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Working Group on Sensor Networks

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Term: **Information**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO 10303-1:1994	3.2.20	facts, concepts, or instructions.	ISO Concept Database	Title: Industrial automation systems and integration -- Product data representation and exchange -- Part 1: Overview and fundamental principles Committee: ISO/TC 184/SC 4 Also used in: ISO 13584-24:2003, ISO 13584-42:1998, ISO 15926-2:2003, ISO 15926-1:2004, ISO 18629-1:2004, ISO/TS 15926-4:2007, ISO 15531-43:2006, ISO 15531-32:2005, ISO 18629-12:2005, ISO 18629-41:2006, ISO 18629-42:2006, ISO 18629-11:2005, ISO/TS 13399-2:2005, ISO/TS 13399-3:2007, ISO/TS 13399-4:2007, ISO/TS 13399-50:2007, ISO/TS 13399-5:2007, ISO/TS 13399-60:2007
ISO 10782-1:1998	3.1	(in information processing) knowledge concerning objects, such as facts, events, things, processes, or ideas, including concepts, that within a certain context has a particular meaning [ISO/IEC 2382-1:1993]	ISO Concept Database	Title: Definitions and attributes of data elements for control and monitoring of textile processes -- Part 1: Spinning, spinning preparatory and related processes Committee: ISO/TC 72/SC 7 Also used in: ISO/PAS 16917:2002, ISO/IEC 25012:2008, ISO 19118:2005, ISO 16484-2:2004
ISO 1087-2:2000	2.1	knowledge concerning such things as facts, concepts, objects, events, ideas	ISO Concept Database	Title: Terminology work -- Vocabulary -- Part 2: Computer applications Committee: ISO/TC 37/SC 3
ISO 14721:2003	1.7.2.42	Any type of knowledge that can be exchanged. In an	ISO Concept Database	Title: Space data and information transfer systems -- Open archival information

		exchange, it is represented by data. An example is a string of bits (the data) accompanied by a description of how to interpret a string of bits as numbers representing temperature observations measured in degrees Celsius (the representation information).		system -- Reference model Committee: ISO/TC 20/SC 13 Also used in: ISO 20652:2006
ISO 15745-1:2003	3.19	any kind of knowledge, that is exchangeable amongst users, about things, facts, concepts and so on, in a universe of discourse [ISO/IEC 10746-2]	ISO Concept Database	Title: Industrial automation systems and integration -- Open systems application integration framework -- Part 1: Generic reference description Committee: ISO/TC 184/SC 5
ISO 772:1996	1.137	result of analyzing or interpreting data	ISO Concept Database	Title: Hydrometric determinations -- Vocabulary and symbols Committee: ISO/TC 113
ISO 9506-1:2003	3.4.15	the combination of data and the meaning that it conveys	ISO Concept Database	Title: Industrial automation systems -- Manufacturing Message Specification -- Part 1: Service definition Committee: ISO/TC 184/SC 5 Also used in: ISO 9506-2:2003
ISO/TR 12037:1998	3.13	data that has been analyzed, interpreted, or compiled in a meaningful form	ISO Concept Database	Title: Electronic imaging -- Recommendations for the expungement of information recorded on write-once optical media Committee: ISO/TC 171/SC 3
ISO/TR 14177:1994	1.2	Knowledge recorded by and/or communicated between agents.	ISO Concept Database	Title: Industrial automation systems and integration -- Integration of industrial data for exchange, access and sharing -- Part 1: Architecture overview and description Committee: ISO/TC 184/SC 4
ISO 9000:2005	3.7.1	meaningful data	ISO Concept Database	Title: Quality management systems

				-- Fundamentals and vocabulary Committee: ISO/TC 176/SC 1 Also used in: ISO 22263:2008
ISO 18938:2008	3.15	data recorded using the system	ISO Concept Database	Title: Imaging materials -- Optical discs -- Care and handling for extended storage Committee: ISO/TC 42 Also used in: ISO 18913:2003
ISO/TR 21089:2004	3.56	interpreted set(s) of data that can assist in decision making [JCAHO] data to which meaning is assigned, according to context and assumed conventions [NSC]	ISO Concept Database	Title: Health informatics -- Trusted end-to-end information flows Committee: ISO/TC 215 Also used in: ISO/TR 18307:2001
ISO 14975:2000	3.2	information about specimens and/or the procedures of analyser calibration and/or data processing procedures and/or the information necessary to create spectral databases	ISO Concept Database	Title: Surface chemical analysis -- Information formats Committee: ISO/TC 201/SC 3
ISO/TS 25237:2008	3.27	data set within a context of meaning	ISO Concept Database	Title: Health informatics -- Pseudonymization Committee: ISO/TC 215
ISO 11064-5:2008	3.19	anything which is not known by a person in advance	ISO Concept Database	Title: Ergonomic design of control centres -- Part 5: Displays and controls Committee: ISO/TC 159/SC 4
ISO/IEC 11694-4:2008	3.14	totality of data present on the card including service, system and user data for interchange independent of the method of recording	ISO Concept Database	Title: Identification cards -- Optical memory cards -- Linear recording method -- Part 4: Logical data structures Committee: ISO/IEC JTC 1/SC 17
ISO/IEC 19762-1:2008	01.01.02	(information processing) knowledge concerning objects that within a certain context has a	ISO Concept Database	Title: Information technology -- Automatic identification and data capture (AIDC) techniques -- Harmonized

		particular meaning		vocabulary -- Part 1: General terms relating to AIDC Committee: ISO/IEC JTC 1/SC 31
ISO 18921:2008	3.7	signal or image recorded using the system	ISO Concept Database	Title: Imaging materials -- Compact discs (CD-ROM) -- Method for estimating the life expectancy based on the effects of temperature and relative humidity Committee: ISO/TC 42 Also used in: ISO 18927:2008, ISO 18926:2006
ISO/TR 17119:2005	2.13	data in context that enable interpretation with meaning and relevance	ISO Concept Database	Title: Health informatics - Health informatics profiling framework Committee: ISO/TC 215
ISO/TR 13569:2005	3.34	any data, whether in an electronic form, written on paper, spoken at a meeting, or on any other medium which is used by a financial organization to make decisions, move funds, set rates, make loans, process transactions and the like, including software components of the processing system	ISO Concept Database	Title: Financial services -- Information security guidelines Committee: ISO/TC 204
ISO/TR 17452:2007	3.5	data, documentation and other relevant knowledge organized to inform and describe	ISO Concept Database	Title: Intelligent transport systems -- Using UML for defining and documenting ITS/TICS interfaces Committee: ISO/TC 204 Also used in: ISO/TS 17261:2005
ISO/IEC 28361:2007	2.2	bit-coded data as defined in Clause 8	ISO Concept Database	Title: Information technology -- Telecommunications and information exchange between systems -- Near Field Communication Wired Interface (NFC-WI) Committee: ISO/IEC JTC 1/SC 6
ISO 6707-1:2004	7.2.1	facts which are communicated	ISO Concept Database	Title: Building and civil engineering --

				Vocabulary -- Part 1: General terms Committee: ISO/TC 59/SC 2
ISO 6707-1:2004	7.2.2	message used to represent a factor or concept within a communication process, in order to increase knowledge	ISO Concept Database	Title: Building and civil engineering -- Vocabulary -- Part 1: General terms Committee: ISO/TC 59/SC 2
IEC 60050	IEV number 701-01-01	intelligence or knowledge capable of being represented in forms suitable for communication, storage or processing NOTE – Information may be represented for example by signs, symbols, pictures or sounds.	International Electrotechnical Vocabulary	Area: Telecommunications, channels and networks / Forms of telecommunications

Term: **Knowledge**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO 5127:2001	1.1.3.14	cognizance which is based on reasoning and passes verification	ISO Concept Database	Title: Information and documentation -- Vocabulary Committee: ISO/TC 46

Term: **Identification**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO 11727:1999	3.12	means of reference to be used in descriptive literature or on a label associated with a component	ISO Concept Database	Title: Pneumatic fluid power -- Identification of ports and control mechanisms of control valves and other components Committee: ISO/TC 131/SC 5

ISO 15747:2003	3.5	paper or foil label or printing or embossing	ISO Concept Database	Title: Plastics containers for intravenous injection Committee: ISO/TC 76
ISO/IEC 15944-1:2002	3.26	a rule-based process, explicitly stated, involving the use of one or more attributes, i.e., data elements, whose value (or combination of values) are used to identify uniquely the occurrence or existence of a specified entity	ISO Concept Database	Title: Information technology -- Business agreement semantic descriptive techniques -- Part 1: Operational aspects of Open-edi for implementation Committee: ISO/IEC JTC 1/SC 32 Also used in: ISO/IEC 15944-5:2008, ISO/IEC 15944-2:2006, ISO/IEC TR 15944-6:2009
ISO 16589-2:2001	3.2.33	preferred position of identification marks See Figure 2, reference 33.	ISO Concept Database	Title: Rotary shaft lip-type seals incorporating thermoplastic sealing elements -- Part 2: Vocabulary Committee: ISO/TC 131/SC 7
ISO/IEC 19794-8:2006	4.19	biometric system function that performs a one-to-many search	ISO Concept Database	Title: Information technology -- Biometric data interchange formats -- Part 8: Finger pattern skeletal data Committee: ISO/IEC JTC 1/SC 37
ISO/IEC 19794-5:2005	4.15	process of searching though a list of face images to match against an input image(s); one-to-many (1:N) searching	ISO Concept Database	Title: Information technology -- Biometric data interchange formats -- Part 5: Face image data Committee: ISO/IEC JTC 1/SC 37
ISO/IEC 24713-1:2008	3.25	(biometric system function) biometric system function that performs a one-to-many search to obtain a candidate list	ISO Concept Database	Title: Information technology -- Biometric profiles for interoperability and data interchange -- Part 1: Overview of biometric systems and biometric profiles Committee: ISO/IEC JTC 1/SC 37
ISO 17090-1:2008	3.2.16	performance of tests to enable a data processing system to recognize entities [ISO/IEC 2382-8:1998, definition 08.04.12]	ISO Concept Database	Title: Health informatics -- Public key infrastructure -- Part 1: Overview of digital certificate services Committee: ISO/TC

				215 Also used in: ISO/TS 21091:2005, ISO/TS 22600-1:2006, ISO/TS 22600-2:2006
ISO/TS 21298:2008	3.9	performance of tests to enable a data processing system to recognise entities [ISO/IEC 2382-8, definition 08.04.12 (as identity authentication, identity validation)] person employed by a healthcare organization, but who is not a health professional [ISO/IEC 17090-1, definition 3.1.5]	ISO Concept Database	Title: Health informatics -- Functional and structural roles Committee: ISO/TC 215
ISO/TS 24534-4:2008	3.36	action or act of establishing the identity	ISO Concept Database	Title: Automatic vehicle and equipment identification -- Electronic Registration Identification (ERI) for vehicles -- Part 4: Secure communications using asymmetrical techniques Committee: ISO/TC 204 Also used in: ISO/TS 24534-5:2008
ISO/TS 25237:2008	3.24	process of using claimed or observed attributes of an entity to single out the entity among other entities in a set of identities	ISO Concept Database	Title: Health informatics -- Pseudonymization Committee: ISO/TC 215
ISO 4040:2009	3.11	symbol in accordance with ISO 2575, written label or some portion of the pointer and scale by which a driver can distinguish the characteristic displayed by the control, indicator or tell-tale	ISO Concept Database	Title: Road vehicles -- Location of hand controls, indicators and tell-tales in motor vehicles Committee: ISO/TC 22/SC 13
ISO 22174:2005	3.1.9	process for determining that an isolate belongs to one of the established taxa	ISO Concept Database	Title: Microbiology of food and animal feeding stuffs -- Polymerase chain reaction (PCR) for the detection of food-borne pathogens -- General requirements and definitions Committee: ISO/TC 34/SC 9
ISO/TR	3.30	process of uniquely	ISO Concept	Title: Financial

13569:2005		determining the unique identity of an entity [ISO/IEC TR 13335-4:2000, definition 3.2]	Database	services -- Information security guidelines Committee: ISO/TC 68/SC 2
ISO/IEC 19795-1:2006	4.5.2	application in which a search of the enrolled database is performed, and a candidate list of 0, 1 or more identifiers is returned	ISO Concept Database	Title: Information technology -- Biometric performance testing and reporting -- Part 1: Principles and framework Committee: ISO/IEC JTC 1/SC 37
ISO/IEC 24727-1:2007	3.11	collective aspect of a set of characteristics and processes by which an entity is recognizable or known	ISO Concept Database	Title: Identification cards -- Integrated circuit card programming interfaces -- Part 1: Architecture Committee: ISO/IEC JTC 1/SC 37
ISO 23611-4:2007	2.7	determination of the species, genus or family of an individual based on morphological characteristics (mouth parts, sexual organs, body ratios) with an identification key	ISO Concept Database	Title: Soil quality -- Sampling of soil invertebrates -- Part 4: Sampling, extraction and identification of soil-inhabiting nematodes Committee: ISO/TC 190/SC 4
ISO/IEC 19784-1:2006	4.19	one-to-many process of comparing a submitted biometric sample against a reference population to determine whether the submitted biometric sample matches any of the reference templates in that reference population in order to determine the identity of the enrollee whose template was matched	ISO Concept Database	Title: Information technology -- Biometric application programming interface -- Part 1: BioAPI specification Committee: ISO/IEC JTC 1/SC 37
IEC 60050	IEV number 351-24-06	procedures for deducing a mathematical model representing the static and transient behaviour of a system	International Electrotechnical Vocabulary	Area: Control technology / Behaviour and characteristics of transfer elements
IEC 60050	IEV number 714-04-07	the act of segregating and uniquely defining a specific unit within a set of similar functional units	International Electrotechnical Vocabulary	Area: Switching and signalling in telecommunications / Switching functions

Term: **Identity**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO/IEC 15408-1:2005	2.23	identity a representation (e.g. a string) uniquely identifying an authorised user, which can either be the full or abbreviated name of that user or a pseudonym	ISO Concept Database	Title: Information technology -- Security techniques - - Evaluation criteria for IT security -- Part 1: Introduction and general model Committee: ISO/IEC JTC 1/SC 27
ISO/IEC 24713-1:2008	3.24	common-sense notion of personal identity	ISO Concept Database	Title: Information technology -- Biometric profiles for interoperability and data interchange -- Part 1: Overview of biometric systems and biometric profiles Committee: ISO/IEC JTC 1/SC 37
ISO/IEC TR 26927:2006	3.24	a name by which the user of a network is known	ISO Concept Database	Title: Information technology -- Telecommunications and information exchange between systems -- Corporate Telecommunication Networks -- Mobility for Enterprise Communications Committee: ISO/IEC JTC 1/SC 6
ISO 19132:2007	4.14	data sufficient to identify an object over time, independent of its state	ISO Concept Database	Title: Geographic information -- Location-based services -- Reference model Committee: ISO/TC 211

Term: (**Collaborative**) **information processing**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO 1087-2:2000	2.4	Information processing: systematic performance of operations upon information (2.1) that includes data processing (2.3)	ISO Concept Database	Title: Terminology work -- Vocabulary -- Part 2: Computer applications Committee: ISO/TC 37/SC 3
ISO/IEC 2382-1:1993	01.01.05	Information processing: The systematic performance of operations upon	ISO Concept Database	Title: Information technology -- Vocabulary -- Part 1: Fundamental terms

		information, that includes data processing and may include operations such as data communication and office automation.		Committee: ISO/IEC JTC 1
ISO/TR 11065:1992	311	Information processing: The systematic performance of operations upon data.	ISO Concept Database	Title: Industrial automation glossary Committee: ISO/TC 184/SC 5
ISO 14617-6:2002	3.12	Information processing: performing of operations on data to obtain or treat information	ISO Concept Database	Title: Graphical symbols for diagrams -- Part 6: Measurement and control functions Committee: ISO/TC 10/SC 10

Term: **Communication**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO 5127:2001	1.1.3.01	transfer of meaning (1.1.3.04) by means of transmission of signals (1.1.3.03)	ISO Concept Database	Title: Information and documentation - - Vocabulary Committee: ISO/TC 46
ISO/IEC 10746-4:1998	4.1.1.8	The conveyance of information (via value passing) between two or more interacting objects. It is not possible to write directly, cause and effect relationships. It should also be pointed out that the synchronisation itself may be construed as communication.	ISO Concept Database	Title: Information technology -- Open Distributed Processing -- Reference Model: Architectural semantics Committee: ISO/IEC JTC 1/SC 7
ISO/IEC 10746-4:1998	4.2.1.8	This notion is not supported in ACT ONE. It might be the case that an abstract form of communication might be modelled through a process algebra specification style. This does not reflect the text of ITU-T Rec. X.902 I ISO/IEC 10746-2, however, i.e. it is not the case that one object conveys information to another object. Rather, it is the environment (the process algebra) being used to communicate with and	ISO Concept Database	Title: Information technology -- Open Distributed Processing -- Reference Model: Architectural semantics Committee: ISO/IEC JTC 1/SC 7

		not other objects.		
ISO/IEC 10746-4:1998	4.3.1.8	The conveyance of information between two or more objects is done by explicit or implicit (in case of remote procedures or imported/exported variables) channels or signal routes. Information is carried by signals.	ISO Concept Database	Title: Information technology -- Open Distributed Processing -- Reference Model: Architectural semantics Committee: ISO/IEC JTC 1/SC 7
ISO/IEC 10746-4:1998	4.4.1.8	Communication may be modelled in Z through inputs and outputs to operations. Inputs to and outputs from operation schemas are normally considered as communications with the environment of an object. Since communication occurs between objects, the environment of an object (see 4.4.1.2) must be specified to model communication. Communication is then achieved by firstly normalising the operation schemas associated with the interacting objects and then conjoining them, with the outputs of one operation being renamed as the inputs to the other operation schema. This modelling of communication requires that the inputs and outputs of the associated operation schemas are of the same type. Alternatively, the occurrence of operation schemas that reference variables global to the specification represent communications, with the value of the global variable following the operation occurrence being communicated with all other operation schemas referencing that variable	ISO Concept Database	Title: Information technology -- Open Distributed Processing -- Reference Model: Architectural semantics Committee: ISO/IEC JTC 1/SC 7
ISO/IEC 10746-4:1998	4.5.1.8	Information is conveyed between objects in two different ways: - through the output and subsequent reception of an interaction (an action sequence forming an interaction); - through	ISO Concept Database	Title: Information technology -- Open Distributed Processing -- Reference Model: Architectural semantics Committee: ISO/IEC

		the reading and updating of an exported variable.		JTC 1/SC 7
ISO 15005:2002	3.1	exchange or transfer of information	ISO Concept Database	Title: Road vehicles -- Ergonomic aspects of transport information and control systems -- Dialogue management principles and compliance procedures Committee: ISO/TC 22/SC 13
ISO 27991:2008	3.1	means of passing essential information between the relevant persons assigned to operate the MES	ISO Concept Database	Title: Ships and marine technology -- Marine evacuation systems -- Means of communication Committee: ISO/TC 8/SC 1
IEC 60050	IEV number 701-01-04 714-01-01 715-01-01	information transfer according to agreed conventions	International Electrotechnical Vocabulary	Area: 1. Telecommunications, channels and networks / Forms of telecommunications 2. Switching and signalling in telecommunications / General terms 3. Telecommunication networks, teletraffic and operation / Basic terms

Term: **Sensor networks Security & Privacy**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
ISO/IEC 2382-8:1998	08.01.23	Privacy: Freedom from intrusion into the private life or affairs of an individual when that intrusion results from undue or illegal gathering and use of data about that individual	ISO Concept Database	Title: Information technology -- Vocabulary -- Part 8: Security Committee: ISO/IEC JTC 1 Also used in: ISO/TS 18308:2004, ISO 17090-1:2008, ISO 13606-1:2008, ISO/TS 25237:2008, ISO/TS 21091:2005
ISO 7498-2:1989	3.3.43	Privacy: The right of individuals to control or influence what information related to	ISO Concept Database	Title: Information processing systems -- Open Systems Interconnection --

		them may be collected and stored and by whom and to whom that information may be disclosed		Basic Reference Model -- Part 2: Security Architecture Committee: ISO/IEC JTC 1 Also used in: ISO/TS 17573:2003, ISO/TS 24534-3:2008, ISO/TS 24534-4:2008, ISO/TS 24534-5:2008, ISO/IEC 18028-2:2006, ISO/TS 24534-2:2007
ISO/IEC TR 16501:1999	3.36	Privacy: privacy protects authorized participants from illegal utilization or knowledge of information related to their components in the DAVIC System	ISO Concept Database	Title: Information processing systems -- Open Systems Interconnection -- Basic Reference Model -- Part 2: Security Architecture Committee: ISO/IEC JTC 1
ISO/IEC 8802-11:2005	3.40	Privacy: The service used to prevent the content of messages from being read by other than the intended recipients	ISO Concept Database	Title: Information technology -- Telecommunications and information exchange between systems -- Local and metropolitan area networks -- Specific requirements -- Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Committee: ISO/IEC JTC 1/SC 6
ISO/TR 21089:2004	3.75	Privacy: freedom from intrusion into the private life or affairs of an individual when that intrusion results from undue or illegal gathering and use of data about that individual [ISO/IEC 2382-8] right of individuals to keep information about themselves from being disclosed to anyone [CPRI] security principle that protects individuals from the collection, storage and dissemination of information about themselves and the possible compromises resulting from unauthorized release of that information [HL7 Security SIG]	ISO Concept Database	Title: Health informatics -- Trusted end-to-end information flows Committee: ISO/TC 215 Also used in: ISO/TR 18307:2001
ISO/IEC	3.15	Privacy: the right of	ISO Concept	Title: Information

18028-3:2005		every individual that his/her private and family life, home and correspondence are treated confidentially, without interference by an authority except where it is in accordance with the law and is necessary in a democratic society in the interests of national security, public safety or the economic well-being of the country, for the prevention of disorder or crime, the protection of health or morals, or for the protection of the rights and freedoms of others	Database	technology -- Security techniques - - IT network security -- Part 3: Securing communications between networks using security gateways Committee: ISO/IEC JTC 1/SC 27
ISO/IEC TR 26927:2006	3.40	Privacy: feature that enables a user to control the disclosure of his identity, communication status or other communications related information, including media, to others	ISO Concept Database	Title: Information technology -- Telecommunications and information exchange between systems -- Corporate Telecommunication Networks -- Mobility for Enterprise Communications Committee: ISO/IEC JTC 1/SC 6
ISO/IEC 18028-1:2006	3.2.33	Privacy: right of every individual that his/her private and family life, home and correspondence are treated in confidence	ISO Concept Database	Title: Information technology -- Security techniques - - IT network security -- Part 1: Network security management Committee: ISO/IEC JTC 1/SC 27
ISO/IEC 12139-1:2009	3.33	Privacy: The service to prevent the content of messages from being read by others beside the intended recipients	ISO Concept Database	Title: Information technology -- Telecommunications and information exchange between systems -- Powerline communication (PLC) -- High speed PLC medium access control (MAC) and physical layer (PHY) -- Part 1: General requirements Committee: ISO/IEC JTC 1
ISO/IEC 15026:1998	3.15	Security: The protection of system items from accidental or malicious access, use, modification, destruction, or disclosure	ISO Concept Database	Title: Information technology -- System and software integrity levels Committee: ISO/IEC JTC 1/SC 7
ISO 6551:1982	2.2.7	Security: The state or means of ensuring	ISO Concept Database	Title: Petroleum liquids and gases --

		<p>fidelity. The degree or level of security given by a minimum basic arrangement, can be increased by additional equipment.</p>		<p>Fidelity and security of dynamic measurement -- Cabled transmission of electric and/or electronic pulsed data Committee: ISO/TC 28/SC 2</p>
ISO/IEC 12207:2008	4.39	<p>Security: protection of information and data so that unauthorized persons or systems cannot read or modify them and authorized persons or systems are not denied access to them</p>	ISO Concept Database	<p>Title: Systems and software engineering -- Software life cycle processes Committee: ISO/IEC JTC 1/SC 7 Also used in: IEC 62304:2006, ISO/TS 24534-4:2008, ISO/TS 24534-5:2008, ISO/TS 24534-1:2007, ISO/TS 24534-2:2007</p>
ISO/IEC 15288:2008	4.27	<p>Security: all aspects related to defining, achieving, and maintaining confidentiality, integrity, availability, non-repudiation, accountability, authenticity, and reliability of a system</p>	ISO Concept Database	<p>Title: Systems and software engineering -- System life cycle processes Committee: ISO/IEC JTC 1/SC 7 Also used in: ISO/IEC TR 15443-1:2005, ISO/IEC TR 15443-3:2007</p>
ISO/IEC 15444-8:2007	3.25	<p>Security: All aspects related to defining, achieving, and maintaining confidentiality, integrity, availability, accountability, authenticity, and reliability.</p>	ISO Concept Database	<p>Title: Information technology -- JPEG 2000 image coding system: Secure JPEG 2000 -- Part 8: Committee: ISO/IEC JTC 1/SC 29</p>
ISO 16484-5:2007	3.2.51	<p>Security: any of a variety of procedures used to ensure that information exchange is guarded to prevent disclosure to unauthorized individuals. Security measures are intended to prevent disclosure of sensitive information even to those who have valid access to the communication network. Security is distinct from access control, although some security can be provided by limiting physical access to the communication medium itself</p>	ISO Concept Database	<p>Title: Building automation and control systems -- Part 5: Data communication protocol Committee: ISO/TC 205</p>
ISO/TR 21089:2004	3.83	<p>Security: combination of availability, confidentiality, integrity and accountability [CEN</p>	ISO Concept Database	<p>Title: Health informatics -- Trusted end-to-end information flows</p>

		<p>ENV 13608-1] protection of information systems against unauthorized access to or modification of information, whether in storage, processing, or transit, and against the denial of service to authorized users or the provision of service to unauthorized users, including those measures necessary to detect, document and counter such threats [NSC] preservation of the confidentiality and integrity of data as well as ensuring the accountability and availability of data; combination of availability, confidentiality, integrity and accountability [CEN ENV 12924, MEDSEC] result of effective protection measures that safeguard data/information from undesired occurrences and exposure to accidental or intentional disclosure to unauthorized persons, accidental or malicious alteration, unauthorized copying, software deficiencies, operating mistakes, or sabotage [IOM]</p>		<p>Committee: ISO/TC 215 Also used in: ISO/TR 18307:2001</p>
ISO 21549-2:2004	3.14	<p>Security: combination of confidentiality, integrity and availability</p>	ISO Concept Database	<p>Title: Health informatics -- Patient healthcard data -- Part 2: Common objects Committee: ISO/TC 215 Also used in: ISO 21549-3:2004</p>
ISO 14950:2004	3.1.9	<p>Security: extent of on-board protection against unauthorized access to on-board telecommand functions, jamming of the telecommand channel, or corruption of the telecommand data, unauthorized access to telemetry data, or the corruption of these data</p>	ISO Concept Database	<p>Title: Health informatics -- Patient healthcard data -- Part 3: Limited clinical data Committee: ISO/TC 215</p>
ISO 17090-1:2008	3.3.25	<p>Security: combination of availability, confidentiality, integrity and accountability [ENV 13608-1]</p>	ISO Concept Database	<p>Title: Health informatics -- Public key infrastructure -- Part 1: Overview of digital certificate</p>

				services Committee: ISO/TC 215 Also used in: ISO/TS 21091:2005, ISO/TS 22600-1:2006, ISO/TS 22600-2:2006
ISO/TR 13569:2005	3.65	Security: quality or state of being protected from unauthorized access or uncontrolled losses or effects	ISO Concept Database	Title: Financial services -- Information security guidelines Committee: ISO/TC 68/SC 2
ISO 22902-1:2006	3.1.80	Security: the characteristic of being free of risk or danger	ISO Concept Database	Title: Road vehicles -- Automotive multimedia interface -- Part 1: General technical overview Committee: ISO/TC 22/SC 3
ISO 14229-1:2006	3.11	Security: as used in this part of ISO 14229, security access method that satisfies the requirements for tamper protection as specified in ISO 15031-7	ISO Concept Database	Title: Road vehicles -- Unified diagnostic services (UDS) -- Part 1: Specification and requirements Committee: ISO/TC 22/SC 3
ISO 21549-7:2007	3.43	Security: combination of security properties (such as availability, confidentiality, integrity and accountability) which constitutes a guarantee that data items and, more generally, any kind of security object has not been altered, modified, disclosed or withheld by any kind of security subject in an unauthorized manner with respect to the security policy [ITSEC]	ISO Concept Database	Title: Health informatics -- Patient healthcard data -- Part 7: Medication data Committee: ISO/TC 215
ISO 28000:2007	3.2	Security: resistance to intentional, unauthorized act(s) designed to cause harm or damage to, or by, the supply chain	ISO Concept Database	Title: Specification for security management systems for the supply chain Committee: ISO/TC 8
ISO 28001:2007	3.20	Security: resistance to intentional acts designed to cause harm or damage to or by the supply chain	ISO Concept Database	Title: Security management systems for the supply chain -- Best practices for implementing supply chain security, assessments and plans -- Requirements and guidance Committee: ISO/TC 8/SC 11
ISO 20858:2007	2.10	Security: resistance to intentional, unauthorized	ISO Concept Database	Title: Ships and marine technology --

		acts designed to cause harm or damage to ships and ports		Maritime port facility security assessments and security plan development Committee: ISO/TC 8/SC 11
ISO 16484-2:2004	3.176	Security: any of a variety of procedures used to ensure that information exchange is guarded to prevent disclosure to unauthorized individuals	ISO Concept Database	Title: Building automation and control systems (BACS) -- Part 2: Hardware Committee: ISO/TC 205
IEC 60050	IEV number 191-21-03	<p>security (of an electric power system): ability of an electric power system to operate in such a way that credible events do not give rise to loss of load, stresses of system components beyond their ratings, bus voltages or system frequency outside tolerances, instability, voltage collapse, or cascading</p> <p>NOTE 1 – This ability may be measured by one or several appropriate indices.</p> <p>NOTE 2 – This concept is normally applied to bulk power systems.</p> <p>NOTE 3 – In North America, this concept is usually defined with reference to instability, voltage collapse and cascading only.</p>	International Electrotechnical Vocabulary	Area: Dependability and quality of service / Electric power system related concepts

Term: **Information service supporting**

Definition:

- Have not been defined specially for sensor networks

But used in:

Standard	Clause	Definition	Database	Note
			ISO Concept Database	Title: Information and documentation - - Vocabulary Committee: ISO/TC 46