



Export Controls in a Changing Global Security Environment

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The Challenges of Today's Global Security Environment

- Unpredictable threat patterns
- Military modernization (and miniaturization)
- Conventional weapons of mass destruction
- Regional instability (civil, domestic, foreign)
- Globalization and economic development
- Complex supply chains
- Emerging technologies
- Cyber-intrusion



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Full-Spectrum Countermeasures

- Unpredictable threat patterns
- Military modernization and miniaturization
- Conventional weapons of mass destruction
- Regional instability



- ❖ International cooperation, collaboration, implementation and enforcement
 - UN Security Council Resolutions
 - Multilateral export control regimes
 - Treaty alliances and commitments
 - Bilateral agreements
- Data/intel sharing



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- ❖ Legal Authority needs to enable implementing regulations that :
 - Adapt to changing threats; effectively enforce; and impose meaningful penalties
 - Facilitates an all of government review to leverage resources
- ❖ Targeted export controls (anti-terrorism, human rights, regional stability)
- ❖ Effective catch-all (beyond WMD)
 - Military catch-all
 - Expanded Entity-List
- ❖ Country specific controls
 - North Korea
 - Iran
 - Syria

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Full-Spectrum Countermeasures

- Globalization and economic development
- Complex supply chains



- ❖ Export control cooperation
 - Capacity building
 - Bilateral and multilateral
 - Promoting transparency
 - Data exchange
 - Enforcement cooperation
 - Interdiction



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- ❖ Export controls are good for business
 - Stimulates foreign investment
 - Assures safe and secure destination for high technology goods (civil or military)
- ❖ Strategic Outreach
 - Transshipment/Transit hubs
 - Emerging/developing economies
 - Identifying countries (and transaction parties) of diversion concern.
- ❖ Streamlined licensing authorizations
 - License exception Strategic Trade Authorizations (chain of custody)
 - Validated End User
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- ❖ End use/user verification
 - Export Control Officer
 - Pre-license checks/post-shipment
 - Consolidated screening list

Full-Spectrum Countermeasures

- Emerging technologies
- Cyber-intrusion

- ❖ Controls on intangible technology transfers
 - Clear definitions
 - Cloud computing
 - Foreign nationals
 - Deemed exports/deemed reexports
 - Visa screening
- ❖ Strategic Outreach
 - Academia/universities
 - Government research laboratories
- ❖ Identifying emerging technologies
 - Technical Advisory Committees
 - Maintain a well trained, technically competent work force
 - Leverage interagency technical resources
 - Institutional and Government Policy on Dual Use Research of Concern

- ❖ Technology Control Plans
 - Corporate commitment
 - Physical security
 - Information security
 - Personnel screening
 - Training and awareness
 - Audit



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Summary

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