

1. Record Nr.	UNISA996551165303316
Titolo	11073-10700-2022 - IEEE Standard -- Health Informatics--Device Interoperability Part 10700 : PointofCare Medical Device Communication--Standard for Base Requirements for Participants in a ServiceOriented Device Connectivity (SDC) System / / IEEE
Pubbl/distr/stampa	New York : , : IEEE, , [2023] ©2023
ISBN	1-5044-9848-8
Descrizione fisica	1 online resource (67 pages)
Disciplina	610.285
Soggetti	Medical informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Medical devices that offer a communication interface as specified by the IEEE 11073 Service-oriented Device Connectivity (SDC) standards can be integrated into a health IT system to jointly execute system functions. However, implementing the IEEE 11073 SDC communication protocol is not sufficient to demonstrate safety, effectiveness, and security of system functions resulting from the combination of system function contributions from two or more medical devices. SDC participant key purposes (PKPs) are sets of requirements that allow for manufacturers to have certain expectations about BICEPS participants from other manufacturers. This common understanding enables the manufacturers to perform risk management, verification, validation, and usability engineering for the safe use of system functions. This standard specifies requirements for the allocation of responsibilities to SDC base participants.