



WHATEVER YOUR PAST
THE FUTURE IS GRIPEN NG



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GRIPEN **NEXT GENERATION** (NG)

GRIPEN NEXT GENERATION (NG) is a fully NATO interoperable, true multi-role fighter with outstanding availability, tailored for the future Net Centric Warfare (NCW) environment. Gripen NG will meet the demanding operational requirements of the 21st Century Air Force and its unrivalled multi-role capability provides excellent tactical flexibility.

GRIPEN NG OFFERS operational dominance and flexibility with superior mission survivability. Air-to-air superiority is guaranteed with METEOR, AMRAAM, IRIS-T, AIM-9X missile capability and supercruise. Air-to-surface capability is assured through the use of the latest generation precision weapons and targeting sensors. Gripen NG's superior situation awareness is ensured through an AESA (Active Electronically Scanned Array)

radar,IRST (Infrared Search And Track) passive sensor, HMD (helmet-mounted display), cutting edge avionics, next generation data processing and a state-of-the-art cockpit.

THESE FEATURES TOGETHER with proven Net Centric Capabilities, including advanced data communications, dual datalinks, satellite communications and video links, coupled with enhanced range and endurance due to increased fuel capacity and increased thrust from its powerful General Electric F414G Turbofan engine makes Gripen NG the ideal independent fighter of choice. Gripen NG offer outstanding agility and high instantaneous turn rates providing unrivalled performance in close combat. On board sensors, in combination with HMD/NVG, deliver the ability to detect and destroy a wide variety of targets, even at night or in poor weather conditions.

STATE-OF-THE-ART technology, modern materials, integrated computer systems and advanced aerodynamics have produced a high performance fighter with a very low life cycle cost. Cost-effective, reliable, versatile and with a significant built-in growth potential, Gripen NG is both fully NATO and globally interoperable.

GRIPEN OFFERS comprehensive industrial co-operation including technology transfer. We have a proven, unrivalled track record of delivering industrial co-operation programmes tailor-made to meet our customers' strategic priorities and to produce real economic growth and social value far beyond the fighter aircraft contract. A wide range of flexible alternative pricing and financing solutions are available, backed by the Swedish Government, ensuring an affordable solution.

GRIPEN NG FEATURES

- **Netcentric Fighter** - A truly Network connected next generation multi-role fighter with the world's most highly developed secure and multi-frequency data link.
- **Superior Sensor Fusion** - Latest generation avionic mission system with high computation power operating on ultra fast digital data bus highways.
- **Smart Digital Cockpit** - An advanced fully digital cockpit layout with large colour, Multi-Functional Displays (MFD) and Hands-On-Throttle-And-Stick (HOTAS) provides the pilot with a superior situation awareness.
- **See First - Kill First** - A combination of low

radar, IR and visual signatures, along with a state-of-the-art AESA radar, an Infra Red Search and Track (IRST) sensor and superior sensor fusion, including world leading new generation weapons integration, ensure a high kill ratio in any engagement.

- **Outstanding Agility** - The world's most agile fighter for close combat. A combination of advanced aerodynamic layout, utilizing a combined close-coupled canard - delta configuration and a triplex, digital Fly-By-Wire Flight Control System (FCS). A winning Dog-Fight capability in combination with the latest generation high off-bore sight missiles and Helmet Mounted Display (HMD).

- **High Operational Tempo** - Gripen's high operational availability, rapid turnaround and minimal support requirements enables sustained high sortie rates providing Commanders the ability to meet the most demanding operations with minimum resources.
- **Affordability** - Gripen NG achieves the lowest operating cost of any modern fighter. This is accomplished by combining advanced system design and modern commercial off the shelf (COTS) components with the highly reliable and powerful General Electric F414G engine.
- **Future development** - The Gripen is built to be adaptable to changing threats and operational requirements that a modern Air Force faces.

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