

1. Record Nr.	UNINA9910308056803321
Titolo	IEEE Std 11073-20701-2018 Health informatics . Part 20701 Service-Oriented Medical Device Exchange Architecture and Protocol Binding : Point-of-care medical device communication / / IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society
Pubbl/distr/stampa	New York : , : IEEE, , 2019
ISBN	1-5044-5264-X
Descrizione fisica	1 online resource (45 pages)
Collana	IEEE Std ; ; 11073-20701-2018
Disciplina	004.654
Soggetti	Service-oriented architecture (Computer science) Medical informatics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Within the context of the ISO/IEEE 11073 family of standards for point-of-care (PoC) medical device communication, an architecture for service-oriented distributed PoC medical devices and medical IT systems is defined. This standard defines a binding of the Participant, Discovery, and Communication Model defined in IEEE Std 11073-10207 (TM) to the profile for transport over Web Services defined in IEEE Std 11073-20702(TM). Moreover, a binding to Network Time Protocol (NTP) and Differentiated Services (DiffServ) is defined for time synchronization and transport Quality of Service requirements.