ISO/IEC JTC 1/WG 7
Working Group on Sensor Networks

Document Number:	N127
Date:	2011-01-04
Replace:	
Document Type:	National Body Contribution
Document Title:	NB of China's comments on the ISO/IEC WD 29182-1, Information technology — Sensor Networks: Sensor Network Reference Architecture (SNRA) — Part 1: General overview and requirements
Document Source:	NB of China
Document Status:	For your information.
Action ID:	FYI
Due Date:	
No. of Pages:	3

Template for comments and secretariat observations

Date: 2010－12－23	Document: N089

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com-ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
CN/ 1	5	Figure 1	te	As shown in Figure1, gateway can connect to access network and also connect to backbone network directly. Then in what kind of application scenarios will the gateway connect to backbone network and to access network? What is the difference between these two approaches?	Please clarify what access network and backbone network are, and technology in both of them respectively. Please describe the application scenarios where gateway directly connects to backbone.	
CN/ 2	5	Figure 2	te	In figure 2, why sensor nodes are divided into three layers, and what is the relationship between three layers and the ISO seven layers reference architecture?	Please specify the source on sensor node architecture, and the relationship with the ISO seven layers reference architecture.	
CN/ 3	6.11	The last 3 line from the bottom in the subsection	ed	The routing may be very fast. However communication protocols can not be very fast.	Suggest alternate text: The routing and communication protocols may be flexible and changed very fast.	
CN/ 4	6.12		ed	Robustness, reliability and maintainability, nothing more? How about adaptability, scalability and collaborability? The content needs to be consistent with subtitle. This subsection begins with a wireless sensor network, but end with sensor networks. They should be well matched.	The content should be improved. "A wireless sensor network" should be consistent to "sensor network".	
CN/ 5	5	2 nd paragraph and figure 1	ge	End-users belongs to "rest of the world", how about user?	As shown in Figure1, end-user means user who uses SN service indirectly, such as via service provider. User means who can connect to SN and use service directly. This is the only distinguish between them. Suggest that both of them belong to "Rest of the world".	
CN/ 6	5	Figure1	te	It is not normal that user can communicate with single sensor node directly and a certain sensor node plays a role as sink. If so, this node must have high capability.	Suggest using gateway. On the one hand, gateway can aggregate sensed data into information required by users and manage SN. On the other hand, gateway can convert protocols when connecting to other heterogeneous sensor network.	

1 **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by ******)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

NOTE Columns 1, 2, 4, 5 are compulsory.

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CN/ 7	6.5		ge	We shall not say that sensor network is extension/derivation of other networks. Sensor network is just sensor network; It has some relationship with Internet just because it uses Internet for remote data transfer. SN is a independent system,	Suggest that in this subclause, describe the relationship between SN and Internet and how SN transfers data via Internet. The subtitle should also be clarified.	
CN/ 8	7		ge	The order of subclauses can be improved.	Suggest ordering these subclauses by priority.	
CN/ 9	7.5		te	Not all of SN can provide or need mobility support.	Replace "shall" with "should" in entire paragraph.	

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