

Nuclear weapon producers

Companies significantly involved in nuclear weapons

Every one of the nine nuclear armed countries is spending significant resources investing in new, more usable, and more destabilizing nuclear weapons. In some of these countries, this work is done by private companies. The sprawling nuclear weapons complex is constantly dealing with cost overruns, security issues, and poor performance reviews. It was partly for this reason that the UK decided to renationalise its Atomic Weapons Establishment, providing Serco with an exit from the realm of nuclear weapons producers. In the U.S. several board members from nuclear weapons producing companies are also on the boards of not-for-profit entities involved in the management and operation of the nuclear weapons complex.

Companies:

Aerojet Rocketdyne	Groupe REEL	Raytheon Technologies
Airbus	Honeywell International	Rostec
BAE Systems	Huntington Ingalls	Rolls-Royce
Bechtel	Industries	Safran
Bharat Dynamics Limited	Jacobs Engineering	Thales
Boeing	L3 Harris Technologies	Walchandnagar Industries
China Aerospace Science and Technology (CASC)	Leidos	Limited
Fluor	Leonardo	Textron
General Dynamics	Lockheed Martin	
	Northrop Grumman	

Nuclear weapons related work:

Aerojet Rocketdyne

Aerojet Rocketdyne manufactures the boost propulsion system for all U.S. and UK nuclear-armed missiles.

Airbus

Airbus is significantly involved in two joint ventures contracted to produce key components for the French nuclear arsenal. Airbus owns 37.5% of MBDA and half of ArianeGroup. ArianeGroup is the prime contractor for French M51 nuclear missiles. The prime contractor for France's next generation nuclear missile is MBDA France.

BAE Systems

BAE Systems is involved in the French, UK and U.S. nuclear arsenals. BAE Systems is significantly involved in the French nuclear arsenal through its 37.5% ownership of MBDA, the prime contractor for the air-launched nuclear missiles of France. BAE is also involved in system engineering, training, technical support and development of the U.S. Minuteman III system. BAE Systems also provides supply support and information technology services for the Trident II (D5) Strategic Weapon System.

Bechtel

Bechtel manages and operates three U.S. facilities involved in modernising nuclear warheads: the Lawrence Livermore National Laboratory, the Pantex plant and the Y-12 National Security Complex.

Bharat Dynamics Limited

BDL is the prime production agency for the Indian Integrated Guided Missile Development Programme. It is involved in several nuclear capable missile programmes, including the Prithvi and Agni systems, and provides support for life extension programmes.

Boeing

Boeing produces the guided tail kit for the U.S. B61-12 gravity bomb. Boeing also produces the B-1 and B-52 bombers, considered by the US as part of their nuclear arsenals. It is also responsible for maintenance, repair, and rebuilding in support of the navigation subsystem of the Trident II (D5) nuclear weapons for the US and UK, and the guidance system of the U.S. Minuteman III.

China Aerospace Science and Technology (CASC)

CASC states that it is the only manufacturer of intercontinental strategic nuclear missiles in China.

Fluor

Fluor is the lead company operating two U.S. facilities that produce nuclear components for their nuclear arsenal.

General Dynamics

General Dynamics is responsible for integrating Trident nuclear weapons in the new U.S. Columbia-class program and the United Kingdom Dreadnought-class submarines.

Groupe REEL

Groupe REEL is the main subcontractor responsible for French submarine-launched nuclear-armed ballistic missiles, the M51.

Honeywell International

Honeywell is responsible for manufacturing and procuring non-nuclear components for nuclear weapons including electronic, mechanical and engineered material components. Honeywell also produces and maintains the pendulous integrated gyroscopic accelerometer for the Minuteman III missile.

Huntington Ingalls Industries

Huntington Ingalls Industries is part of three joint ventures managing and operating U.S. nuclear weapons facilities: Los Alamos National Laboratories (via Triad National Security); the Nevada Nuclear Security Site (via Mission Support and Test Services), and the Savannah River Site and Savannah River National Laboratory (via Savannah River Nuclear Solutions, LLC).

Jacobs Engineering

Jacobs is part of the consortium operating the U.S. Nevada National Security Site, which produces nuclear weapons components (primary, secondary, nonnuclear) as well as strategic materials capabilities and productions.

L3 Harris Technologies

L3 Harris produces flight test instrumentation support and services related to the Trident II (D5) nuclear missile.

Leidos

Leidos managed facilities remanufacture the components for and assemble the B61-12 nuclear gravity bomb.

Leonardo

Leonardo is significantly involved in the French nuclear arsenal through its 25% ownership of MBDA. MBDA is the prime contractor for the ASMPA, the air-launched nuclear missiles of France.

Lockheed Martin

Lockheed Martin is the main producer of Minuteman III re-entry systems. Lockheed Martin is also responsible for the construction of the Trident II (D5) nuclear missiles for both the UK and the US.

Northrop Grumman

Northrop Grumman manufactures key components for the U.S. Minuteman III system, the B61-12 gravity bombs, and the Trident system in use by the US. and UK. Northrop Grumman's biggest nuclear weapons project is the Sentinel (formerly known as the Ground Based Strategic Deterrent), the new intercontinental ballistic nuclear weapons system the US. is building.

RTX (formerly Raytheon Technologies)

RTX is building the replacement system for the AGM-86 air-launched cruise missile. Raytheon also provides communication installation and sustainment support for the Minuteman III missile system.

Rostec

Rostec produces the Iskander-M missile system. SpecChemistry JSC, one of the Rostec entities, produces over 80% of necessary components for Russian missiles.

Rolls-Royce

Rolls-Royce, along with BAE Systems and the UK Submarine delivery agency, forms the Dreadnought Alliance consortium, tasked with building the next generation of UK nuclear-armed submarines.

Safran

Safran is a 50% owner of ArianeGroup, contracted to produce French M51 nuclear missiles. Subsidiaries of Safran also producing solid propulsion systems for the French ASMPA missile systems.

Thales

Thales owns 35% of Naval Group, which is contracted to produce nuclear armed submarines for France.

Walchandnagar Industries Limited

Walchandnagar Industries Limited produces launching systems for the Indian Agni series of nuclear armed missiles.

Textron

Textron is building several components for the U.S. Minuteman III missile system, including multiprobe antennas and the missile midsections.

Additional information may be found in the following reports:

- [Risky Returns, a Don't Bank on the Bomb report](#), published by PAX and ICAN, December 2022.
- [Wasted: 2022 Global Nuclear Weapons Spending](#), published by ICAN, June 2023.

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