

Comment Template for Draft NIST Interagency Report (NISTIR) 8200 -- Status of International Cybersecurity Standardization for the Internet of Things (IoT)

COMMENT #	SOURCE	TYPE i.e., Editorial Minor Major	LINE # PAGE etc.	RATIONALE for CHANGE	PROPOSED CHANGE (specific replacement text, figure, etc. is required)
1		Editorial	L 317-318	“People” are not networked. (Yet?)	“IoT is a concept based on creating systems that interact with the physical world using networked entities (e.g., sensors, actuators, information resources, and human user interfaces).”
2		Editorial	L 375	Very few computing devices use Ethernet “cards” in 2018. The functionality could be described as an “interface”.	“An Ethernet interface is a part of a secondary capability...”
3		Editorial	L 377	“Orchestration” is undefined in the Report, and likely unclear to the average reader.	Recommend an example or an external reference to published material, or a description in the Secondary Capabilities section beginning at Line 427.
4		Editorial	L 510-516	Line spacing is different from other paragraphs.	Homogenize the line spacing.
5		Editorial	L 526	“sous vide machine” is rather niche and likely not well-known.	“Examples include cooking appliances...”
6		Editorial	L 536	“Smartphone” is the generally accepted spelling. And it should be “a” not “the”.	“communicate with a smartphone to”
7		Editorial	L 535-537	It’s also possible that an IoT kitchen refrigerator or cabinet could directly order items for delivery to the home.	“A refrigerator or kitchen cabinet may communicate with a smartphone to inform the owner of items that need to be purchased at the grocery store, or even place an order directly with a grocery delivery service.”
8		Major	L 539-546	Slight edit “and” to “as” on L 543. Customer convenience is also an issue – complex devices may be more secure but they require support and customer education. Symantec Internet Security Threat Report Vol 23 reports a 600% increase btwn 2016 and 2017 in attacks against IoT devices. https://www.symantec.com/security-center/threat-report	“Securing IoT devices is a major challenge, as manufacturers tend to focus on functionality, compatibility requirements, customer convenience, and time-to-market rather than security. Yet the Symantec Internet Security Threat Report Vol 23 reported a 600% increase (YoY: 2016 to 2017) in attacks against IoT devices.
9		Editorial	L 548	“Smartphone” is the generally accepted spelling.	
10		Editorial	L 617	Text “Blood Sugar levels from Glucose Monitor” extends beyond object edge.	

February 12, 2018 – David Witkowski, Co-Chair, GCTC Wireless SuperCluster

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