

## ComPACS® Server SR Plugin for GE® Excel Output

ComPACS Server SR Plugin for GE® Excel Output is a software component for the ComPACS Archive and Server lines to import echo measurements performed on board of GE® Vivid product line or from any product exporting measurement information in the GE® Vivid Excel format.

CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM
31				Cardiac/2i Cardiac/2i 2D/LVIDs			Measuren	3.671.768		cm	LVIDs	2D	All	f
32				Cardiac/2i Cardiac/2i 2D/SI(Cube)			Average	0.000000		Undefined ml/m2	SI(Cube)	2D	All	f
33				Cardiac/2i Cardiac/2i 2D/SI(Cube)			Measuren	0.000000		Undefined ml/m2	SI(Cube)	2D	All	f
34				Cardiac/2i Cardiac/2i 2D/SI(Teich)			Average	0.000000		Undefined ml/m2	SI(Teich)	2D	All	f
35				Cardiac/2i Cardiac/2i 2D/SI(Teich)			Measuren	0.000000		Undefined ml/m2	SI(Teich)	2D	All	f
36				Cardiac/2i Cardiac/2i 2D/SI(Cube)			Average	35.911.790		ml	SV(Cube)	2D	All	f
37				Cardiac/2i Cardiac/2i 2D/SI(Cube)			Measuren	35.911.790		ml	SV(Cube)	2D	All	f
38				Cardiac/2i Cardiac/2i 2D/SI(Teich)			Average	30.805.056		ml	SV(Teich)	2D	All	f
39				Cardiac/2i Cardiac/2i 2D/SI(Teich)			Measuren	30.805.056		ml	SV(Teich)	2D	All	f
40				Cardiac/2i Cardiac/2i 2D/LVOT Diam			Average	2.101.819		cm	LVOT Diam	2D	All	f
41				Cardiac/2i Cardiac/2i 2D/LVOT Diam			Measuren	2.101.819		cm	LVOT Diam	2D	All	f
42				Cardiac/2i Cardiac/2i 2D/LVPWd			Average	1.064.458		cm	LVPWd	2D	All	f
43				Cardiac/2i Cardiac/2i 2D/LVPWd			Measuren	1.064.458		cm	LVPWd	2D	All	f
44				Cardiac/2i Cardiac/2i 2D/MV Annulus Diam			Average	2.190.263		cm	MV Ann D	2D	All	f
45				Cardiac/2i Cardiac/2i 2D/MV Annulus Diam			Measuren	2.190.263		cm	MV Ann D	2D	All	f
46				Cardiac/2i Cardiac/2i 2D/RVOT Diam			Average	2.322.542		cm	RVOT Diam	2D	All	f
47				Cardiac/2i Cardiac/2i 2D/RVOT Diam			Measuren	2.322.542		cm	RVOT Diam	2D	All	f
48				Cardiac/2i Cardiac/2i 2D/Pulmonic Diam			Average	2.337.221		cm	Pulmonic	2D	All	f
49				Cardiac/2i Cardiac/2i 2D/Pulmonic Diam			Measuren	2.337.221		cm	Pulmonic	2D	All	f
50				Cardiac/2i Cardiac/2i 2D/Systemic Diam			Average	2.119.527		cm	Systemic I2D	All	All	f
				Cardiac/2i Cardiac/2i 2D/Systemic Diam			Measuren	2.119.527		cm	Systemic I2D	All	All	f

This component applies both to product revisions that do not have native DICOM SR output and to more recent revisions which include this feature.

In fact, though ComPACS is capable of importing measurements from the DICOM SR format, the DICOM object natively generated from the echo system generally does not contain all the different measurements that the echo platform allows, consequently limiting the data that can be auto-populated in a report or stored to a clinical database.

However, the GE® Excel output contains a complete data set of the structured measurement information, including advanced, proprietary or user defined data. The component automatically parses, without any user intervention, this Excel® file as it is exported to a configurable network folder, and generates a fully compliant extended DICOM echo SR object complete of all measurements.

With this automatic conversion from proprietary file format to standard DICOM SR, the functionality of an older non DICOM SR capable device is extended as it can now output DICOM SR. In addition, the DICOM SR capabilities of a newer DICOM SR enabled device is also extended by overcoming original manufacturer limitations and allowing a fully digital workflow.

### Main Features

- Performs automatic parsing and DICOM SR conversion from GE Excel measurement output.
- Generates a fully compliant standard DICOM SR object according to the different DICOM echo supplements, and extended to allow for a complete set of measurements.
- Overcomes content limitations of native DICOM SR output.

### System Requirements

#### ComPACS Server SR Plugin for GE® Excel Output – Rev. 10.5

- Integrates in ComPACS Archive or Server product lines without additional system requirements.