

GRIPEN F

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# Bring on the future battlespace

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Gripen F:  
Unlocking future potential.  
Again and again.



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## Introduction

Gripen F is not a static asset. It is a living system designed to evolve with the needs of modern air forces. Built on an open architecture and a philosophy of adaptability, Gripen F ensures that you are always one step ahead.



The future is  
**manned-unmanned**

The future is  
**adaptability**

The future is  
**Gripen**

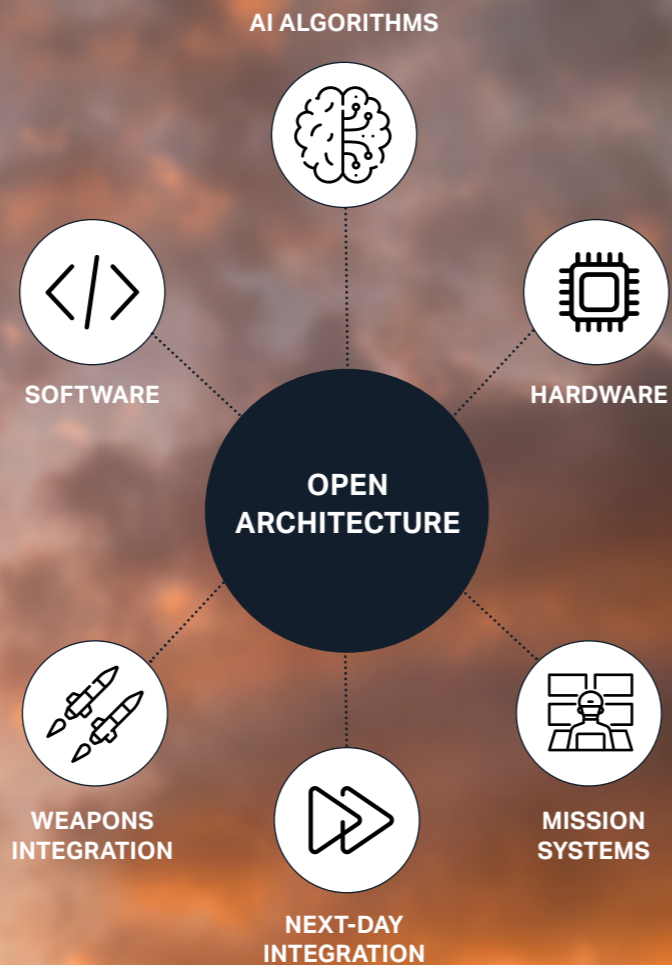
A system that evolves.  
A capability that adapts.  
A fighter built for the future battlespace.

# Adaptability beats predictability

The operational environments of the 21<sup>st</sup> Century are defined by rapid transformation. New weapon systems, advanced materials and the omnipresence of Artificial Intelligence have created a battlespace where threats evolve in weeks, not years. Traditional doctrines are no longer sufficient.

Gripen F is built to embrace this reality. Inheriting the revolutionary avionics architecture of the Gripen E, it is designed for next-day integration. Whether it is new software, advanced AI algorithms or next-generation hardware, Gripen F can be re-equipped almost immediately.

We cannot predict the exact nature of tomorrow's threats, but we can build a system that adapts faster than any other. Gripen F is not a static asset, it is a living system that grows with the needs of your air force, ensuring you remain at the cutting edge for decades.



# Orchestrating the future

The future of air combat is about leading connected manned, unmanned and AI-driven platforms. With open architecture and advanced systems, Gripen F enables the rear-seat operator to command, monitor and coordinate multiple unmanned systems in real time.

AUTONOMOUS SENSORS

FRIENDLY FORCES

SATCOM DATA LINK

UAS SWARMS

EW ASSETS



**SYNCHRONIZED STRIKES:**

Coordinating precise, multi-axis attacks with zero margin for error.



**FORWARD SENSING:**

Pushing unmanned assets into denied airspace to gather intelligence.



**DIRECTING SWARMS OF UAS:**

To overwhelm enemy defences.

By bringing the battle manager to the front line, Gripen F ensures that human decision-making remains at the centre of the loop, augmented by AI to handle sheer volumes of data. This is human-machine collaboration at its finest.

THREATS



COMMAND & CONTROL

# Enhanced training effect

Time is the most critical resource in modern warfare. The traditional path to combat readiness - moving from basic trainers to intermediate jets before reaching the front line - is slow, costly, and fragmented. Gripen F changes this equation entirely. By combining Gripen E and F, air forces can merge conversion and lead-in training onto a single, fully operational platform. There is no need for intermediate aircraft. Pilots can train directly in the system they will fly in combat.



#### ACCELERATED READINESS:

Reduces overall training time drastically.



#### COST EFFICIENCY:

Eliminate the need for separate ground support, maintenance teams, and budgets for different aircraft types.



#### SEAMLESS TRANSITION:

Identical cockpit architecture, avionics, and weapon systems mean zero learning curve between training and deployment.



#### REAL-TIME TRAINING

Experienced instructors provide live, real-time coaching in the actual combat environment. This accelerates the acquisition of tacit knowledge, producing pilots who are truly battle-ready.

Same platform.  
Same staff. Same system.  
Faster training, faster readiness.



# Not just a trainer, a force multiplier

Why does an air force need a two seat fighter when advanced simulators exist? Because simulation cannot replicate the physiological and psychological reality of high-stress combat. The Gripen F is a strategic asset designed for the most demanding operational scenarios.

In high-threat airspace, simultaneous threats, workload and decision pressure increase rapidly. With two pilots sharing tasks, supported by advanced AI, they can maintain superior situational awareness, distribute workload and respond faster to evolving threats. This combination enables enhanced combat effectiveness while ensuring that critical decisions remain firmly under human control.



The Gripen F maximises the **OODA** strategic decision-making cycle: **Observe, Orient, Decide and Act** designed to accelerate reactions and provide an advantage in complex and dynamic environments.



#### REAR SEAT

Outer OODA loop  
mission orchestration

2X

#### FRONT SEAT

Inner OODA loop  
head-to-head fight



#### WORKLOAD DISTRIBUTION:

One pilot focuses on the head-to-head fight and the inner OODA loop (Observe, Orient, Decide, Act), while the second manages the outer OODA loop, coordinating the broader battlespace.



#### SUPERIOR SITUATIONAL AWARENESS:

Two human brains maintain control over the situation even in "squeezed" situations where sensors are jammed.



#### RESILIENT COMMAND:

The second crew member acts as the orchestrator of the mission, ensuring that command and control remain robust even when tactical data are degraded.

In complex, high-threat environments, the dual-pilot configuration significantly enhances situational awareness, decision-making, and mission execution.

# One fighter, multiple applications

The Gripen F is a true multirole platform, capable of executing every mission required by modern air forces. It can carry the same weapons and sensors as the Gripen E, ensuring no compromise in capability.



#### AIR-TO-AIR

Dominating the skies with advanced Active Electronically Scanned Array (AESA), Infra Red Search and Track (IRST) and electronic warfare and beyond-visual-range missiles.



#### AIR-TO-GROUND

Delivering precision effect with guided munitions, maritime strike, electronic warfare and close air support.



#### ELECTRONIC WARFARE

Conducting sophisticated electronic attack and suppression of enemy air defences in the most contested environments.



#### SURVEILLANCE & ISR

Gathering critical intelligence with sophisticated sensors and advanced data fusion.

Whether in peace or conflict, the Gripen F is the right fighter for the right purpose. It is a versatile asset that maximizes fleet utilization and operational flexibility.

# The power of the Gripen family

Gripen E and Gripen F are not two different aircraft. It is one super-competitive, flexible fighter system produced in two versions. This unity is the key to its success.

By choosing the Gripen E and Gripen F together, air forces gain the benefits of a single system:



#### UNIFIED LOGISTICS:

One supply chain, one maintenance program, one training curriculum.



#### SHARED KNOWLEDGE:

Pilots and technicians move seamlessly between the single and two-seat variants.



#### OPTIMISED BUDGET:

Consolidating resources into one high-performance platform reduces total cost of ownership.



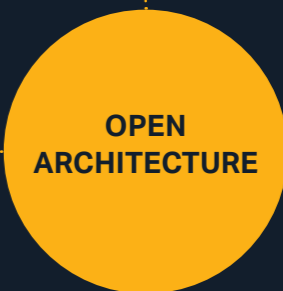
#### COMMON TECHNOLOGY

Same advanced sensors, avionics, weapons and systems.



#### COMMON TRAINING

One curriculum, one standard, one advantage.



#### OPEN ARCHITECTURE



#### MAXIMUM EFFICIENCY

Greater capability. Lower total cost. Higher readiness.

Gripen E and Gripen F form an unstoppable ecosystem that delivers maximum efficiency, readiness and combat power.

# Teaming up for new possibilities

The development of the Gripen F is a testament to the power of international collaboration. Born from the strategic partnership between Saab and Brazilian industry, the Gripen F represents a shared vision of the future of air power.

As the launch customer, Brazil played a pivotal role in the design and development of the two-seat variant. Brazilian engineers from Embraer, AEL Sistemas, and Akaer were deeply involved in every phase, from structural design to avionics integration. This partnership has not only delivered a world-class fighter but has also strengthened Brazil's aerospace and defence industry, positioning the country as a global hub for advanced fighter technology.

The Gripen F is now expanding its global footprint with orders from Colombia and Thailand.

## A GROWING GLOBAL PARTNERSHIP



### BRAZIL

#### LAUNCH CUSTOMER

A strategic partner and co-developer, driving innovation and strengthening the national aerospace and defence industry.



### THAILAND

#### OPERATOR

Joining the Gripen F family to enhance regional security and air power modernization.



### COLOMBIA

#### OPERATOR

Expanding the Gripen F community with a focus on capability and operational excellence.

## THE BRAZILIAN GRIPEN PROGRAMME

### A PARTNERSHIP BUILT ON TRUST, SHARED VISION AND INDUSTRIAL EXCELLENCE



#### SHARED DEVELOPMENT

Joint design and development of the Gripen F.



#### INDUSTRIAL COLLABORATION

Deep involvement of Brazilian companies and engineers.



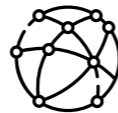
#### TECHNOLOGY TRANSFER

Knowledge sharing that strengthens local capabilities.



#### INDUSTRIAL GROWTH

Building a robust aerospace and defence ecosystem.



#### EXPORT HUB

Brazil as part of Gripen's supply chain.

# Performance with purpose

Gripen F is built for training, mission command and multirole operations — with the performance, systems and commonality required for the future battlespace.



LENGTH OVERALL  
15.9m

WIDTH OVERALL  
8.6m



#### LETHALITY – CHOOSE YOUR WEAPONS

The Gripen F has 10 external hardpoints for weapons carriage, offering some of the best options currently available worldwide. Its architecture also enables, in a highly simplified and unparalleled way, the integration of weapons already available in the arsenals of the air forces that choose Gripen.



Keeping people  
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