

MAJOR DUTIES**Cyber Security**

Major Duties Cyber Security

Protects national security against cyber threats including DDoS attacks

The development of the Internet and IT technology has proceeded apace. This has benefited society in many ways, but it has also greatly increased the risk of cyber attacks on computer networks including hacking attacks and computer virus infections. The NIS defends the cyber networks of government and public entities and financial institutions from cyber threats.

Oversees national cyber security policy

- Cyber attacks continue to occur, as evidenced by the DDoS attacks against the websites of major domestic agencies on July 7, 2009 and March 4, 2011.
- For comprehensive and systematic cyber security at the national level, the NIS oversees policy on cyber security by formulating and coordinating the execution of such policy and devising necessary schemes and guidelines.

Prevents cyber crises and detects attacks

- The NIS engages in preventive activities. It constantly monitors major national computer networks and conducts simulation training. If the NIS detects any sign of a cyber threat against government or public institutions' IT networks and ascertains concrete threats, it issues a warning, indicating the level of risk.

Investigates cyber violations and supports recovery

- In the event of cyber violations including attacks by hackers, the NIS discovers their cause and take actions for timely recovery of the affected systems. It also provides security technology to prevent recurrence of such incidents.

Provides public information services concerning cyber security

- The NIS receives reports and counseling requests on industrial espionage by telephone (111 Call Center) and at [the website of the 111 Call Center](#). It also operates [the website of the National Industrial Security Center](#) and provides information on industrial security to appropriate agencies and civilians, gradually expanding its public information services.

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