Office of Information and Communications Technology and Services (OICTS)

2024 Technology Prioritization

The Office of Information and Communications Technology and Services' (OICTS) 2024 technology priorities are compiled from three key tracks to respond to the most critical ICTS national security risks.

Track I priorities are the products of a narrow analysis of core information and communications technologies and services. This analysis relied on collaboration with DHS's Critical Infrastructure Security Agency to identify communication infrastructure technology functions that have inherent vulnerabilities and a lack of mature and widely adopted cybersecurity standards.

Track II priorities are a product of a methodology that reviewed restatements of executive branch technology priorities, collecting data points from documents such as the National Standards Strategy and the Critical and Emerging Technologies list, and then prioritizing technologies with the highest degree of maturity, commercialization, and foreign adversary investment.

Track III priorities list specific information and communication technologies under review in accordance with executive order or executive branch directive. This list compiles directives from the Department of Commerce Secretariat to ensure OICTS is aligned with executive priorities.

Track	Track I		Track II		Track III	
Priority	High	• Satellite Access Points • Mobile Network Hardware	High	• Advanced and Networked Sensors • Energy Generation and Storage • Autonomous Systems and Robotics • Semiconductors and Microprocessors	High	• Infrastructure as a Service • Advanced Cloud Services • Connected Vehicles
	Medium	• Network Security & Operations	Medium	• Artificial Intelligence • Space Technologies and Systems • Advanced Computing • Data Privacy and Cybersecurity Technologies	Medium	
	Low		Low	• Positioning, Navigation and Timing • Quantum Information Technologies	Low	