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**KONGSBERG**

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Kongsberg Defence & Aerospace AS (KDA) is part of Kongsberg Gruppen ASA (KONGSBERG), a Norwegian-based international technology enterprise with operations in 25 countries. With 1,595 employees, KDA had operating revenues of NOK 3,338 billion in 2007.

KDA's most important product areas in the defence market:

**Command and Weapon Control Systems**

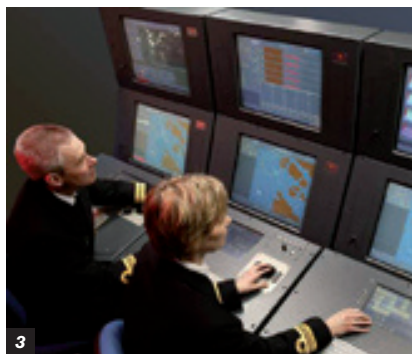
Since the early 1970s, Kongsberg has supplied various command, weapons control and information systems to all armed services. In cooperation with national and international companies, Kongsberg has participated in comprehensive programmes that especially cover the Royal Norwegian Armed Forces' recent and future investments.

*Air Defence:* In partnership with Raytheon, KONGSBERG offers one of the world's best short- to medium-range air defence systems, the SL-AMRAAM and HAWK XXI. The modular design and open system architecture allows for integration with other weapon systems and/or higher echelon units, ensuring maximum

flexibility for future growth. Adaptable to a number of tactical data links and interface message protocols, the systems are highly interoperable and increases combat power.

*Naval Systems:* Kongsberg's naval expertise and systems span the requirements of Naval Units from patrol crafts and mine counter measures through submarines to advanced frigates. Achievements in Underwater Warfare are so far to a large extent based on improvements in sonar technologies and the human ability to interpret. Kongsberg adds new dimensions to the performance of Underwater Systems by implementing the science and technologies from oceanography as well as new aids for improved interpretation of signals.

*C2IS – ComBatt Command & Control Information System for tactical Army operations:* The system has been developed in close cooperation with the users. Since ComBatt was fielded within the Norwegian Army in 2002, it has continuously been evaluated and modified based on experiences from large multi-national exercises as well as in international operations in Afghanistan.



1. NASAMS II test launch, Andøya Feb. 07.
2. The Naval Strike Missile (NSM) is an anti-ship and land-attack missile from KONGSBERG.
3. Naval Command and Control System.
4. Army C3I - ComBatt.

**BMS – Battlefield Management System:**  
ComBatt BMS is a “C2IS on the move” and the main purpose of the system is: Where am I, where are my buddies, where is the enemy?

The system supports manoeuvre operations at company, platoon and squad level.

### Surveillance

Situational awareness is a key factor for airports, seaports, coastal authorities and land border authorities. Over the years, Kongsberg has developed and delivered optimized surveillance solutions within a range of areas requiring situational awareness, situation management and decision making.

### Dynamic Systems

When NATO restructured their forces during the last decade and established the Immediate Reaction Forces (IRF), the need for light armoured vehicles came into being. These vehicles would also need light and medium calibre weapons for self-defence. Among several demands, protection of the gunner was most important.

*Remote Weapon Station:* The Kongsberg PROTECTOR Family with more than 3 000 systems in service world wide represents a wide range of quality products, mounted on multiple platforms. Kongsberg is providing five different Remote Weapon Stations; M151, CROWS, NM221, PROTECTOR Lite and Sea PROTECTOR. As of May 2008 PROTECTOR has been chosen by 14 nations and Kongsberg continues to be the world’s leading provider of Remote Weapon Stations.

The battle proven PROTECTOR Remote Weapon Stations is developed to protect military personnel in armoured vehicles. Weapons and sensors are mounted on the outside, while the operator remotely controls the system from a protected position inside the vehicle.

### Communications

Kongsberg has been supplying mobile communication systems to more than 30 countries around the world. The equipment is used in all kinds of user conditions, ranging from arctic, desert and rain forest environments. Kongsberg systems are typically used on Brigade and below. The product range includes wide area systems including radio relays and switches as well as fully mobile and soldier oriented radio equipment.

### Missiles

In 1996, Kongsberg signed a contract with the Royal Norwegian Navy for the development of a new generation anti-ship missiles – the New anti-Ship Missile (NSM). NSM is designed for littoral waters, however, is as well suited for open sea scenarios.

The advanced design allows the missile to fly around islands and over landmasses. NSM has furthermore capabilities for the detection and engagement of both surface targets and targets on land. Through its long range, advanced navigation system, low Radar Cross-Section combined with sea skimming target approach, NSM offers exceptional defence penetration capabilities.

### Simulation & Training

Kongsberg has been a supplier of simulators and trainers in the international market for the last three decades. The company has accumulated a unique experience across the complete spectrum of training systems, ranging from small simulators to complex military team trainers.



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1. Remote Weapon Station (RWS).

2. Communication Systems.