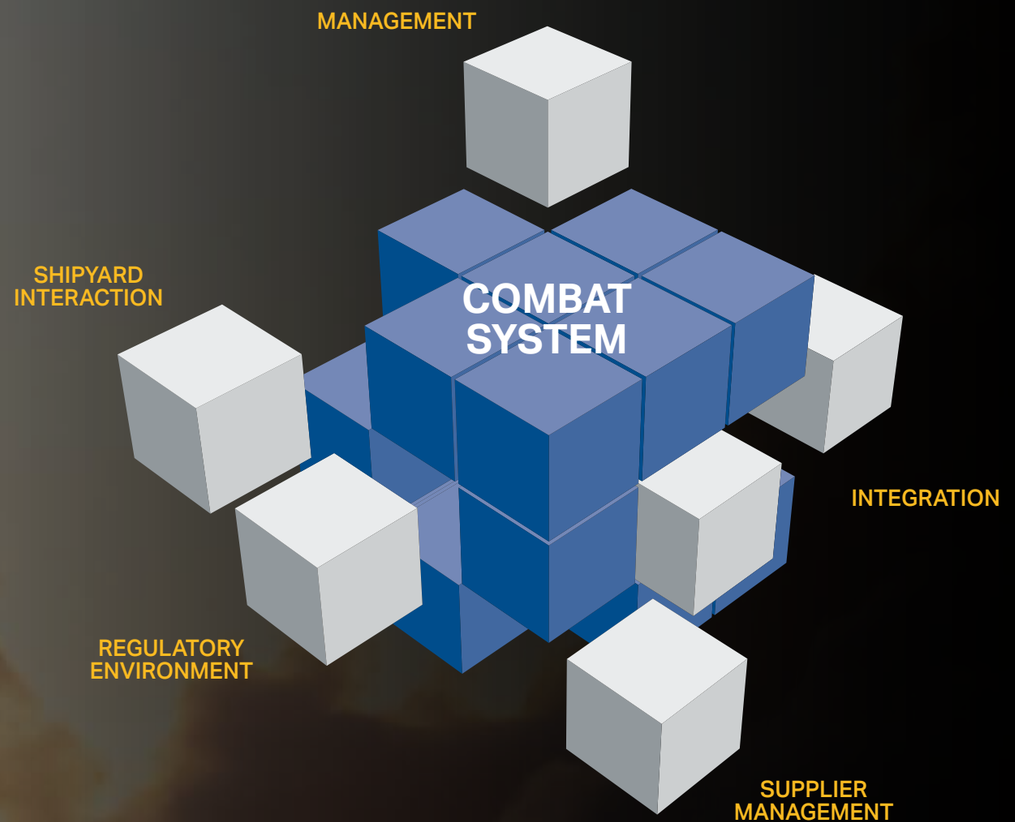
Successful Combat System delivery depends on identifying and managing technical, operational and programme risks from the outset. Drawing on experience from complex naval programmes, Saab applies structured processes for system integration, verification and risk management, adapted to each customer's requirements and operating environment. This approach helps reduce uncertainty, manage dependencies and support delivery on time and within budget.

Experienced management teams

Saab provides experienced programme and project management teams for assignments ranging from CMS supply and Combat System integration to major platform modernisation programmes. The level of responsibility and support can be tailored to the scope and complexity of each project.

Supported by established processes for configuration management, quality assurance, planning and scheduling, Saab coordinates the activities needed to bring different systems, suppliers and stakeholders together – from initial requirements through integration and verification to delivery.

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM



The keys to successful delivery

MANAGEMENT

- Establishing a plan for the entire programme
- Developing a credible schedule
- Managing the programme in accordance with the agreed scope and schedule
- Assisting the customer in establishing the concept of operations, where required
- Assisting the customer in defining the maintenance concept and operational profile
- Interpreting and analysing customer needs and lifecycle plans, including costs and future capabilities
- Allocating requirements to verifiable system and subsystem requirements for subsequent testing and verification

INTEGRATION

- Proven experience integrating a wide range of sensors, weapon systems and communications systems, including tactical data links, with 9LV CMS, 9LV FCS and the platform itself to meet customer requirements
- Understanding of integration timescales, processes and trade-offs

SUPPLIER MANAGEMENT

- Experience contracting with a wide range of suppliers from different countries, including the USA
- Understanding of supplier-specific issues and the applicable legal environment

REGULATORY ENVIRONMENT

- Experience working with different regulatory frameworks and requirements
- Understanding of the timescales associated with establishing legal agreements within the applicable regulatory framework

SHIPYARD INTERACTION

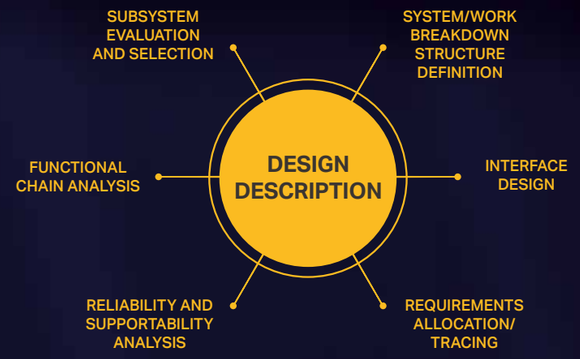
- Experience working with different shipyard processes and procedures
- Understanding of the information exchange required between Saab and the shipyard

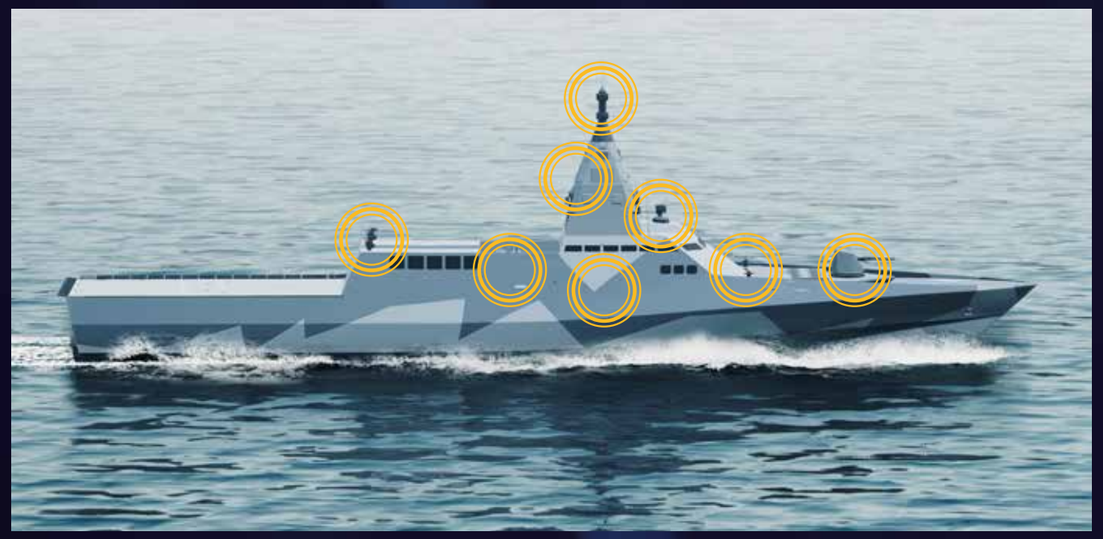
Combat System Engineering

Combat System Engineering transforms customer requirements into a realistic, optimised design ready for implementation on the target platform. The production data pack includes purchase specifications for the various elements of the combat system, shipyard data packs for mechanical installation and cabling, and test instructions for subsequent system integration and acceptance testing.

Combat System design

Combat System design ensures that the platform, products and selected subsystems work together optimally, with appropriate levels of reliability, availability, maintainability and testability. This is achieved through systematic definition, subsystem selection, interface engineering and verification.





Subsystem selection

With 9LV CS, customers can select best-of-breed products and systems to meet their needs. Every combat system project involves multiple suppliers at different levels. These suppliers must be managed throughout selection, procurement, production, integration and testing.

Extensive supplier collaboration experience

Saab has worked with suppliers from many countries, and our personnel have the experience and expertise to support the programme or project in the acquisition of, for example, sonar systems, radar systems, FCS, guns, missile systems and UxVs.

Particular attention is given to the requirements of the main supply contract and to analysing, allocating and managing these requirements across the selected subcontractors.

Supplier performance must be monitored throughout the programme or project, from initial evaluation through to post-delivery warranty and support.

These activities typically involve:

- **Selection of subsystem suppliers**
- **Trade-off analysis**
- **Management of the supply process, from initial evaluation to final delivery and acceptance**
- **Management of supplier interactions required for direct system interfaces**
- **Verification of supplier deliveries for technical and contractual completeness**



System safety

Saab performs system safety activities in accordance with international standards, such as MIL-STD-882, or applicable national standards. Safety assurance at combat system level includes the management and coordination of underlying safety activities, radiation hazard (RADHAZ) analysis, weapon safety and other hazards that may pose risks to life.

Cyber security – information security beyond IT

Software vulnerabilities can expose valuable assets to cyber attacks. Saab continuously develops its cybersecurity capabilities to help customers and partners identify, understand and mitigate vulnerabilities throughout the system lifecycle, from early design through operational system management to decommissioning.

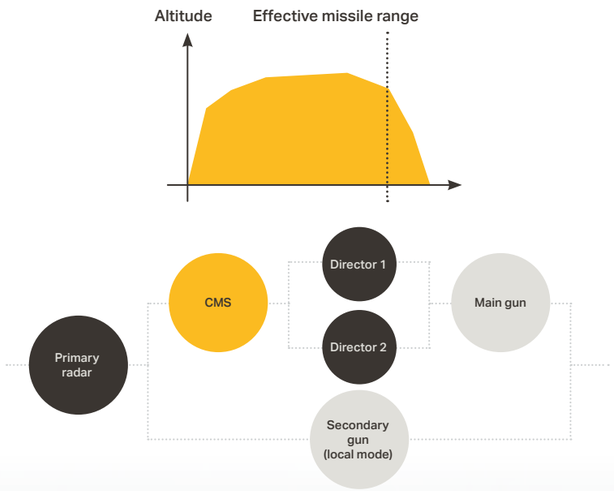
A chain of automated tools helps identify vulnerabilities and prevent attacks throughout development and integration, extending into the operational 9LV system. The same rigorous governance is applied at Saab as in the operational environment.

Saab continues to develop solutions designed to deliver strong combat performance while addressing the challenges of the cyber domain.

Performance engineering

Producing a combat system requires several types of performance engineering, including calculations of radar, sonar, communications and weapon-system performance. Engineering analysis includes system- and subsystem-level RAMT (Reliability, Availability, Maintainability and Testability) and Life Cycle Cost (LCC) analysis.

Saab has specific expertise in kill-chain analysis, with experience in matching a wide range of sensors and effectors.



Interface engineering

Interface engineering involves defining and establishing the interface documents and drawings required to integrate individual systems into a proven, functioning combat system for a specific ship.

Saab has extensive experience interfacing the sensors and weapons used in naval combat systems.

Examples of integrated equipment:

- **Radar systems, including multi-function radars**
- **Electronic warfare (EW) suites, including ESM, ECM and jammers**
- **Identification Friend or Foe (IFF) systems**
- **Decoy launching systems**
- **Laser warning systems**
- **Electro-optical systems**
- **Tracking devices**
- **Missile launchers**
- **Surface-to-surface missiles**
- **Surface-to-air missiles**
- **Large- and small-calibre guns**
- **Sonar systems**
- **Torpedo launching systems**
- **Tactical data links**
- **Sensor and unmanned-system (UxV) links**
- **Navigation equipment**
- **Communications equipment and systems**



Top deck design

Combat systems typically include high-power emitters, sensitive sensors and complex weapon systems. Installing this equipment within the limited space available on a naval vessel, while avoiding interference between subsystems, requires careful analysis.

In cooperation with its partners, Saab can provide analysis and measurements to support top deck design. Electromagnetic interference and compatibility (EMI/EMC) analysis of radio-frequency emitters and receivers installed above deck is usually part of this work, as are lightning protection measures.



Combat Information Centre design

The design and layout of a ship's Combat Information Centre (CIC) are important to the usability of its combat system. Saab can take full responsibility for designing a CIC tailored to the ship's intended missions and selected capabilities. Layout and equipment-fitting recommendations can also be provided for other spaces, including those intended for combat system equipment.



THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

Combat System Integration

Combat System Integration brings the installed elements of a combat system together into an integrated system that meets the required performance specifications and is ready for harbour and sea acceptance testing.

Pre-delivery interface testing of individual system elements, testing of the integrated combat system at a land-based test site, and performance verification of selected parts of the system can all be carried out during the CSI phase.

Saab has experience in establishing suitable integration environments, as well as planning, preparing, coordinating and executing integration activities. The process may involve shore-based reference sites, land-based test sites, specialised test facilities and integration on board the ship.

The integration of combat system elements can be carried out in different ways and at several locations simultaneously.

Integration is a complex task. It includes obtaining installation data, creating detailed compartment designs, reviewing installation procedures, carrying out installation checks and many other activities.

Saab can assist with the activities required to ensure that combat system equipment is compatible with the ship's platform.

Platform integration services

Prime for upgrade or new-build

Saab can provide platform integration services as prime contractor to a shipyard for both upgrade and new-build platforms.

Integrating a new combat system into an existing platform requires detailed knowledge of the platform's capabilities and capacity, as well as the ability to match these with the platform services required by the new combat system.

Modifications to both platform capabilities and combat system design may be needed to achieve cost-effective integration of a new combat system into an existing platform.

Existing platform systems may also need to be upgraded or refurbished to ensure maximum performance. Saab can advise on the required scope and nature of such work.

Workspace design

Operator work environments are an important consideration in combat system integration. Saab can assist in designing workspaces that provide suitable environmental conditions for operators.

Combat System harbour and sea acceptance testing

Harbour and sea acceptance testing of a combat system and its elements can represent a significant part of the testing of the complete ship. Saab can support a shipyard or prime contractor in planning, scheduling, preparing, coordinating and executing harbour and sea acceptance testing.

Tasks include compiling or reviewing acceptance test procedures and supervising or participating in testing. Dedicated teams are normally assembled for this work.

Before acceptance testing, some combat system elements need to be aligned and data entered into the relevant systems. Saab has the processes and equipment required for both static and dynamic alignment.



Standard engineering services

Saab is experienced in delivering projects of different sizes and scope and can therefore offer a range of standard service packages. These packages include typical Combat System Engineering (CSE) and Combat System Integration (CSI) services for many new-build or upgrade projects.

TASK	ENGINEERING SERVICES: Basic CSE/CSI	Extended CSE/CSI	STW, HAT, SAT	Subsystems
CS project management	●			
Operational concepts		●		
CS requirements	●			
CS architecture/design	●			
Performance engineering, including logistics engineering	●			
Interface engineering	●			
System safety	●			
System acquisition				●
Factory acceptance testing (FAT)				●
System integration service	●			
Platform integration services	●			
Support with top deck design		●		
Support with compartment layout		●		
EMI/EMC services		●		
STW planning coordination			●	
Harbour and sea acceptance testing (HAT/SAT)			●	
ILS coordination		○		
CS technology transfer		●		

KEY
- ● Standard task
- ● Standard task, variable scope
- ○ Independent option

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

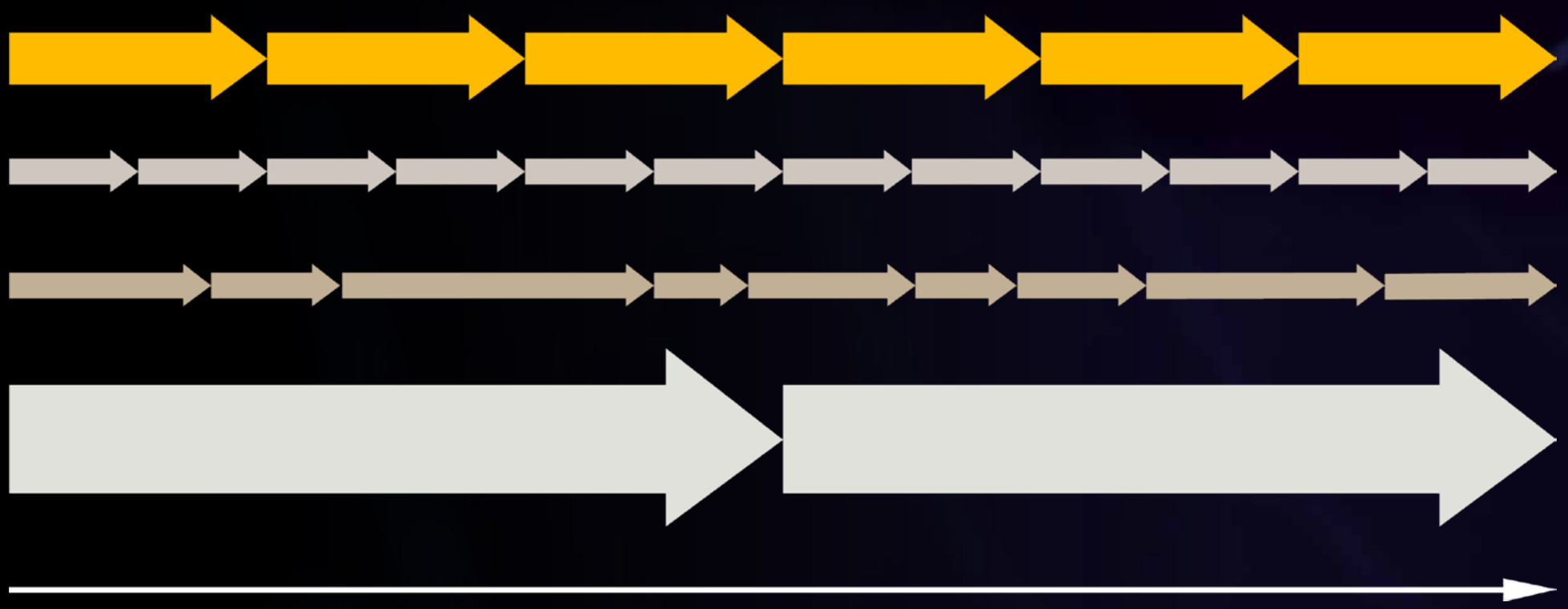
Continuous engineering

The technology, threats and operational requirements that shape naval warfare are constantly evolving. A combat system therefore needs to evolve with them – without having to be rebuilt every time something changes.

The data-driven architecture of the next generation 9LV is designed for continuous development. Its open and hardware-agnostic approach makes it possible to integrate new capabilities, technologies and applications as they become available, while a continuous pipeline for updates keeps the system evolving – without shipyard downtime.

This means development can take place alongside operations, continuously improving the capabilities available to the crew and adapting the system to new requirements over time.

Because continuous engineering is not about building a new combat system every time. It is about making the one you have continuously better.



Addressing the drone challenge

The growing use of drones is changing the demands placed on naval combat systems. From surveillance and reconnaissance to tactical weapons operations, unmanned systems create new opportunities – but also new threats.
Many are difficult to detect, track and classify using traditional sensor solutions. Detecting a drone is only the first step. The challenge is to turn that detection into an effective response.

This is where system integration matters. The next generation 9LV Combat Management System brings together information from multiple sensors and coordinates the subsystems required to support the chain from detection and classification to engagement with suitable effectors. A sensor with drone-detection capability, such as the Sea Giraffe naval radar series, can provide an important starting point. The wider combat system helps connect that information to the capabilities needed to act.

The response must also adapt to the threat. Engaging a single drone is different from dealing with a swarm, where several targets may require coordinated action within a limited timeframe. Volume engagement is one approach: the 9LV CMS rapidly optimises the available weapon channels in response to the incoming threat.

The challenge extends beyond open water. Drones can pose a threat in harbour, including in peacetime. A 9LV combat system can connect the necessary subsystems in low-manning harbour scenarios, including mobile sensors and effectors, to support a complete functional chain.

The principle is the same: effective defence depends not on a single sensor or weapon, but on the ability to bring the right capabilities together and adapt their use to the situation. This is one example of how the next generation 9LV CMS can connect capabilities across a wider hybrid force.

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

Sub-systems and products

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

Ceros – Stabilised Radar and Optronic System



Ceros is Saab's significantly upgraded stabilised radar and optronic system, providing all-weather target tracking for naval ships. Working in combination with missile and gun systems, it delivers highly accurate tracking to support effective defence against a wide range of threats, including advanced sea-skimming missiles and asymmetric surface threats, particularly in littoral environments.

The system combines world-class acquisition speed with exceptional tracking precision. It can track a wide range of targets, including supersonic missiles and surface threats, in different weather conditions and at both short and long ranges. Ceros also supports the tracking of multiple targets and allows the designation of the primary target to be switched seamlessly.

Ceros is available in a continuous-wave illumination (CWI) configuration. This provides an X-band channel for CWI target illumination, enabling guidance of semi-active surface-to-air missiles.

Patented CHASE algorithm

Low-altitude threats, such as sea-skimming missiles, are traditionally difficult to detect and track due to multipath interference. Ceros uses its patented CHASE algorithm to mitigate this problem, helping maintain reliable target tracking even in environments affected by interference.

The top weight is just 630–750 kg, making Ceros significantly lighter than comparable systems and facilitating integration across different platform types. Highly resistant to the latest jamming technology, Ceros provides reliable performance even in cluttered environments. It can also be combined with 9LV Fire Control System and SAM modules, providing precision control for naval guns and semi-active surface-to-air missiles.

Key strengths:

- **Extremely high tracking accuracy**
- **Fast target acquisition and reaction**
- **High availability**
- **Patented CHASE algorithm**
- **Reliable tracking of low-altitude threats**

Operational benefits:

- **Accurate tracking of sea-skimming missiles and other low-altitude threats**
- **More efficient engagements, with the potential to reduce ammunition expenditure**
- **No need for an additional radar**
- **No reliance on EO sensors for radar-based target tracking**

EOS 500



The EOS 500 is a smart sensor system capable of performing high-accuracy 3D tracking and surveillance.

It is well suited for tracking visible air or surface targets, surveillance tasks like identification or supporting search and rescue operations, and it uses a number of automatic functions to reduce the operator's workload.

The EOS 500 features some of the most capable sensors on the market, housed within an electrically stabilised pedestal. It comprises one TV and one thermal imager, as well as a high pulse repetition frequency (PRF) laser range finder. It can lock onto and track air targets and, if needed, quickly switch between them.

Combined with the 9LV Gun Fire Control Module, the EOS 500 provides precise anti-air and anti-surface engagement for any naval gun. Weighing only 120 kg, it is easy to integrate into a wide range of platforms, with an open design that enables straightforward future sensor upgrades.

Key strengths:

- **Exceptional stabilisation performance**
- **Low weight**
- **Low profile**
- **Easy maintenance**

Target Designator



No matter how robust your sensors are, it is vital to have comprehensive redundancy functionality to ensure the security of your forces and assets.

For this reason, Saab's 9LV FCS includes **target designators**, used by lookouts for direct optical designation of targets.

By using two designators, one for starboard and one for port, the installations are not restricted to those few areas on board where 360 degrees of free sight is possible.

The target designators are suitable for use during the day or night and are equipped with an Aimpoint device for red dot targeting. An optional image intensifier enhances night capability.

The designators feature two push buttons, the first of which is used for designation in bearing and elevation to the FCS. The second button allows the lookout to take immediate control of the director, starting an acquisition process.

MFC 3000 – Multi-Function Console



The MFC 3000 is the latest addition to Saab's family of robust, flexible and ergonomic naval operator consoles. Its modular design supports different operational requirements, while durable construction and accessible design simplify maintenance and reconfiguration.

Designed for use with the next generation 9LV Combat Management System, the MFC 3000 supports a more effective and operationally capable operator-centric environment, combining clear tactical information with intuitive interaction to enhance situational awareness and operator efficiency.

Key strengths:

- **Excellent ergonomics and clear operational overview**
- **High-resolution display for clear presentation of tactical information**
- **Modular design adaptable to different operational requirements**
- **Durable construction and accessible design for simplified maintenance**
- **COTS-based technology**
- **Touch input for intuitive interaction**

TactiCall integrated communication



Tacticall integrated into a 9LV console using a touch display.

TactiCall Integrated Communications Solution interconnects all your communication technologies regardless of radio band, frequency or hardware, reduces effort, lowers risk and increases pace. The system is scalable from one to several operator positions or communication interfaces and makes up the centerpiece in remote-controlled setups from single radio to complete operations.

TactiCall allows you to provide the functionality needed to support your operational requirements spot on and integrate seamlessly with third party equipment, legacy as well as new. The intuitive user interface guarantees secure and reliable operations within every operational setup, be it within international or joint coalitions, own force squadrons or single ship operations.

TactiCall is a robust and highly survivable system with no single point of failure, which will let you handle voice- and data communication, red as well as black, in a fast and efficient manner.

Training for mission success

Saab supports forces and units with simulation and training expertise throughout the training life cycle. Our focus is realistic and efficient training solutions that create true training value.



We offer a set of applications for training of different roles at the next generation 9LV Combat Management System as well as the Fire Control System – from the individual operator to complete team training and all the way to joint training operations. Multiple teams can create realistic training scenarios – to train as you fight – by connecting several Combat Information Centres or teams.

The training applications are embedded onboard or stand-alone in a land-based facility. They may be combined in different ways using Saab's integrated training environment and managed through our joint game management applications. The onboard applications can be utilised in parallel with ship operations thanks to a separate simulation network.

Saab can provide all necessary equipment, tools and knowledge required for providing a complete naval training service.





Training applications

Ship protection training

A full Live training capability with e.g. weapon or RHIB instrumentation – may also be combined with virtual or constructive solutions for full-scale training.

C4 training

Training command & control methodology without the need of a full-scale operational Combat Management System.

CMS training

Realistic training at the Combat Management System that features a built-in simulation function that supports command team training and provides an experience almost identical to live operations.

FCS training

Authentic training at the Fire Control System where sensors and weapons are simulated to provide an experience almost identical to live operations – from detection to engagement.

Maintenance training

Realistic training for technicians in system maintenance, fault diagnosis and repair – from routine maintenance procedures to demanding situations at sea, helping ensure system availability and operational readiness under pressure.

Weapon training

Realistic live instrumented training as well as virtual training on desktops or mock-ups.

Sonar training

Training for the sonar operator in realistic environments.

Comms training

Training in the use of COMMS in a synthetic environment and linking it with other operational environments.

Nav training

A complete bridge simulator.

Long-term support

A combat system serves for decades. Its relevance should too.

Naval vessels are built for long service lives, and a combat system must remain capable throughout them. Long-term support helps maintain system performance, knowledge and availability over time – keeping the 9LV system ready as technology, operational requirements and the environment evolve.

Defining a Support Agreement

The main purpose is to establish a mechanism between the customer and Saab for maintaining system performance as well as system knowledge within the customer organisation, according to the customer's maintenance philosophy.

Usually, a Support Agreement comes into force by the time for expiry of the warranty and is valid up to decommissioning of the vessel.

A Support Agreement within long-term support is defined by customer specific operational requirements, system availability and existing maintenance organisation. It outlines the parameters for long-term support and is an efficient channel for the interaction between the customer and Saab.

A Support Agreement normally includes the following services:

Help desk support

The Saab help desk function provides technical and operational support and is coordinated by an assigned Project Manager who handles any upcoming question or inquiry.

Customer conferences

Depending on the number of 9LV systems or vessels in operation, recurrent yearly meetings between the assigned Saab team and the customer will take place where information and experiences will be exchanged.

System plans

To keep the 9LV system up to date over time, Saab will periodically notify the customer about any available hardware or software upgrades. Logistic engineering calculations will be made accordingly to verify the actual requirement of spare parts, reflecting the current system configuration.

Provision of spare parts and repairs service

Naval systems are continuously exposed to harsh weather, temperature, humidity and physical strain which inevitably led to the need for spare parts. Provision of spare parts, identical with the system delivery or equivalents, will be provided during the entire system lifetime. Equally important is provision of swift and effective repair services. Saab will repair faulty parts at our own premises or can organise a subcontractor under the supervision of our quality assurance organisation. In parallel, Saab will establish and maintain a fault history archive to capture usage, failure and corrective action data: information that is shared with the customer by providing a yearly failure report.

Software support

Provision of software support services can be provided, facilitating smooth modifications or changes within the operational software. Functionality upgrades, interface changes or cyber security are standard reasons for software modifications, as well as more customer specific requests. Software changes are provided using a reference system where the current software version is running and from where changes reflecting a new configuration are made. The reference system is used for an adequate verification once the implementation is made. Reference systems are normally situated at Saab's premises but can also be located at or close to the customer or end user.

Technical support on site

Saab's responsibility for a solution does not end after a completed and approved installation. A Support Agreement normally includes several predefined visits of skilled support engineers or in-country support executed by a permanent residential engineer from Saab.

Obsolescence management

Obsolescence monitoring and management is an important undertaking within a Support Agreement. In the event of a component approaching obsolescence, Saab will notify the customer with a suggestion for component stockpiling and/or replacement.

Training and documentation

Saab provides secondary operational or maintenance training at the customer's premises, securing transfer of vital knowledge to new technicians and operators. Training can also be conducted as On-The-Job-Training (OTJT), which is more of "hands-on" training on-board, made by Saab's well-experienced service engineers. During any training, the system documentation is important and used to provide each user with the information they need to operate and maintain the system. Upon request, Saab can provide uniquely adapted documentation that reflects an individual customer's day-to-day use of the system.

SERVICES	SERVICE BLOCK	SERVICE LEVEL EXAMPLES 1	2	3	4
Management	Point of Contact	●	●		
	Service Management		○	●	●
Engineering	Configuration Management		○	●	●
	Obsolescence Monitoring		●		
	Contractor Obsolescence Management			●	●
	Engineering Investigations (PDS task)		○	○	○
	Service Desk		○	●	●
Maintenance	Accesses to Saab Spare Part Tool			●	●
	OEM Repairs (Depot level)		○	○	●
	On-Site support / Assistance		○	○	●
	Resources, means and infrastructure		●	●	●
Supply	Spare Part Supply		○	○	●
	Measures for requested lead times		●	●	●
Training	Training		○	○	○

KEY
- ● Always available
- ● According to support agreement
- ○ Optional



Extending the lifecycle

Modern naval vessels have a life expectancy time exceeding 25 years. To ensure continuous development during this time, Saab provides long-term technical support. This includes the provision of spare parts and repairs on top of a variety of services in order to improve reliability, availability, maintainability and testability throughout the system's operational lifecycle.

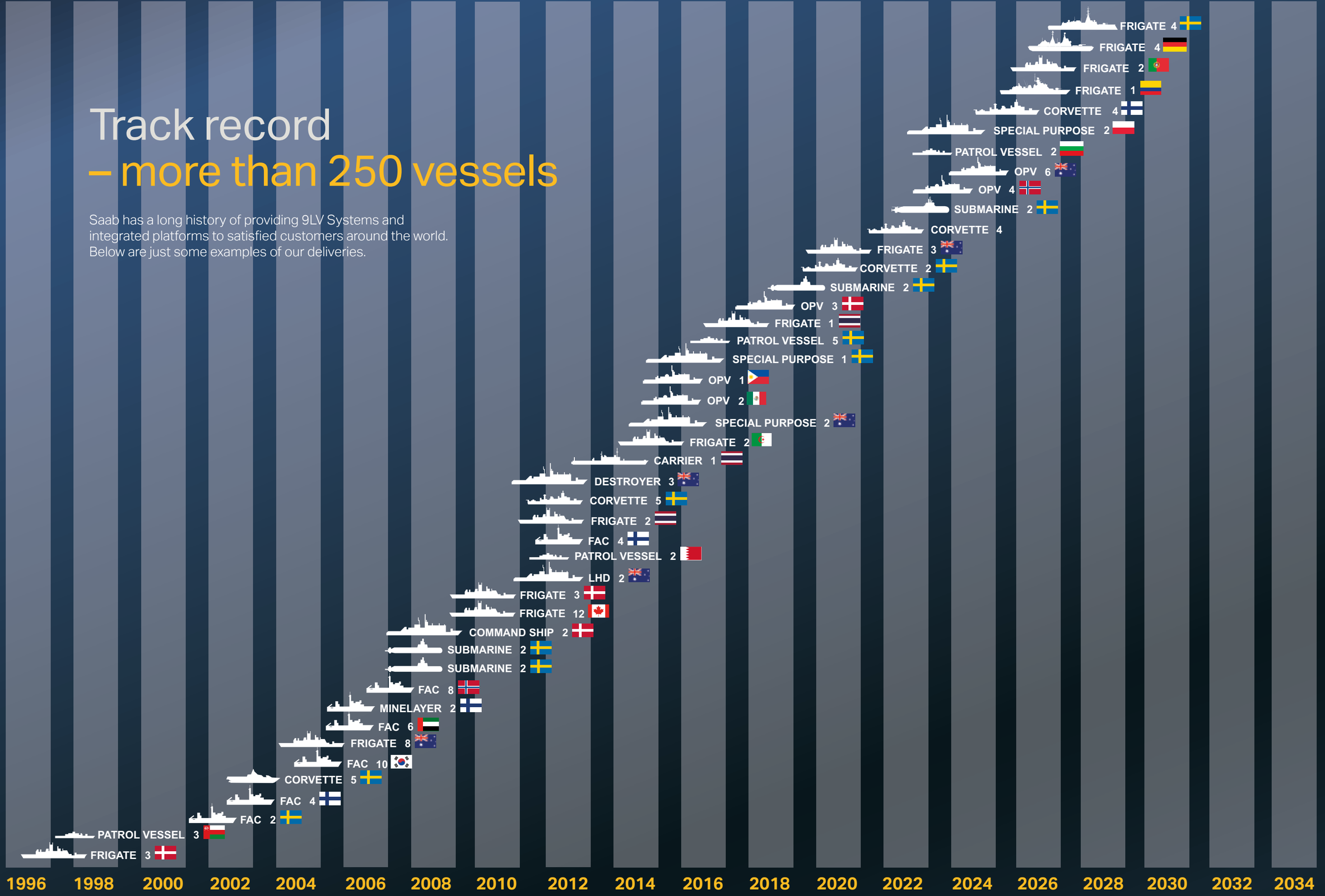
Extending the system lifetime can be achieved through an overhaul of an existing 9LV system, a complete replacement, or a combination of overhauling the current system and integrating 9LV parts from the latest generation. Recommissioning and reusing well-maintained 9LV parts on newly commissioned vessels is another option. The choice is yours.

The next generation 9LV Combat System is built around a hardware- and software-agnostic architecture, helping reduce the impact of obsolescence and allowing selected hardware elements to be replaced or upgraded without requiring the entire system to be replaced.

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM

Track record – more than 250 vessels

Saab has a long history of providing 9LV Systems and integrated platforms to satisfied customers around the world. Below are just some examples of our deliveries.



Working with Saab

The true needs of the navy

Saab's extensive experience in the naval domain has made us a trusted partner to navies around the world. We build long-term relationships by understanding the customer's operational needs and providing support throughout the system's lifecycle – from early concept development and the shaping of tailored solutions to integration, maintenance and future upgrades. As a Combat Systems provider, Saab recognises that long-term success depends on understanding not only the technical requirements, but also the needs of the people who will operate and maintain the system.

A flexible global partner

Every naval programme has its own requirements, responsibilities and delivery structure. Saab works with leading companies in the naval domain and adapts its role to each customer and programme. We can take overall responsibility for the Combat System, lead system integration or contribute as a specialist supplier within a wider programme.

This flexibility enables Saab to work with different partners and suppliers, combining capabilities and expertise to deliver an integrated solution that meets the customer's needs.

Local presence, local partnerships

A strong local presence helps Saab understand customer needs, national priorities and local conditions. Saab operates in more than 30 countries and serves customers in over 100 countries.

Through cooperation with local industry and long-term partnerships, Saab supports the development of national capabilities and local expertise. Depending on the customer's requirements, this can include technology transfer, industrial cooperation, product adaptation, maintenance and in-country support. The aim is to create sustainable solutions that deliver value well beyond the initial delivery.

» Saab is a dedicated and trusted supplier of naval combat systems.

THE NEXT GENERATION 9LV NAVAL COMBAT SYSTEM



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