Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR1.1: The IoTAB recommends a strategic national approach for taking full advantage of the opportunity presented by the IoT.		Key Recommendation 1.1: The IoTAB recommends a strategic national approach for taking full advantage of the opportunity presented by the IoT.			Added IoT website recommendation to the supporting prose
	Enabling Recommendation ER1.1.1: IoT must be added back to the critical and emerging technology list. Enabling Recommendation ER1.1.2: Congress should further improve and elevate inter-agency coordination.		Enabling Recommendation 1.1.1: IoT must be added back to the critical and emerging technology list. Enabling Recommendation 1.1.2: Congress should further improve and elevate inter-agency coordination.		
				Enabling Recommendation 1.1.3: Congress should monitor and track the progress toward the implementation of the IoT national strategy.	Integrated with KR1.1
	Enabling Recommendation ER1.1.3: The government should fully fund existing IoT research, development, deployment and demonstrations.		Enabling Recommendation 5.1.3: The government should fully fund existing IoT research, development, deployment and demonstrations.		
				Key Recommendation 5.1: The federal government should consider incorporating secure and updated IoT applications and systems into its own facilities, assets, and operations.	Removed - not necessary
	Enabling Recommendation ER1.1.4: The government should consider upgrading legacy federal owned or operated buildings that have inadequate security in their connected systems.		Enabling Recommendation 5.1.1: The government should consider upgrading legacy federal owned or operated buildings that have inadequate security in their connected systems.		
				Key Recommendation 5.2: The government should lead by example by promoting and enabling the use of IoT in those projects that are funded in full, or partially, by federal offices.	Integrated with ER1.1.4
	Enabling Recommendation ER1.1.5: The government should specify and use, for federally-funded projects, IoT technologies and applications that are energy efficient, sustainable, and "smart". Enabling Recommendation ER1.1.6: The federal government should continue to support and fund technology research, through industry, university and its national labs, to further advance and accelerate the development of IoT technologies and its enabling infrastructure.		Enabling Recommendation 5.2.1: The government should specify and use, for federally-funded projects, IoT technologies and applications that are energy efficient, sustainable, and "smart".		
				Enabling Recommendation 5.2.2: The government should consider the specification and utilization of IoT and "smart" technologies into infrastructure and other projects that are funded in full, or partially, with federal funding.	Integrated into ER 1.1.5
				Key Recommendation 5.16: [Preliminary Text: The government should consider research in the following areas to support the future state of IoT.	Removed - not necessary
				Enabling Recommendation 5.16.1: The government should research increased capabilities of IoT devices. [For Board Review - Proposed by Benson]	Removed - not necessary
				Enabling Recommendation 5.16.2: The government should research enabling robust infrastructure to support increasingly large number of IoT devices and systems. [For Board Review - Proposed by Benson]	Removed - not necessary
				Enabling Recommendation 5.16.3: The government should research methods to enable Usable AI for IoT. [For Board Review - Proposed by Benson]	Removed - not necessary
				Enabling Recommendation 5.16.4: The government should conduct research in the development of hyperconnected communications networks. [For Board Review - Proposed by Benson]	Removed - not necessary
				Enabling Recommendation 5.16.5: The government should research methods to enable the development of Human centric ambient IoT. [For Board Review - Proposed by Benson]	Removed - not necessary
Key Recommendation KR1.2: The government should accelerate IoT technology adoption as well as manufacturing for small businesses and startup organizations. This can be done via policies, procedures, and funding methods that specifically target them.		Key Recommendation 5.15: The government should accelerate IoT technology adoption as well as manufacturing for small businesses and startup organizations. This can be done via policies, procedures, and funding methods that specifically target them.			
	Enabling Recommendation ER1.2.1: The government should accelerate the adoption of IoT technologies manufactured by small business and startup organizations through targeted Federal Government programs, policies, procedures, and funding methods.		Enabling Recommendation 5.15.1: The government should accelerate the adoption of IoT technologies manufactured by small business and startup organizations through targeted Federal Government programs, policies, procedures, and funding methods.		Note - 1.2.1 is about federal adoption of small bus. IoT, 1.2.2 is about general support for small bus IoT
	Enabling Recommendation ER1.2.2: The government should accelerate the adoption of IoT technologies manufactured by small business and startup organizations.		Enabling Recommendation 5.15.2: The government should accelerate the adoption of IoT technologies manufactured by small business and startup organizations.		Note - 1.2.1 is about federal adoption of small bus. IoT, 1.2.2 is about general support for small bus IoT
Key Recommendation KR1.3: The government should promote international collaboration in IoT adoption across global supply chains to share knowledge, best practices, and resources.		Key Recommendation 5.14: The government should lead international efforts related to the adoption, implementation, and promotion of IoT.			
			Enabling Recommendation 5.14.1: The government should promote international collaboration in IoT adoption across global supply chains to share knowledge, best practices, and resources between countries & regions, driving innovation & accelerating widespread adoption of IoT technologies in supply chain operations worldwide.		Removed - redundant with ER1.3.1
	Enabling Recommendation ER1.3.1: The government should create internationally compatible data minimization guidance related to IoT devices, aligning with the NIST Privacy Framework and NIST Cybersecurity Framework principles.		Enabling Recommendation 5.14.2: The government should create internationally compatible data minimization guidance related to IoT devices, aligning with the NIST Privacy Framework and NIST Cybersecurity Framework principles.		

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR2.1: The government should foster policies that encourage responsible and equitable sharing of IoT data and thereby drive economic growth, societal benefits, and sustainability.		Key Recommendation 2.1: The government should foster policies that encourage responsible and equitable sharing of IoT data, and thereby drive economic growth.			
	Enabling Recommendation ER2.1.1: The government should establish templates or best practices for clear and robust corporate policies regarding data sharing, usage, and licensing among parties in the IoT ecosystem. Enabling Recommendation ER2.1.2: The government should partner with industry and collaborate with international allies to develop and support comprehensive data sharing policies that stimulate economic growth, societal benefits, and sustainability. Enabling Recommendation ER2.1.3: The government should establish data repositories for privately collected data.		Enabling Recommendation 2.1.1: The government should establish templates or best practices for clear and robust corporate policies regarding data sharing, usage, and licensing among parties in the IoT ecosystem. Enabling Recommendation 2.1.2: The government should partner with industry and collaborate with international allies to develop and support comprehensive data sharing policies that stimulate economic growth. Enabling Recommendation 2.1.3: The government should establish data repositories for privately collected data.		
Key Recommendation KR2.2: The government should establish methods to foster interoperability for IoT technology, including through the use of consistent models, protocols, application interfaces, and schemas.		Key Recommendation 2.3: The government should establish methods to foster interoperability for IoT technology, including through the use of consistent models, protocols, application interfaces, and schemas.			
	Enabling Recommendation ER2.2.1: The government should work with various organizations to facilitate interoperability through the development of a consistent data taxonomy for the sharing and exchange of data collected from IoT and non-IoT sources. Enabling Recommendation ER2.2.2: The government should support research and industry-led standards in areas such as telematics and sensor technologies for automated vehicles. Enabling Recommendation ER2.2.3: The government should promote and adopt industry led standards, guidelines, and protocols for minimum baseline interoperability for smart transportation technologies and corresponding transportation infrastructure (i.e., sensors in roads, cameras at intersections).		Enabling Recommendation 2.3.1: The government should work with various organizations to facilitate interoperability through the development of a consistent data taxonomy for the sharing and exchange of traffic and other data collected from IoT and non-IoT sources. Enabling Recommendation 2.3.2: The government should support research and industry-led standards in areas such as telematics and sensor technologies for autonomous vehicles. Enabling Recommendation 2.3.3: The government should promote and adopt industry led standards, guidelines, and protocols for minimum baseline interoperability for smart transportation technologies and corresponding transportation infrastructure (i.e., sensors in roads, cameras at intersections).		
				Enabling Recommendation 2.3.4: The government should facilitate and support the adoption of smart city and sustainable infrastructure standards.	Removed - too specific
				Enabling recommendation 2.3.5: The government should promote development and adoption procedures that accelerate and streamline planning, permitting, and interconnection aspects related to energy efficient technologies within the broader electric grid.	Removed - too specific
Key Recommendation ER2.3: The government should promote collaborative development across industries to adopt existing industry standards and protocols.		Key Recommendation 2.4: The government should promote collaborative development across industries to adopt existing industry standards and protocols.			
				Enabling Recommendation 2.4.1: The government should promote the collaborative development and adoption of existing industry standards activities with respect to energy efficient, clean, and renewable energy technologies that are used in sustainable infrastructure.	Removed - too specific
	Enabling Recommendation ER2.3.1: The government should advocate for the implementation and adoption of interoperable data standards for public safety IoT. Enabling Recommendation ER2.3.2: The government should promote and, if necessary, develop a protocol for data exchange standards for IoMT (Internet of Medical Things) for interoperability, and promote the adoption of these Enabling Recommendation ER2.3.3: The government should promote the development and use of standards for supply chain logistics, traceability, and assurance. Enabling Recommendation ER2.3.4: The government should promote standards and protocols for IoT technology in supply chain management to provide assurance of interoperability, reliability, and security across various IoT systems and devices.		Enabling Recommendation 2.4.2: The government should advocate for the implementation and adoption of interoperable data standards for public safety IoT. Enabling Recommendation 2.4.3: The government should promote and, if necessary, develop a protocol for data exchange standards for IoMT (Internet of Medical Things) for interoperability, and promote the adoption of these Enabling Recommendation 2.4.4: The government should promote the development and use of standards for supply chain logistics, traceability, and assurance. Enabling Recommendation 2.4.5: The government should promote standards and protocols for IoT technology in supply chain management to provide assurance of interoperability, reliability, and security across various IoT systems and devices.		
Key Recommendation KR2.4: The federal government should expand and improve programs that ensure sufficient availability, reliablility and connectivity for IoT in all areas of the country.		Key Recommendation 2.5: The federal government should expand and improve programs that ensure availability, reliable and sufficient connectivity among and between IoT devices in all areas of the country.			
	Enabling Recommendation ER2.4.1: To promote continued U.S. leadership on spectrum policy, the government should continue to make licensed and unlicensed spectrum available via spectrum sharing, repurposing underutilized federal spectrum and spectrum auctions. Enabling Recommendation ER2.4.2: The government should increase funding and accelerate implementation of broadband deployment across rural America.		Enabling Recommendation 2.5.1: To promote continued U.S. leadership on spectrum policy, the government should continue to make licensed and unlicensed spectrum available, such as through spectrum sharing and repurposing underutilized federal spectrum. Enabling Recommendation 2.5.2: The government should consider increasing funding and accelerating implementation of broadband deployment across rural America.		

Enabling Recommendation ER2.4.3: The government should actively promote and support the adoption of satellite narrowband IoT systems, with the aim of improving connectivity, data collection, and decision-making in rural and remote areas, resulting in economic growth.

Enabling Recommendation 2.5.3: The government should actively promote and support the adoption of satellite narrowband IoT systems for agricultural IoT, with the aim of improving connectivity, data collection, and decision-making in rural and remote agricultural areas, resulting in economic growth.

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR3.1: The Federal Government should provide specific and consistent cybersecurity guidance for IoT providers and adopters to ensure secure operations in a whole-of-government approach.		Key Recommendation 3.1: The Federal Government should provide specific and consistent cybersecurity guidance for IoT providers and adopters to ensure secure operations in a whole-of-government approach.			
	Enabling Recommendation ER3.1.1: The government should strengthen cybersecurity measures focused on IoT across supply chain networks to address concerns around data privacy, security, confidentiality, trust, and potential risks associated with increased connectivity and interdependence of IoT systems.		Enabling Recommendation 3.1.1: The government should strengthen cybersecurity measures focused on IoT across supply chain networks to address concerns around data privacy, security, confidentiality, trust, and potential risks associated with increased connectivity and interdependence of IoT systems.		
	Enabling Recommendation ER3.1.2: The government should consider additional ways to highlight those vulnerabilities most likely to be applicable to IoT product developers.		Enabling Recommendation 3.1.2: The government should consider additional ways to highlight those vulnerabilities most likely to be applicable to IoT product developers.		
	Enabling Recommendation ER3.1.3: The government should accelerate the promotion and adoption of procedures and methods to make the electric grid enabled by IoT more reliable and resilient.		Enabling Recommendation 3.1.3: The government should accelerate the promotion and adoption of procedures and methods to make the electric grid enabled by IoT more reliable and resilient.		
	Enabling Recommendation ER3.1.4: Congress and regulatory agencies should support domestic IoT cybersecurity labeling initiatives by establishing incentives for manufacturers to participate.		Enabling Recommendation 3.1.4: Congress and regulatory agencies should support domestic IoT cybersecurity labeling initiatives by establishing incentives for manufacturers to participate.		
	Enabling Recommendation ER3.1.5: Congress must ensure adequate and continuing funding for the Cyber Trust Mark consumer education campaign.		Enabling Recommendation 3.1.4A (to be renumbered): Congress must ensure adequate and continuing funding for the Cyber Trust Mark consumer education campaign.		
	Enabling Recommendation ER3.1.6: The government should establish appropriate U.S. representation regarding international harmonization of IoT cybersecurity programs and requirements as such programs are established for domestic market sectors.		Enabling Recommendation 3.1.5: The government should establish appropriate U.S. representation regarding international harmonization of IoT cybersecurity programs and requirements as such programs are established for domestic market sectors.		
	Enabling Recommendation ER3.1.7: The government should recognize and promote existing standards, and conformity assessment schemes that facilitate cybersecurity in industrial IoT applications.		Enabling Recommendation 3.1.6: The government should recognize and promote existing standards, and conformity assessment schemes that facilitate cybersecurity in industrial IoT applications.		
Key Recommendation KR3.2: Congress should pass comprehensive federal privacy legislation.		Key Recommendation 3.2: Congress should pass comprehensive federal privacy legislation.			
	Enabling Recommendation ER3.2.1: Congress should include IoT in proposed comprehensive privacy legislation.		Enabling Recommendation 3.2.1: Congress should include IoT in proposed comprehensive privacy legislation.		
Key Recommendation KR3.3: The White House and Congress should facilitate/support the development of a Data and Privacy Policy Framework.		Key Recommendation 3.3: The White House and Congress should facilitate/support the development of a Data and Privacy Policy Framework.			
	Enabling Recommendation ER3.3.1: The government should promote "Privacy by Design" in IoT device development, deployment, and implementation.		Enabling Recommendation 3.3.1: The government should promote "Privacy by Design" in IoT device development, deployment, and implementation.		
	Enabling Recommendation ER3.3.2: The government should establish clear policies for third-party data sharing and IoT device data use		Enabling Recommendation 3.3.2: The government should establish clear policies for third-party data sharing and IoT device data use		
	Enabling Recommendation ER3.3.3: The government should encourage the use of plain language in IoT privacy policies.		Enabling Recommendation 3.3.3: The government should encourage the use of plain language in IoT privacy policies.		
	Enabling Recommendation ER3.3.4: The government should develop and implement privacy transparency mechanisms.		Enabling Recommendation 3.3.4: The government should develop and implement privacy transparency mechanisms.		
	Enabling Recommendation ER3.3.5: The government should endorse universal opt-out signals for IoT devices and companion apps.		Enabling Recommendation 3.3.5: The government should endorse universal opt-out signals for IoT devices and companion apps.		
	Enabling Recommendation ER3.3.6: The government should require IoT Privacy information on new car automobile "Monroney Stickers".		Enabling Recommendation 3.3.6: The government should include IoT Privacy information on new car automobile "Monroney Stickers".		
	Enabling Recommendation ER3.3.7: The government should add "Location Tracking Enabled" notice to U.S. E-labeled IoT devices.		Enabling Recommendation 3.3.7: The government should add "Location Tracking Enabled" notice to U.S. E-labeled IoT devices.		
	Enabling Recommendation ER3.3.8: The government should promote the use, development, and implementation of Privacy-Enhancing Technologies (PETs) in IoT systems.		Enabling Recommendation 3.3.8: The government should promote the use, development, and implementation of Privacy-Enhancing Technologies (PETs) in IoT systems.		
	Enabling Recommendation ER3.3.9: The government should follow NIST sanitization standards for government automobiles before resale, and should encourage NIST sanitization standards for automobiles before resale.		Enabling Recommendation 3.3.9: The government should follow NIST sanitization standards for government automobiles before resale, and should encourage NIST sanitization standards for automobiles before resale.		
Key Recommendation KR3.4: The government should support trusted architectures and conduct a limited pilot to assess the value of trusted digital threads for provenance and traceability across the supply chain. **(note: moved from Supply Chain)**		Key Recommendation 4.3: The government should support trusted architectures and conduct a limited pilot to assess the value of trusted digital threads for provenance and traceability across the supply chain.			Note: Poor support from those providing feedback
	Enabling Recommendation ER3.4.1: The government should incentivize multi-stakeholder alliances and collaboration for trusted end-to-end solutions across supply chains.		Enabling Recommendation 4.3.1: The government should incentivize multi-stakeholder alliances and collaboration for trusted end-to-end solutions across supply chains.		Note: Poor support from those providing feedback
	Enabling Recommendation ER3.4.2: Support collaborative IoT platforms that align stakeholder business incentives.		Enabling Recommendation 4.3.2: Support collaborative IoT platforms that align stakeholder business incentives.		Note: Poor support from those providing feedback

Enabling Recommendation ER3.4.3: The government should encourage the use of digital threads for connected supply chains.

Enabling Recommendation ER3.4.4: The government should facilitate the creation of business ecosystems that enable new business models and revenue streams

Enabling Recommendation ER3.4.5: The government should promote consistent levels of IoT device hardware and software identity documentation information included in trusted digital threads for Software IoT supply chains.

Enabling Recommendation 4.3.3: The government should encourage the use of digital threads for connected supply chains.

Enabling Recommendation 4.3.4: The government should facilitate the creation of business ecosystems that enable new business models and revenue streams

Enabling Recommendation 4.3.5: The government should promote consistent levels of IoT device hardware and software identity documentation information included in trusted digital threads for Software IoT supply chains.

Note: Poor support from those providing feedback

Note: Poor support from those providing feedback

Note: Poor support from those providing feedback

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR4.1: The government should invest in and promote IoT-related aspects of education and workforce.					
	Enabling Recommendation ER4.1.1: The government promote continuing education, professional development, and vocational training for IoT integration in supply chain management.				Retained for now but need to rewrite more generally.
				Enabling Recommendation ER4.1.2: The government should invest and promote education and workforce development in smart transportation technologies.	Removed - too specific
	Enabling Recommendation ER4.1.2: The government should develop educational initiatives that include IoT, targeting workforce development, and enhancing business, government, and consumer data privacy and trust.				Retained for now but suggestion to integrate into KR4.1

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR5.1: The government should consider new financial models for sustaining and supporting programs when considering IoT project feasibility.		Key Recommendation 5.3: The government should consider new financial models for sustaining and supporting programs when considering IoT project feasibility.			
	Enabling Recommendation ER5.1.1: The government should encourage other financial or funding models to help select adopting organizations sustain and support in evaluating IoT project feasibility.		Enabling Recommendation 5.3.1: The government should encourage other models to help select adopting organizations sustain and support in evaluating IoT project feasibility.		
	Enabling Recommendation ER5.1.2: The government should consider "student loan forgiveness" programs in exchange for providing critical emerging technology (IoT, data science, cybersecurity, etc.) skills to municipalities and agencies.		Enabling Recommendation 5.3.2: The government should consider "student loan forgiveness" programs in exchange for providing critical emerging technology (IoT, data science, cybersecurity, etc.) skills to municipalities and agencies.		
	Enabling Recommendation ER5.1.3: The government should consider developing programs and grants to allow underserved and less developed communities		Enabling Recommendation 5.3.3: The government should consider developing programs and grants to allow underserved and less developed communities as well as rural areas to adopt smart transportation technologies.		
Key Recommendation KR5.2: The government should develop a comprehensive strategy for agricultural IoT.			Enabling Recommendation 5.4.1: The government should develop a comprehensive strategy for agricultural IoT.	Key Recommendation 5.4: The federal government should implement sector-specific actions to further promote IoT adoption in the Agriculture sector.	Moved 5.4.1 up to be the new KR
	Enabling Recommendation ER5.2.1: The government should consider fully funding the deployment of a "farm of the future" setup in every land grant university nationwide. This nationwide test-farm IoT network should span different forms of agriculture, including, but not limited to broadacre, horticulture, livestock, and aquaculture.		Enabling Recommendation 5.4.2: The government should consider fully funding the deployment of a "farm of the future" setup in every land grant university nationwide. This nationwide test-farm IoT network should span different forms of agriculture, including, but not limited to broadacre, horticulture, livestock, and aquaculture.		
				Enabling Recommendation 5.4.3: The government should actively promote and support the adoption of Generative AI applications for agricultural IoT, with the aim of improving decision-making, optimizing resource utilization, and enhancing productivity in the agricultural sector through innovative and data-driven solutions.	Moved up to a new, more general KR
	Enabling Recommendation ER5.2.3: The government should provide overarching regulatory guidance for the drone industry. The Federal Government should also provide funding for the drone industry for additional research in order that existing technical obstacles can be overcome.		Enabling Recommendation 5.4.4: The government should provide overarching regulatory guidance for the drone industry. The Federal Government should also provide funding for the drone industry for additional research in order that existing technical obstacles can be overcome.		
				Enabling Recommendation 5.4.5: The government should facilitate development of connectivity policies and programs.	Redundant to others in Theme 2
	Enabling Recommendation ER5.2.4: The government should support and promote industry and SDO efforts to address interoperability of agricultural systems and machinery. Enabling Recommendation ER5.2.5: The government should facilitate small farm/ranch adoption of IoT technologies. Enabling Recommendation ER5.2.6: The government should support enactment of federal "right to repair" legislation to address the inability of agricultural producers to service their smart equipment.		Enabling Recommendation 5.4.6: The government should support and promote industry and SDO efforts to address interoperability of agricultural systems and machinery. Enabling Recommendation 5.4.7: The government should facilitate small farm/ranch adoption of IoT technologies. Enabling Recommendation 5.4.8: The government should support enactment of federal "right to repair" legislation to address the inability of agricultural producers to service their smart equipment.		Note: several are asking for this to be removed
				Enabling Recommendation 5.4.9: The government should facilitate the development of IoT data confidentiality guidelines for agricultural IoT systems, and manufacturers of "smart" and IoT-enabled agricultural machinery and systems.	Too specific and already covered elsewhere
Key Recommendation KR5.3: The government should implement specific actions to further promote IoT adoption through smart cities.		Key Recommendation 5.9: Preliminary Text: The government should implement specific actions to further promote IoT adoption through smart cities.]			
	Enabling Recommendation ER5.3.1: The government should facilitate and support the development and use of smart city and sustainable infrastructure reference models. Enabling Recommendation ER5.3.2: The government should consider the development of Smart City and Sustainability Extension Partnerships (SCSEP). Enabling Recommendation ER5.3.3: The government should facilitate opportunities for adoption and equity of benefits of IoT and smart city technologies for local governments (cities, counties), regional entities (water districts, sanitation districts, air quality districts, etc.) and utility companies. Enabling Recommendation ER5.3.3: The government should facilitate smart community opportunities and adoption of IoT for those rural communities that have broadband infrastructure, have received broadband infrastructure funding or have completed broadband infrastructure build-		Enabling Recommendation 5.9.1: The government should facilitate and support the development and use of smart city and sustainable infrastructure reference models. Enabling Recommendation 5.1.4: The government should consider the development of Smart City and Sustainability Extension Partnerships (SCSEP). Enabling Recommendation 5.9.2: The government should facilitate opportunities for adoption and equity of benefits of IoT and smart city technologies for local governments (cities, counties), regional entities (water districts, sanitation districts, air quality districts, etc.) and utility companies. Enabling Recommendation 5.9.3: The government should facilitate smart community opportunities and adoption of IoT for those rural communities that have broadband infrastructure, have received broadband infrastructure funding or have completed broadband infrastructure build-		Moved from Government section to here
				Enabling Recommendation 5.9.4: The government should facilitate federal adoption of IoT and smart city technologies within its facilities, including government buildings, military bases, campuses and other facilities. [For Board Review - Proposed by Benson] [This could also go in 5.2]	Some text integrated above; the rest was removed

Previous (ER/KR)	Revised (5.x)	HC Recommendations	Notes
Enabling Recommendation ER5.3.4: The government should support and promote industry and SDO efforts to address interoperability of smart cities (including smart buildings, energy and utilities, traffic)	Enabling Recommendation 5.9.5: The government should support and promote industry and SDO efforts to address interoperability of smart cities (including smart buildings, energy and utilities, traffic, etc.). [For Board Review - Proposed by Benson]		steve noted needs more text
Enabling Recommendation ER5.3.5: The government should facilitate small to medium city adoption of smart city technologies.	Enabling Recommendation 5.9.6: The government should facilitate small to medium city adoption of smart city technologies. [For Board Review - Proposed by Benson]		
	Enabling Recommendation 5.9.7: The government should facilitate cybersecurity in IoT in smart cities.		Already covered in Trust
Enabling Recommendation ER5.3.6: The government should facilitate equity in realization of smart city benefits.	Enabling Recommendation 5.9.8: The government should facilitate equity in realization of smart city benefits.		
Key Recommendation KR5.4: The government should implement specific actions to promote IoT adoption that will improve public safety.			If additional info isn't gathered at Feb 27 meeting, may need to be removed Recommended for removal but retained for now
Enabling Recommendation KR5.4.1: The government should create a stockpile of public safety IoT devices that is available for immediate access.	Enabling Recommendation 5.10.1: The government should create a stockpile of public safety IoT devices that is available for immediate access.		
Enabling Recommendation KR5.4.2: For public safety and smart city projects supported by federal grants that utilize IoT technologies (such as cameras, plate readers, and other applications that may be used to identify people), the grantor agencies should include a provision specifying the need for the awardees to develop privacy and data usage policies in collaboration with the communities that they serve as part of the deployment.			
Enabling Recommendation KR5.4.3: Federal RFPs/RFIs that support public safety applications should include a requirement for bidders to consider how IoT can be incorporated into it, as well as to include an IoT user adoption and utilization plan as part of the evaluation process.			
Enabling Recommendation KR5.4.4: The federal government should create a program that enables local communities to purchase IoT systems or IoT enabled systems for public safety applications. This includes systems that support law enforcement, fire, emergency management services, and public safety access points.			
Key Recommendation KR5.5: The government should implement specific actions to promote IoT adoption in the health care industry.	Key Recommendation 5.10: The government should implement specific actions to promote IoT adoption in the health care industry.		We need a strong text for this key recommendation
Enabling Recommendation ER5.5.1: The government should promote IoMT as an enterprise priority, including to healthcare facilities' leadership teams.	Enabling Recommendation 5.10.1: The government should promote IoMT as an enterprise priority, including to healthcare facilities' leadership teams.		
Enabling Recommendation ER5.5.2: Facilitate cybersecurity in IoT in smart medical devices and equipment, including wearables, in-home devices, community IoMT systems, and a continuum of care.	Recommendation HC2: Facilitate cybersecurity in IoT in smart medical devices and equipment, including wearables, in-home devices, community IoMT systems, and in-clinic systems		Moved up
Enabling Recommendation ER5.5.3: Facilitate and support the use and adoption of healthcare IoT in rural communities	Recommendation HC5: Facilitate and support the use and adoption of healthcare IoT in rural communities.		
Enabling Recommendation ER5.5.4: Facilitate the adoption of AI in IoT in healthcare through improved AI research, development and workforce improvement.	Recommendation HC8: Facilitate the adoption of AI in IoT in healthcare through improved AI research, development and workforce improvement.		May need to move to Workforce theme
Enabling Recommendation ER5.5.5: The government should enact HIPAA-like protection for users' medical data in mobile applications and IoT devices.	Enabling Recommendation 5.10.2: The government should enact HIPAA-like protection for users' medical data in mobile applications and IoT devices.		
		Recommendation HC1: Support and promote industry and SDO efforts to address interoperability of medical and healthcare devices and systems.	Removed based on Jan meeting discussion
		Recommendation HC3: Facilitate U.S. government adoption and use of medical and healthcare IoT technologies.	Removed based on Jan meeting discussion
		Recommendation HC4: Facilitate the resolution of privacy concerns in healthcare and medical IoT	Removed based on Jan meeting discussion
		Recommendation HC6- Facilitate adoption of IoT among small physician practices (< 50 physicians)	Removed based on Jan meeting discussion
		Recommendation HC7: Facilitate policies and programs that support the key education and digital skills development for the current and future healthcare workforce.	Removed based on Jan meeting discussion
Key Recommendation KR5.6: The government should implement specific actions to promote IoT adoption that will improve sustainability and environmental monitoring.	Key Recommendation 5.11: The government should implement specific actions to promote IoT adoption that will improve sustainability and environmental monitoring.		
Enabling Recommendation ER5.6.1.: The government should support development of IoT environmental data repositories to better enable open and available data.	Enabling Recommendation 5.11.1: The government should establish or encourage IoT environmental data repositories in support of open, available data.		Changed develop repositories to encourage and support development thereof

Enabling Recommendation ER5.6.2: The government should facilitate and support the research, development and deployment of low cost Air Quality sensors.

Enabling Recommendation 5.11.2: The government should facilitate and support the research, development and deployment of low cost Air Quality sensors.

Enabling Recommendation 5.11.3: The government should facilitate the expansion of wireless connectivity to support remote monitoring and sensing in areas not serviced by traditional connectivity.

Removed based on discussions

Enabling Recommendation 5.11.4: The government should consider establishing stockpile reserves of IoT monitoring equipment for quick short-term deployment during emergency and catastrophic event scenarios

Removed based on discussions

Enabling Recommendation ER5.6.3: The government should implement a nationwide IoT-based Water Monitoring Infrastructure) to expand the nationwide water monitoring system, including water treatment facilities.

Enabling Recommendation ER5.6.4: The government should utilize IoT Technologies to facilitate carbon transparency across economic sectors.

Enabling Recommendation ER5.6.5: The government should facilitate and promote the use and integration of IoT technologies to complement and support wide area environmental situational awareness capabilities to monitor and inform on a variety of environmental conditions and hazards in environmentally sensitive areas.

Enabling Recommendation 5.11.5: The government should implement a nationwide IoT-based Water Monitoring Infrastructure) to expand the nationwide water monitoring system, including water treatment facilities.

Enabling Recommendation 5.11.6: The government should utilize IoT Technologies to facilitate carbon transparency across economic sectors.

Enabling Recommendation 5.11.7: The government should facilitate and promote the use and integration of IoT technologies to complement and support wide area environmental situational awareness capabilities to monitor and inform on a variety of environmental conditions and hazards in environmentally sensitive areas.

Key Recommendation KR5.7: The government should implement specific actions to promote IoT adoption in Smart Transit and Transportation.

Key Recommendation 5.12: The government should implement specific actions to promote IoT adoption in Smart Transit and Transportation.

Enabling Recommendation ER5.7.1: The government should promote the development and adoption of policies, procedures and funding methods that can accelerate the adoption of smart, connected, and electrified transportation technologies.

Enabling Recommendation 5.12.1: The government should promote the development and adoption of policies, procedures and funding methods that can accelerate the adoption of smart, connected, and electrified transportation technologies.

Enabling Recommendation 5.12.2: Road Safety and Ultra-Wideband (UWB)-the government should direct the FCC to revisit the regulation that prohibits the use of Ultra-Wideband (UWB) technology from outdoor fixed infrastructure.

Removed based on discussion at the Jan meeting

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)
Key Recommendation KR6.1: The government should monitor and evaluate progress of IoT adoption for supply chain logistics. Key Recommendation KR6.2: The government should help establish and foster public-private partnerships (PPPs) focused on IoT adoption to facilitate collaboration and knowledge sharing between government agencies, businesses, technology providers, and academia.		Key Recommendation 4.1: The government should monitor and evaluate progress of IoT adoption for supply chain logistics. Key Recommendation 4.2: The government should help establish and foster public-private partnerships (PPPs) focused on IoT adoption to facilitate collaboration and knowledge sharing between government agencies, businesses, technology providers, and academia.			
	Enabling Recommendation ER6.2.1 The government should foster orchestrated Public-Private Partnerships (PPPs) promoting network effects among connected enterprises and across supply chains. Enabling Recommendation ER6.2.2: The government should subsidize initiatives for digital infrastructure supporting the digital transformation of enterprise business processes including design, production, procurement, distribution. Enabling Recommendation ER6.2.3: The government should promote the enablement and use of trusted digital threads, trusted digital marketplaces and platform-based business ecosystems.		Enabling Recommendation 4.2.1 The government should foster orchestrated Public-Private Partnerships (PPPs) promoting network effects among connected enterprises and across supply chains. Enabling Recommendation 4.2.2: The government should subsidize initiatives for digital infrastructure supporting the digital transformation of enterprise business processes including design, production, procurement, distribution. Enabling Recommendation 4.2.3: The government should promote the enablement and use of trusted digital threads, trusted digital marketplaces and platform-based business ecosystems.		
Key Recommendation KR6.3: The government should actively promote and support the adoption of AI applications to improve decision-making, optimize resource utilization, and enhance productivity.		(new)			
	Enabling Recommendation ER6.3.1: The government should promote trusted AI-IoT platforms across circular supply chains and ecosystems to improve transparency and sustainability and drive economic growth.		Enabling Recommendation 4.2.4: The government should promote trusted AI-IoT platforms across circular supply chains and ecosystems to improve transparency and sustainability and drive economic growth.		

Note: 4.3 moved to Trust section

Updated Key Recommendation	Updated Enabling Recommendation	Key Recommendation	Enabling Recommendation	Removed	Action Taken (if any)