Indian Defense Services

Sectoral Snapshot

Report: Defense Services in India

The Indian Armed Forces, the military forces of India are comprised of Indian Army, Indian Navy, and Indian Air Force. Supported further by the Indian Coast Guard and paramilitary organizations, institutions such as the Strategic Forces Command, the Andaman and Nicobar Command, and the Integrated Defense Staff, the IAF is governed by the Ministry of Defence (MoD) of the Government of India, with The President of India as the Supreme Commander.

![Image](fig_1.1)

Source: INDIANDEFENSE NEWS: Contribution of Indian firms towards defense market

Various industry giants like Reliance, Tata, Bharat, Mahindra, and Lloyd are participating towards enriching Indian defense through ventures in spacecraft, aircrafts, ammunitions, etc. India stands third (fig. 1.2), in terms of Aircraft strength after USA and China, with a total aircraft strength of 1,785.
With more than 1,325,000 military personnel actively safeguarding the nation round-the-clock, India is marginally behind the USA in terms of active military.

Indian has strong ties with Russia and the two countries are working together to build a stronger defense system. According to a recent report, Russian company Rostec State Corporation is soon going to strike a deal with India for building six conventional submarines for the country.

With a fast growing and internationally competitive manufacturing sector, India is on its path to becoming the manufacturing hub for world corporations.

Organizations like BEL, BDL, MIDHANI, BEML, OFB, and BRAHMOS are dedicated to strengthening the defense system of India by using state-of-the-art technologies and research laboratories.
• The Indian Aerospace industry is also growing at a tremendous rate. Hindustan Aeronautics Limited (HAL), controlled by the government of India, is ranked 34th in the list of world’s top 100 defense companies. It’s also a major partner with the Indian Space Research Organization (ISRO) and has a dedicated Aerospace division for manufacturing the structures and assemblies for the launch vehicles and satellites.

• Defence Research Development Organization (DRDO) is a network of 52 defense laboratories dedicated to the R&D in defense technologies for aeronautics, armaments, missiles, naval systems, etc.

• A Bengaluru based startup team named ‘Indus’ is the only Indian entry in the ‘Google Lunar XPRIZE’ competition for $30 million.

• With a mix of young and experienced scientific minds, Team Indus has successfully completed the pre-requisites of the competition and has developed a Lunar rover named ‘Indie’, which weighs 10 kgs and can transmit HD images from the Moon back to the Earth.
Bilateral partnership between the US & India has strengthened over the last decade, especially after signing the New Framework for Defense Cooperation in 2005.

India conducts more military exercises with the U.S. than any other nation. The U.S. Army, Marines, Navy, and Air Force too have participated in a lot of exercises with India.

A recent agreement, the Logistics Exchange Memorandum of Agreement (LEMOA), signed by the two countries will allow them to use each other’s military services to keep in check, the growing influence of China in Asia, and growing terrorist activities. In addition, their armed forces can operate from each other’s bases.

Among other agreements to be finalized among them are Communications Interoperability and Security Memorandum of Agreement (CISMOA) and Basic Exchange and Cooperation Agreement for Geo-Spatial Cooperation (BECA).

### Resources