

	Sound-Ekin CDK + Merge Fusion PACS (SMP CSI)	Sound-Ekin TruDR DX 1700 + FusionReveal	AI PRO-METRON + Radinfostystems PACS	Dai Medical Vdi Droc	SimondR Advanced Temp Digital Retrofit + Whitecap PACS	FUJI XCD + FCR View	Sedical 16x CCD + View Works (16MP CSI CCD)	SEDESCAL 9x + View Works (SMP CSI CCD)	AFP DIGIVET CADR	Quantum 9x + AMS Carella PACS	ALARA Crystal View CR	Sound-Ekin TruCR+ Fusion PACS	Insight 16MP CCD	DEXX CRX Iboxx PACS	DEXX DR+ Iboxx PACS	Konica Image Pilot	AGFA CR30	Sound-Ekin Rapid Study DR	Cuattro*	
Image Acquisition																				
2.5LPMM resolution?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Dicom conformance statement?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
DICOM c-store verified? (DICOM Send) ?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
DICOM header verified (DVT analysis) ?	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	NO	NO	NO	Yes	Yes	Yes	Yes	Yes	NO	Yes	✓	TBD
Autorexposure index?	*	NO	✓	✓	*	✓	✓	*	✓	✓	✓	*	✓	*	✓	✓	✓	✓	✓	TBD
Ability to change DICOM header?	NO	✓	✓	✓	NO	✓	✓	✓	✓	✓	✓	*	✓	*	✓	✓	✓	✓	✓	TBD
Audit trail for DICOM header alterations?	N/A	*	✓	✓	NA	✓	✓	✓	✓	*	✓	*	✓	*	✓	✓	*	✓	✓	TBD
Is unit able to autoroute images?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Border Masks (Automatic or Manual)	✓ Auto	✓ Auto	✓ Auto	✓ Auto	✓ Auto	*	✓ Auto	✓ Auto	✓ Man	✓ Auto	✓ Man	*	✓ Auto	✓ Auto	✓ Auto	✓ Auto	✓ Auto	✓ Auto	✓ Auto	TBD
Image area size?	14 x 17 in	17 x 17 in	CR	17 x 17 in	14x17	CR	17 x 17 in	17 x 17 in	12 x 16 in	17 x 17 in	CR	CR	14 x 17	CR	14 x 17 in	CR	CR	14 x 17 in	CR	TBD
Total acquisition time?	11.9 sec	12.8sec	50.2sec	11 sec	12.1sec	35 sec	11 sec	8 sec	42 sec	11.69 sec	88sec	98sec	15 sec	84 sec	41.2 sec	54 sec	37 sec	5.8sec	TBD	
How many mouse clicks to send to remote server (c-store)?	2-4 clicks	4 clicks	4 clicks	3 clicks	Variable	3 clicks	3 clicks	3 clicks	3 clicks	4 clicks	4 clicks	4 clicks	3 clicks	4 clicks	3 clicks	3-4 clicks	4 clicks	4 clicks	4 clicks	TBD
Type of Acquisition System	CCD DR	DR FP	CR	DR FP	DR CCD	CR	DR CCD	DR CCD	DR FP	DR CCD	CR	CR	DR CCD	CR	DR FP	CR	CR	DR FP	TBD	
If CR - Open or Closed?	NA	NA	open	NA	NA	closed	NA	NA	NA	NA	NA	Closed	Closed	NA	Closed	NA	Closed	Closed	NA	TBD
Embedded Image Data Removal	✓	✓	✓	Yes	Yes	Yes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
DVM to manually configure destinations	✓	✓	✓	Yes	Yes	Yes with code	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
PACS																				
Ability to Autoroute Images	✓	✓	✓	NA***	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
DICOM conformance statement?	✓	✓	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Audit trail for DICOM header alterations?	✓	*	✓	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	✓	✓	✓	✓	✓	TBD
Ability to store other modalities in PACS?	✓	✓	✓	NA	✓	*	*	*	✓	✓	✓	✓	*	✓	✓	✓	✓	✓	✓	TBD
DICOM Query/Retrieve Enabled	✓	✓	✓	NA	✓	*	✓	*	*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Interdiology																				
Error checking (including error indicator) during c-store?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
How many mouse clicks to send to remote server (c-store)?	4 clicks	4 clicks	4 clicks	3 clicks	Variable	3 clicks	3 clicks	3 clicks	3 clicks	3 clicks	4 clicks	4 clicks	3 clicks	4 clicks	4 clicks	3-4clicks	4 clicks	4 clicks	4 clicks	TBD
Distribution																				
Ability to burn CD or DVD?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
CD/DVD compliant with DICOM exchangeable media profile?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*	✓	✓	✓	TBD
Viewer included with CD/DVD?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Ability to export images as JPEG's?	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	TBD
Modality Worklist																				
Modality Worklist Verified?	*	✓	✓	✓	✓	*	✓	✓	*	*	✓	*	*	*	*	✓	✓	✓	✓	TBD
Exposures used to obtain images (mAs/kVp)																				
Phantom	10.0/100	2.0/100	10/100	1.0/100	5/100	1.0/100	1.25/100	1.02/100	1.0/100	2.4/100	NOT TESTED*	5.0/100	16/100	2.0/100	2.5/100	12.5/100	0.5/100	2.5/100	TBD	
Cat Whole body VD	10.0/100	3.2/100	10/65.0	4.0/60	5.0/95	2.0/60	3.2/80	2.0/72	8.0/61	7.9/79	3.2/62	5.0/80	8.0/75	3.2/77	3.2/70	2.5/62	5.0/10	2.5/100	TBD	
Cat Whole body LAT	10.0/100	3.2/100	10/65.0	4.0/55	4.0/95	2.0/60	3.2/75	2.5/70	8.0/60	7.9/79	3.2/62	5.0/80	8.0/75	3.2/77	3.2/70	2.5/62	5.0/70	2.5/100	TBD	
Cat Paw	10.0/100	3.2/100	6.4/45.0	1.25/44	3.2/92	1.6/60	3.2/65	2.5/65	3.2/53	3.9/56	2.0/42	5.0/80	5.0/75	2.5/65	2.0/70	2.0/50	1.0/52	2.5/100	TBD	
Large Dog Abd Lat	10.0/100	3.2/100	20/85.0	4.0/83	5.0/100	5.0/80	8.0/80	6.4/80	4.0/80	18.1/73	5.0/74	5.0/100	16.0/95	8.0/81	6.4/100	12.5/85	20.0/70	2.5/100	TBD	
Large Dog Abd VD	10.0/100	3.2/100	20/85.0	5.0/83	6.4/102	5.0/80	8.0/85	6.4/80	4.0/84	15.3/69	5.0/74	5.0/100	16.0/95	8.0/81	6.4/100	12.5/85	20/70.0	2.5/100	TBD	
Large Dog Thorax Lat	10.0/100	3.2/100	20/85.0	4.0/83	6.4/94	6.4/80	3.2/105	2.0/1.05	4.0/80	14.7/89	5.0/74	5.0/80	5.0/115	5.0/85	8.0/100	8.0/82	10/80.0	2.5/100	TBD	
Large Dog Thorax VD	10.0/100	3.2/100	20/85.0	5.0/80	6.4/112	6.4/80	3.2/106	2.8/103	3.2/80	21.8/97	5.0/74	5.0/80	6.4/115	5.0/85	8.0/95	12.5/85	10/80.0	2.5/100	TBD	
Small Dog Whole Body Lat	10.0/100	3.2/100	10/65.0	5.0/64	5.0/92	3.2/80	3.2/105	3.2/75	2.5/78	9.9/82	5.0/62	5.0/80	10.0/80	4.0/77	3.2/80	2.6/66	5.70/0	2.5/100	TBD	
Small Dog Whole Body VD	10.0/100	3.2/100	10/65.0	5.0/65	5.0/98	3.2/80	5.12/78	2.5/80	4.0/78	12.1/85	3.2/62	5.0/80	10.0/80	4.0/77	3.2/80	3.2/66	6.4/70	2.5/100	TBD	
Large Dog Elbow	10.0/100	3.2/100	10/55.0	2.5/52	3.2/92	3.2/60	4.0/70	3.2/70	4.0/53	4.3/58	2.0/44	5.0/80	5.0/95	2.5/65	4.0/80	2.5/55	2.0/52	2.5/100	TBD	

* ALARA LPMM not tested because of SHOWDOWN Judge Testing error. This is NOT an issue with the ALARA product
 **Cuattro testing is delayed. This is due to factors outside of their control. Animal Insides assumes 100% responsibility for their testing delay
 *** NA in the PACS listing indicates that the vendor did not bring a PACS to the SHOWDOWN so PACS functionality was not tested.