

Emerging Technologies

EXPORT CONTROL

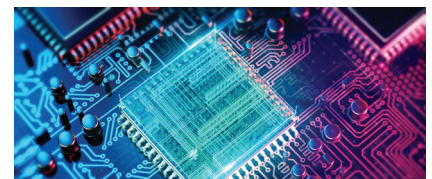
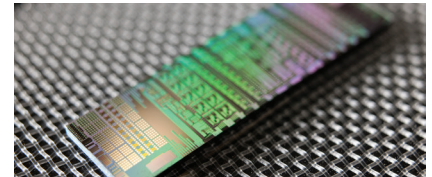
The federal government is identifying emerging technologies essential to US national security and placing new or additional export controls on these technologies. Starting in 2019, the U.S. Commerce Department's Bureau of Industry and Security (BIS) published export controls on several emerging technologies.

Please review this summary of emerging technologies and let the Export Control team (export@arizona.edu) know if you have any research or projects in these areas so we can work with you to ensure compliance.

TECHNOLOGY

ECCN

1. Hybrid additive manufacturing (AM)/ computer numerically controlled (CNC) tools	2B001
2. Computational lithography software designed for the fabrication of extreme ultraviolet (EUV) masks	3D003
3. Technology for finishing wafers for 5nm production	3E004
4. Digital forensics tools that circumvent authentication or authorization controls on a computer (or communications device) and extract raw data	5A004.b
5. Software for monitoring and analysis of communications and metadata acquired from a telecommunications service provider via a handover interface	5D001.e
6. Sub-orbital craft Sub-orbital craft	9A004.h 9A515.a
7. Artificial intelligence (AI) software relating to geospatial imagery analysis (Geospatial AI software)	0D521
8. Discrete microwave transistors (a major component of wideband semiconductors)	3A001
9. Continuity of operation software	3D005
10. Post-quantum cryptography	5A002
11. Underwater transducers designed for hydrophones	6A001
12. Air-launch platforms including for space	9A004



Please contact Export Control with any additional questions or comments.

Office email: export@arizona.edu

www.rgw.arizona.edu/export-control-program