

| 1. ICTS to Be Used in a Designated Critical Technology Sector | 2. Network Infrastructure and Satellites | 3. Software, Hardware, Services Integral to Sensitive Personal Data Processing | 4. Monitoring, Home Networking, and Drones | 5. Communication Software | 6. Certain Emerging Technology Areas |
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| <p>ICTS that will be used by a party to a transaction in a sector designated as critical infrastructure by Presidential Policy Directive 21 – Critical Infrastructure Security and Resilience, including any subsectors or subsequently designated sectors.</p> <p>Note: <i>These sectors are listed online. The sectors are Chemical; Commercial Facilities; Communications; Critical Manufacturing; Dams; Defense Industrial Base; Emergency Services; Energy; Financial Services; Food and Agriculture; Government Facilities; Healthcare and Public Health; Information Technology; Nuclear Reactors, Materials, and Waste; Transportation Systems; and Water and Wastewater Systems.</i></p> | <p>Software, hardware, or any product or service integral to:</p> <p>(A) Wireless local area networks, including:</p> <ul style="list-style-type: none"> Distributed antenna systems Small-cell or micro-cell base stations <p>(B) Mobile networks, including:</p> <ul style="list-style-type: none"> eNodeB based stations Home subscriber servers gNodeB or 5G new radio base stations Mobile switching centers NodeB base stations Session border controllers Home location register databases Operation support systems <p>(C) Satellite payloads, including:</p> <ul style="list-style-type: none"> Satellite telecommunications systems Satellite remote sensing systems Satellite position, navigation and timing systems <p>(D) Satellite operations and control, including:</p> <ul style="list-style-type: none"> Telemetry, tracking and control systems Multi-terminal ground stations Satellite control centers Satellite uplink centers Satellite network operations <p>(E) Cable access points, including:</p> <ul style="list-style-type: none"> Core routers Core networks Core switches <p>(F) Wireline access points, including:</p> <ul style="list-style-type: none"> Access infrastructure datalinks Access infrastructure digital loops <p>(G) Core networking systems, including:</p> <ul style="list-style-type: none"> Core infrastructure synchronous optical networks and synchronous digital hierarchy systems Core infrastructure dense wavelength division multiplexing or optical transport network systems Core infrastructure internet protocol and internet routing systems Core infrastructure content delivery network systems Core infrastructure internet protocol and multiprotocol label switching systems Data center multiprotocol label switching routers Metropolitan multiprotocol label switching routers <p>(H) Long- and short-haul networks, including:</p> <ul style="list-style-type: none"> Fiber optical cables Repeaters | <p>Software, hardware, or any other product or service integral to data hosting or computing services, to include software-defined services such as virtual private servers, that uses, processes or retains, or is expected to use, process or retain, sensitive personal data on greater than one million US persons at any point over the 12 months preceding an ICTS Transaction, including:</p> <p>(A) Internet hosting services</p> <p>(B) Cloud-based or distributed computing and data storage</p> <p>(C) Managed services</p> <p>(D) Content delivery services</p> | <p>Any of the following ICTS products, if greater than one million units have been sold to US persons at any point over the 12 months prior to an ICTS Transaction:</p> <p>(A) Internet-enabled sensors, webcams, and any other end-point surveillance or monitoring device</p> <p>(B) Routers, modems and any other home networking device</p> <p>(C) Drones or any other unmanned aerial system</p> | <p>Software designed primarily for connecting with and communicating via the internet that is in use by greater than one million US persons at any point over the 12 months preceding an ICTS Transaction, including:</p> <p>(A) Desktop applications</p> <p>(B) Mobile applications</p> <p>(C) Gaming applications</p> <p>(D) Web-based applications</p> | <p>ICTS integral to:</p> <p>(A) Artificial intelligence and machine learning</p> <p>(B) Quantum key distribution</p> <p>(C) Quantum computing</p> <p>(D) Drones</p> <p>(E) Autonomous systems</p> <p>(F) Advanced robotics</p> |