

Change of Global Security Environment and Importance of International Cooperation

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Change of Security Environment (1)

- Non-state actors are rapidly expanding their presence, causing serious terrorism in many parts of the world. It has become a reality and threat that non-state actors use WMD by acquiring sensitive technologies.
- North Korea's nuclear tests and series of ballistic missile launches are serious threat in east Asia.

[Europe]

- Terrorist attacks in Paris in Nov 2015. Truck attack in Nice in Jul 2016.
- Bombings in Brussels in Mar 2016.
- Terrorists seeking atomic materials (dirty bomb). Possible use of drones for CBW.

[North Korea]

- 4th and 5th nuclear tests in Jan and Sep 2016
- Series of ballistic missiles launches including satellite launch and SLBM. (more than 20 times in 2016)

[South East Asia]

- Bombing in Bangkok in Aug 2015.
- Bombing in Jakarta in Jan and Jul 2016.
- Attack in Dhaka in Jul 2016.

[Africa]

- Shopping mall attack in Nairobi in Sep 2013.
- Continuous terrorist attacks in Nigeria.

[Middle East]

- Conflicts in Syria and Iraq. Actual use of chemical weapon (mustard gas, chlorine gas).
- Ballistic missiles launch by Iran in Mar 2016.
- Airport attack in Istanbul in Jul 2016.

Change of Security Environment (2)

- Civil technology becomes an important element of advanced defense equipment and the importance of civil technology in terms of security is increasing.

<Carbon Fiber>



Golf shaft



Structural material for fighter

<Power Semiconductor>

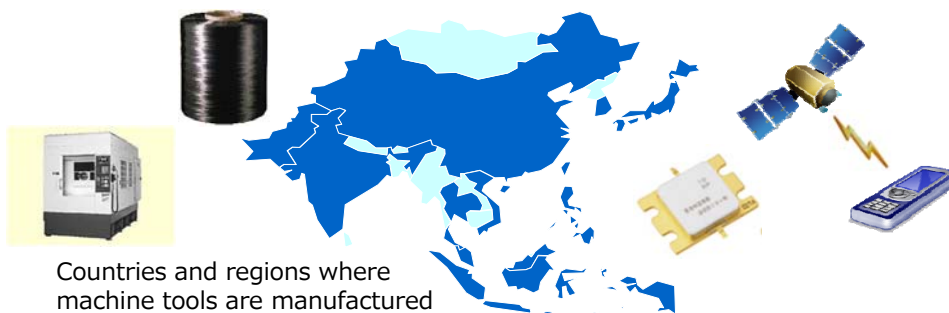


Power amplifier



Rader for naval ship

- Asian countries are increasing their production capacity of sensitive dual use items. In addition, the importance of Asian ports as a hub for global and regional trade is rising.



Diversified Procurement Activities

- Although many countries have established export control systems, entities of concern have diversified procurement activities by circumventing trade, using third country, front company or falsifying information, etc.



- In addition to circumventing trade, entities of concern have acquired sensitive technology through
 - academic activities and research project - access to and exchange of information and data via intangible technology transfer (ITT)
 - business alliance and corporate acquisition - direct acquisition of R&D capability, access to new business network

- In order to maintain international peace and security, Japan has conducted comprehensive security export control in accordance with respective international export control regimes, relevant UN Security Council resolutions, etc.
- In particular, Japan has taken stringent measures against North Korea including the bans of export and import.
- In addition, Japan has introduced stringent catch-all control for not only WMD but also conventional arms to address procurement activities by terrorist.
- Japan is also addressing to strengthen investment control and ITT outreach, and to enhance penalties against violation of law.
- While adhering to the basic principle as a peaceful state, Japan has restricted exports of goods/technology which could be contributed to military activity.
- Japan has no intention to impede commercial business activity, so, in order to promote legitimate trade, close cooperation with foreign country such as information exchange is of greater importance.

Importance of Efforts for Strategic Export Control

- In order to address diversified procurement activities, establishment and development of comprehensive export control system in Asian region is important.
(Japan is also addressing to increase effectiveness of enforcement, investment control and ITT, etc.)
- For the purpose of effective export control, the following elements are keys.
 - Capacity building of licensing staff
 - Effective enforcement and interagency cooperation
 - Outreach to industry and academia (ITT control)
- International cooperation for effective export control and enforcement is getting more and more important .