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Release Bulletin

Philips DICOM Viewer R3.0 L1 SP12

Document id: ICAP-PF.0036432

	Function	Name	Signature & Date
Prepared by:	Test Engineer	Bharamagouda Patil	Available in Livelink
Reviewed by:	Q & R Representative	Sharickahmed Mohammedusman	Not Required
	Test Manager/ Verification Lead	Bhakthavathsala, R B	Not Required
	Software Engineer	Akhilesh Chaturvedi	Not Required
	Test Engineer	Jabesh Daniel	Not Required
	Test Engineer	Adarsh K S	Not Required
	Project Manager	Pramod Hubli	Not Required
	Project Architect	Ranjeet Karale	Not Required
Approved by:	Project Manager	Pramod Hubli	Available in Livelink

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Section 1 Introduction

1.1 Philips DICOM Viewer R3.0 L1 SP12

This is the release bulletin for the Philips DICOM Viewer R3.0L1SP12.

This release is based on the previous Philips DICOM Viewer R3.0L1SP11.

This release supports the Windows 10 Version 1803 and topics mentioned in Section 1.2.1, for which complete history is tracked in ClearQuest within the DV3.0 bin

There are no functional changes (requirements) compared to R3.0 / R3.0 SP01 / R3.0 SP02 / R3.0 SP03 / R3.0 SP04 / R3.0 SP05 / R3.0 SP06 /R3.0 SP07 / R3.0 SP08 / R3.0 SP09 / R3.0 SP10/ R3.0 SP11. Only defect solving is done.

1.2 Identification

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP12
Product Name	Philips DICOM Viewer R3.0 L1 SP12
Baseline	Revision 55243 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	55243_20180718_201652
32bits Build #	MIP-X86-11.2.6773.2023
64bits Build #	MIP-X64-11.2.6773.2035
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP12
Tag Revision #	55250

1.2.1 Solved defects

Defect	Headline	Segment
MIP00156677	Using local export and saving as DICOM the included viewer (PMSDView R3.0-SP03) it returns: Data cannot be displayed	Dicom Viewer
MIP00157516	IOCC: Hospitals complains about no longer working DICOM Viewer on Win10 with latest patch	Dicom Viewer
MIP00157765	[IOCC-1363] ISP burnt CD/DVD not able to view due to dot net initialization error	Dicom Viewer
MIP00157766	Problems with burning DVD in ISP :ISP00213816 - Regarding escalation 0110481905	Dicom Viewer

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1.3 Contents of the delivery

Description	Identification
Philips DICOM Viewer R3.0 L1 SP12 software	PmsDView.exe
Release Bulletin Philips DICOM Viewer R3.0 L1 SP12 (this document)	ICAP-PF.0036432
DICOM Viewer R3.0 L1 SP12 - Notification on Release for Delivery	ICAP-PF.0036548
DICOM Viewer R3.0 L1 SP12 - QMS Process Conformity Report	ICAP-PF.0036547

Section 2 Installation

No special installation steps are required, just copy the single-exe application (PmsDView.exe) to the location where you want it and run it.

Note:

The Philips DICOM Viewer R3.0 L1 SP12 will automatically detect the DICOMDIR if:

1. The DICOMDIR is located in the root of the drive the Philips DICOM Viewer is started from.
2. The DICOMDIR is located in the current working folder, i.e. the folder where the DICOM Viewer is started from.

If the DICOMDIR cannot be located at any of these places, the Philips DICOM Viewer will automatically detect DICOM files with extension .dcm if:

1. The DICOM files are located in the root of the drive the DICOM Viewer is started from.
2. The DICOM files are located in the current working folder, i.e. the folder where the Philips DICOM Viewer is started from.

If no DICOMDIR or DICOM files can be located at any of these places, the DICOM Viewer will start and the user will have to select the DICOMDIR or DICOM files manually.

A virus scanner or Internet security application may warn the Philips DICOM Viewer is trying to access the Windows Registry. This is intended behavior and needed for the Philips DICOM Viewer to function properly.

Release Information:

Please read the safety risk Overview carefully, especially chapter 5 [INTENDED USE / INTENDED PURPOSE/ FORESEEABLE MISUSE]

The Philips DICOM Viewer R3.0 L1 SP12 can be used to view DICOM image information available on CD/DVD/USB or any DICOMDIR for non-diagnostic illustration purposes.

When DICOM image information will be distributed by means of CD/DVD or USB, the DICOM viewer can be distributed together with the DICOM image information on the CD/DVD or USB.

The Philips DICOM Viewer R3.0 L1 SP12 is not intended nor designed for any kind of Clinical and/or diagnostic purposes

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IHE compliant readme file:

System integrators that intend to write the Philips DICOM Viewer application to CD/DVD/USB while exporting image data to CD/DVD/USB may want to include an IHE compliant readme file into the export. The following file can be used as a template for such a readme file. Parts of this template have been filled with information on this Philips DICOM Viewer R3.0 L1 SP12 application:



Section 3 Test Plan

The intention of this Philips DICOM Viewer Release is to solve some deployment defects found by stakeholders and in the field, based upon Philips DICOM Viewer R3.0 L1 SP11

The test approach chosen for the Philips DICOM Viewer is to verify the defects in scope and impacted areas if any.

3.1 Test equipment

Philips DICOM Viewer R3.0 L1 SP12 will be tested on Windows 7 and more testing focus on Windows10 Version 1803.

3.2 Solved defects

Segment	Defect	Headline	Hazard related	Security related	Status
Dicom Viewer	MIP00156677	Using local export and saving as DICOM the included viewer (PMSDView R3.0-SP03) it returns: Data cannot be displayed	No	No	Verified
Dicom Viewer	MIP00157516	IOCC: Hospitals complains about no longer working DICOM Viewer on Win10 with latest patch	No	No	Verified
Dicom Viewer	MIP00157765	[IOCC-1363] ISP burnt CD/DVD not able to view due to dot net initialization error	No	No	Duplicate of (MIP00157516)
Dicom Viewer	MIP00157766	Problems with burning DVD in ISP :ISP00213816 - Regarding escalation 0110481905	No	No	Duplicate of (MIP00156677)

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3.3 Known Defects

Segment	Defect	Headline	Hazard related	Security related
Dicom Viewer	MIP00157529	The data not loaded in the PMSD Viewer, when the DICOMDIR file which has of different Directory Record Type structure.	No	No
Dicom Viewer	MIP00157584	When using the PMSDview to view images if CLAHE was applied the images appear white	No	No
Dicom Viewer	MIP00149087	Hologic Multiframe Breast Data not recognized	No	No
Dicom Viewer	MIP00157200	IOCC: Cannot view one PET Image with the DICOM viewer 3.0SP11	No	No
Dicom Viewer	MIP00157272	Philips dicom viewer support	No	No
Dicom Viewer	MIP00157322	Line up supported SOP Classes Philips DICOM viewer and ISPACS	No	No
Dicom Viewer	MIP00113309	IOCC: Breast Tomo objects with Transfer Syntax EBE is not viewable in DV3SP2.	No	No
Dicom Viewer	MIP00120384	MR: Difference in image with same Pixelmap	No	No
Dicom Viewer	MIP00151427	IOCC: DX images are pixelated in the DICOM Viewer where the SanteViewer shows it "normal"	No	No
Dicom Viewer	MIP00157734	Philips Dicom Viewer is crashing upon opening a MR study that was exported from Intellispace PACS	No	No
Dicom Viewer	MIP00157754	Philips Dicom Viewer not showing Japanese annotation	No	No

3.4 Impacted test cases

Functional area / defect ID	Description / Test Case ID: Test Case Name	Document ID	Verified By
MIP00157516, MIP00157765	2.3.8.3 TE_TestCase: ROI Measurements 2.6.1 TE_TestCase: DICOM information 2.3.1 TE_TestCase: Pan 2.3.2 TE_TestCase: Zoom 2.3.3 TE_TestCase: Gray Level 2.3.5 TE_TestCase: Movie Replay, Cycle Series, and Cycle Study 2.3.6 TE_TestCase: Rotate 2.3.7 TE_TestCase: Mirror and Flip	Test Specification Philips DICOM Viewer R3.0 ICAP-PF.0001002	Bharamagouda Patil
MIP00156677, MIP00157766	2.3.12 TE_TestCase: DICOM Overlays 2.2.7 TE_TestCase: Export Images 2.2.8 TE_TestCase: Export Movies	Test Specification Philips DICOM Viewer R3.0 ICAP-PF.0001002	Bharamagouda Patil

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3.5 Regression Test cases

No Regression in scope for this archive.

3.6 Hazard tests

Defect	Test case	Description	Tester
None			

The defects were analyzed and there were no Safety related issues.

3.7 Security tests

Defect	Test case	Description	Tester
None			

The defects were analyzed and there were no Security related issues.

3.8 Verification of the delivery

- PR verification
- The tests described in chapter 3.2, 3.4, 3.5, 3.6 and 3.7 have passed

3.9 Release of delivery

The software will be released to the customer when:

- The verification of the delivery items (see chapter 3.8) was successful.
- All relevant files are included in the delivery of the Service Pack.
 - Philips DICOM Viewer R3.0L1SP12 software
 - Release Bulletin Philips DICOM Viewer R3.0L1SP12
 - Readme.txt

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Section 4 Test Report

4.1 Conclusion

The required tests which are described in section 3 are completed and passed.
Philips DICOM Viewer R3.0 L1 SP12 can be released to the customer.

4.1.1 Actual environment used for testing

The Philips DICOM Viewer R3.0 L1 SP12 does not have additional requirements on the hardware.
The hardware must be capable of running the Windows version efficiently.

PmsDView.exe was tested on the below OS flavors:

- Windows 7 and Windows 10 Version 1803.

4.1.2 Verified Defects

Segment	Defect	Headline	Test Results
Dicom Viewer	MIP00156677	Using local export and saving as DICOM the included viewer (PMSDView R3.0-SP03) it returns: Data cannot be displayed	Verified  MIP00156677.txt
Dicom Viewer	MIP00157516	IOCC: Hospitals complains about no longer working DICOM Viewer on Win10 with latest patch	Verified  MIP00157516.txt
Dicom Viewer	MIP00157765	[IOCC-1363] ISP burnt CD/DVD not able to view due to dot net initialization error	Duplicate of (MIP00157516)
Dicom Viewer	MIP00157766	Problems with burning DVD in ISP :ISP00213816 - Regarding escalation 0110481905	Duplicate of (MIP00156677)

4.1.3 Impacted test cases

Ref to the documents embedded in section 4.1.2 for Test results

4.1.4 Hazard tests

Defect	Test case	Description	Tester	Result
None				

The defects were analyzed and there were no Safety related issues.

4.1.5 Security tests

Defect	Test case	Description	Tester	Result

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Defect	Test case	Description	Tester	Result
None				

The defects were analyzed and there were no Security related issues.

Section 5 Applicable Documents

5.1 Input documents

Ref.	Document title	Document ID
[DRS]	DRS Dicom Viewer R3.0	ICAP-PF.0000780
[TS]	TS DICOM Viewer 3.0	ICAP-PF.0001002

5.2 Reference documents

Description	Identification
Product Safety Risk Overview Philips DICOM Viewer R3.0	ICAP-PF.0000995
DICOM Conformance Statement Philips DICOM Viewer R3.0 SP03	PIIOffc.0001703
DICOM Conformance Approval Philips DICOM Viewer R3.0 SP03	PIIOffc.0001712
IHE Integration Statement Philips DICOM Viewer R3.0 SP03	PIIOffc.0001702
DICOM Viewer R3.0 L1 SP12 - Code Review Report	ICAP-PF.0036526

Section 6 Scope for Philips DICOM Viewer R3.0 L1 SP12

Defect	Headline	Segment
MIP00156677	Using local export and saving as DICOM the included viewer (PMSDView R3.0-SP03) it returns: Data cannot be displayed	Dicom Viewer
MIP00157516	IOCC: Hospitals complains about no longer working DICOM Viewer on Win10 with latest patch	Dicom Viewer
MIP00157765	[IOCC-1363] ISP burnt CD/DVD not able to view due to dot net initialization error	Dicom Viewer
MIP00157766	Problems with burning DVD in ISP :ISP00213816 - Regarding escalation 0110481905	Dicom Viewer

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Section 7 Previously released Levels/ Service Packs

Philips DICOM Viewer R3.0

Item	Identification
Delivery Location	https://www.sc-phlps.sfo.collab.net/sf/frs/do/listReleases/projects.mip/frs.dicomviewer
Baseline	Revision 42339 of https://project.sc-phlps.sfo.collab.net/svn/mip/branches/pii-sw112v1lx
Source location	https://project.sc-phlps.sfo.collab.net/svn/mip/tags/releases/DicomViewer/DV3.0
Tag revision #	42386

Philips DICOM Viewer R3.0 L1 SP01

Item	Identification
Delivery Location	https://www.sc-phlps.sfo.collab.net/sf/go/projects.mip/frs.dicomviewer.r3_0_sp01
Baseline	Revision 44373 of https://project.sc-phlps.sfo.collab.net/svn/mip/branches/pii-sw112v1
Source location	Revision 44484 of https://project.sc-phlps.sfo.collab.net/svn/mip/tags/releases/DicomViewer/DV3.0-SP1
Build	44373_20120808_111502

Philips DICOM Viewer R3.0 L1 SP02

Item	Identification
Delivery Location	https://www.sc-phlps.sfo.collab.net/sf/frs/do/viewRelease/projects.mip/frs.dicomviewer.r3_0_sp02
Baseline	Revision 46981 of https://project.sc-phlps.sfo.collab.net/svn/mip/branches/pii-sw112v1Lx
Build	46981_20130415_083218
32bits Build #	11.2.4853.0845
64bits Build #	11.2.4853.0852
Tag Location	https://project.sc-phlps.sfo.collab.net/svn/mip/tags/releases/DicomViewer/DV3.0-SP2
Tag Revision #	46984

Philips DICOM Viewer R3.0 L1 SP03

Item	Identification
Delivery Location	https://www.sc-phlps.sfo.collab.net/sf/frs/do/viewRelease/projects.mip/frs.dicomviewer.r3_0_sp03
Baseline	Revision 47624 of https://project.sc-phlps.sfo.collab.net/svn/mip/branches/pii-sw112v1Lx
Build	47624_20130731_191509
32bits Build #	11.2.4960.1928
64bits Build #	11.2.4960.1935
Tag Location	https://project.sc-phlps.sfo.collab.net/svn/mip/tags/releases/DicomViewer/DV3.0-SP3
Tag Revision #	47627

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Philips DICOM Viewer R3.0 L1 SP04

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP04
Product Name	Philips DICOM Viewer R3.0 L1-SP04
Baseline	Revision 50339 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	50339_20141010_111535
32bits Build #	11.2.5396.1120
64bits Build #	11.2.5396.1127
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP4
Tag Revision #	50347

Philips DICOM Viewer R3.0 L1 SP05

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP05
Product Name	Philips DICOM Viewer R3.0 L1 SP05
Baseline	Revision 52608 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	52608_20151009_201626
32bits Build #	11.2.5760.2034
64bits Build #	11.2.5760.2042
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP5
Tag Revision #	52611

Philips DICOM Viewer R3.0 L1 SP06

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP06
Product Name	Philips DICOM Viewer R3.0 L1 SP06
Baseline	Revision 52931 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	52931_20160107_111615
32bits Build #	11.2.5850.1133
64bits Build #	11.2.5850.1136
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP6
Tag Revision #	52951

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Philips DICOM Viewer R3.0 L1 SP07

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP07
Product Name	Philips DICOM Viewer R3.0 L1 SP07
Baseline	Revision 53316 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	53316_20160419_111626
32bits Build #	11.2.5941.2031
64bits Build #	11.2.5941.2025
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP7
Tag Revision #	53319

Philips DICOM Viewer R3.0 L1 SP08

Item	Identification
Delivery Location	\\nlybstqvp4vws96\File_Releases\ICAP\DicomViewer Releases\R3.0-SP08
Product Name	Philips DICOM Viewer R3.0 L1 SP08
Baseline	Revision 54037 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	54037_20160907_201630
32bits Build #	MIP-X86-11.2.6094.2031
64bits Build #	MIP-X64-11.2.6094.2036
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP8
Tag Revision #	54039

Philips DICOM Viewer R3.0 L1 SP09

Item	Identification
Delivery Location	\\130.144.249.130\File_Releases\ICAP\DicomViewer Releases\R3.0-SP09
Product Name	Philips DICOM Viewer R3.0 L1 SP09
Baseline	Revision 54191 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	54191_20161111_115355
32bits Build #	MIP-X86-11.2.6159.1207
64bits Build #	MIP-X64-11.2.6159.1204
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP9
Tag Revision #	54192

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Philips DICOM Viewer R3.0 L1 SP10

Item	Identification
Delivery Location	\\130.144.249.130\File_Releases\ICAP\DicomViewer_Releases\R3.0-SP10
Product Name	Philips DICOM Viewer R3.0 L1 SP10
Baseline	Revision 54319 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	54319_20170109_201633
32bits Build #	MIP-X86-11.2.6218.2034
64bits Build #	MIP-X64-11.2.6218.2036
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP10
Tag Revision #	54324

Philips DICOM Viewer R3.0 L1 SP11

Item	Identification
Delivery Location	\\130.144.249.130\File_Releases\ICAP\DicomViewer_Releases\R3.0-SP11
Product Name	Philips DICOM Viewer R3.0 L1 SP11
Baseline	Revision 54652 of https://svn-01.ta.philips.com/svn/mip/branches/pii-sw112v1-feature-dev
Build	54652_20171010_201642
32bits Build #	MIP-X86-11.2.6492.2030
64bits Build #	MIP-X64-11.2.6492.2026
Source Location	https://svn-01.ta.philips.com/svn/mip/tags/releases/DicomViewer/DV3.0-SP11
Tag Revision #	54653

Section 8 Appendix

The Scope of Philips DICOM Viewer R3.0 L1 SP11 was as follows:

Segment	Defect	Headline	Hazard related	Security related	Status
Dicom Viewer	MIP00156190	DXR-MAMMO: DMC00034144: kv and mAs values not displayed for tomo images in PMsD Viewer.	No	No	Verified
Dicom Viewer	MIP00156099	Add New tags in Dicom Viewer (0008 1050, 0008 0020, 0008 0022, 0008 0021, 0008 0023)	No	No	Verified
Dicom Viewer	MIP00154715	DicomViewer: Annotation line displayed is not smooth, line displyed with dots	No	No	Verified
Dicom Viewer	MIP00153212	DICOMVIEWER : wrong WW/WL (iocc-helpdeskcase 496)	No	No	Verified

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Section 9 Revision History

Revision	Date	Status	Changed by:	Reason/ Description of change. (Insert Technical Review record)
Available on LiveLink	18-July-2018	Available on LiveLink	Jabesh Daniel	Initial Draft
Available on LiveLink	20-July-2018	Available on LiveLink	Jabesh Daniel	Updated the Review comments  TRR Release Bulletin.docx

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UserName: Pramod Hubli (ing03125)
 Title: Project Manager PF1.0 PMO
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