

Multimedia Appendix 4: Taxonomy of Cloud Computing Services (CCSs) for Health Care Organizations

CCSa	ST				SF			DM			TCA						T		U			SDD			PDI			
	cl	ad	sg	re	sw	pf	if	pb	pr	co	sc	el	ub	ce	sh	io	se	rt	nr	pan	s	fm	ip	at	sp	in	ex	ni
C01	√				√			√			√					√			√		√				√			
C02	√	√			√			√			√		√						√		√					√		
C03	√				√			√			√				√	√			√		√					√		
C04		√			√			√					√		√				√		√			√		√		
C05	√				√			√			√		√					√		√	√				√		√	
C06	√					√			√		√			√			√		√		√		√			√		
C07	√				√			√			√		√		√			√		√	√			√		√		
C08	√		√		√			√					√		√		√	√		√			√			√		
C09	√				√				√							√			√		√		√		√			
C10	√				√				√				√		√			√		√	√				√		√	
C11	√				√			√			√			√				√		√		√			√			
C12	√				√				√		√				√			√		√		√			√			
C13	√				√				√				√		√			√		√				√	√			
C14	√				√			√			√			√				√		√		√			√			
C15	√			√	√			√			√		√			√		√		√		√				√		
C16	√				√			√			√		√					√		√	√				√		√	
C17	√				√			√			√				√			√		√				√	√			
C18	√				√				√		√		√		√			√		√			√		√			
C19		√			√				√		√					√			√		√					√		
C20	√				√			√					√		√		√	√		√		√			√			
C21	√				√			√					√		√		√	√		√		√			√			
C22		√	√		√			√			√							√		√		√			√			
C23	√				√					√	√				√			√		√		√			√			
C24	√	√	√	√	√				√			√	√	√				√		√		√			√			
C25	√				√				√	√					√		√		√		√		√		√			
C26	√	√			√				√				√					√		√	√				√		√	
C27	√				√				√				√		√			√		√				√	√			
C28		√					√		√			√						√		√		√			√			
C29		√			√				√				√					√		√	√				√		√	
C30	√				√				√				√		√			√		√				√	√			
C31	√				√			√			√			√				√		√		√			√			
C32		√			√			√	√		√							√		√		√			√			
C33	√				√					√	√				√		√		√		√		√			√		
C34	√				√			√			√		√					√		√	√				√		√	
C35	√	√	√	√	√			√			√			√				√		√		√			√			
C36	√	√	√	√	√				√			√	√	√				√		√		√			√			
C37	√	√	√	√			√			√	√		√					√		√		√			√			
C38	√						√		√		√						√	√		√		√			√			
C39			√		√			√			√							√		√		√			√			

Multimedia Appendix 4: Continued

CCS ^a	ST				SF			DM			TCA						T		U			SDD			PDI			
	cl	ad	sg	re	sw	pf	if	pb	pr	co	sc	el	ub	ce	sh	io	se	rt	nr	pa	ns	fm	ip	at	sp	in	ex	ni
C40	√				√					√					√			√			√					√		
C41				√	√			√			√					√	√	√			√					√		
C42		√			√			√								√	√	√			√						√	
C43	√		√		√				√	√					√			√			√					√		
C44		√		√	√			√			√				√			√			√							√
C45	√				√			√			√			√			√	√			√					√		
C46				√	√			√			√				√			√			√						√	
C47			√		√				√					√				√			√							√
C48		√			√			√			√							√			√							√
C49			√		√			√			√				√			√			√							√
C50	√	√	√	√	√			√				√		√				√			√					√		
Hits (N)	36	16	11	9	46	1	3	29	18	4	32	4	20	11	22	7	10	20	30	8	47	2	29	10	11	31	15	4

Abbreviations:

ad (Administrative); at (Adapted); CCS (Cloud computing service); ce (Cost efficiency); cl (Clinical); co (Community); DM (Deployment model); el (Elasticity); ex (External); fm (Family member); if (Infrastructure); in (Internal); io (Interoperability); ip (Independent); ms (Medical staff); ni (No involvement); nr (Not real-time); pa (Patient); pb (Public); PDI (Patient data involvement); pf (Platform); pr (Private); re (Research); rt (Real-time); sc (Scalability); SDD (Service delivery device); se (Security); SF (Service form); sg (Strategic); sh (Shareability); sp (Specialized); ST (Supported task); sw (Software); T (Timeliness); TCA (Targeted cloud advantage); U (User); ub (Ubiquity)

Note:

- a. For the descriptions of the cloud computing services (labelled with C#) cf. Multimedia Appendix 1