

Critical and Emerging Technologies

Emerging technologies are reshaping global competition, raising security risks, and attracting new regulatory scrutiny. As governments increasingly view technological leadership and industrial policy as critical to economic and national security, companies developing and deploying new technologies confront a rapidly evolving patchwork of regulations, export and security controls, investment and data restrictions, and compliance requirements. At the same time, companies continue to address foundational questions of safety and security, governance, fairness, transparency, and accountability.

To seize the opportunities while smartly managing the risks, emerging technology companies turn to Jenner & Block's pioneering Critical and Emerging Technologies (CET) practice. CET is a multidisciplinary group dedicated to helping clients navigate the fluid legal landscape where cutting-edge technology meets geopolitical competition.

CET helps innovators focus on what matters: building for the future. Drawing on broad experience from the Situation Room to the board room, from investigations to regulations, from energy to export controls, and from cybersecurity to intellectual property, CET pairs a deep understanding of decision making at the highest levels of government – where discussions about global competition can quickly lead to game-changing legal and regulatory developments – with common-sense, client-focused solutions.

Innovation doesn't unfold one legal doctrine at a time. That is why we provide fully integrated counseling, bringing together firm-wide experience and knowledge so companies addressing these multifaceted challenges have lawyers who can do the same. CET combines market-leading capabilities from across Jenner & Block, including National Security and Crisis; Investigations, Compliance and Defense; Energy; Data Privacy and Cybersecurity; Communications, Internet, and Technology; Content, Media, and Entertainment; Government Controversies; and Corporate.

From strategic guidance to investigations, lawyers in CET work with critical and emerging technology companies to manage legal challenges across a variety of industries:

- Artificial intelligence and machine learning
- Cybersecurity and quantum computing
- Semiconductor design and manufacturing
- Cloud computing infrastructure and energy

- Autonomous systems and augmented reality

CET helps clients confront an increasingly complex global landscape with bespoke services to suit their needs, including:

- Managing compliance with evolving national security regulations and related government scrutiny
- Conducting privileged testing and reviews for high risk or highly regulated technology applications, including tabletop and red-team exercises
- Developing and auditing governance policies and procedures for emerging technologies, including to address security, safety, fairness, and privacy
- Counseling on geopolitical developments and risk management, including supply chain, technology diffusion, and data risks
- Preparing for and responding to investigations and incidents across jurisdictions
- Guidance on power and permitting for energy-intensive applications
- Supporting strategic growth, including financing, joint ventures, and mergers and acquisitions

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Related Capabilities

AI Task Force

Data Privacy and Cybersecurity

Energy

Investigations, Compliance, and Defense

National Security and Crisis