IntelliSpace Portal

Version 12.1.20

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1 About this document

This Customer Release Notes document provides a description of the new applications and features introduced in IntelliSpace Portal V12. In addition, this document provides a list of resolved issues as well as known issues and applicable workarounds.

NOTICE

These Customer Release Notes should not be regarded as a substitute for the Instructions for Use. Before attempting to use the medical software device, you must read the Instructions for Use thoroughly, paying particular attention to all warnings, cautions, and notes it contains.

User documentation

Philips' ISP V12.1.20 is accompanied by the following user documentation, including Instructions for Use (IFU) and reference guide documents:

NOTE

Ensure the Instructions for Use correspond with the software version you are operating.

- ISP V12.1.12 System IFU-China
- ISP V12.1.10 Spectral IFU-China
- ISP V12.1.5 CT Review IFU
- ISP V12.1.6 CT Analysis IFU-China
- ISP V12.1.5 IFU Multimodality Apps
- ISP V12.1.5 IFU MR Apps
- ISP V12.1.5 Zero Footprint Viewer IFU
- ClearRead CT Console IFU
- QLAB V10.8 IFU
- XD 3.6.11-4 IFU
- Caas MR Solutions 5.2.2 for ISP IFU
- ISP NM App Suite IFU
- JETPack Rel 2.6 IFU
- ECTb 4.2 IFU
- NeuroQ V3.8 IFU
- Cedars-Sinai Cardiac Suite V2017 Rev. C IFU
- Corridor4DM V2018-01C IFU
- ISP V12.1.5 System Admin Guide

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- XD 3.6.11 Gestures and Shortcuts
- ISP NM Application Suite Reference Manual
- Corridor4DM v2018 User's Guide
- Corridor4DM v2018 Reporting User's Guide
- ECTb 4.2 Users Guide
- CS QBS Ref. V2017 Rev. D

NOTE

If there is a version number in the document name, it reflects the latest version that specific document was updated.

NOTE

The list of user documentation above covers the full scope of the offered software options, which are subject to licensing and regulatory approval. As such, some of these documents may not be applicable to you according to your software licenses and the regulatory approvals in your territory.

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2 Release description

The IntelliSpace Portal is an advanced visualization platform that offers a single integrated solution, spanning clinical domains and modalities, with the power to visualize, diagnose, and communicate with one consistent, guided and automated workflow.

This continuously evolving solution is tailored to the needs of the physicians and the hospital network, designed for seamless integration with other information systems and offers a wide variety of clinical applications.

IntelliSpace Portal offers the following:

- Tools to assist in diagnosis of multiple clinical questions based on multi-modality imaging with capabilities designed for optimized results sharing between the imager and the treating physician.
- Clinical depth and innovation with comprehensive set of more than 80 clinical applications spanning across clinical domains including oncology, cardiovascular, neurology, pulmonology and others, addressing different clinical needs while focusing on optimizing user experience and efficiency.
- A solution which is tailored for the enterprise needs and can scale up to fit large scale hospitals and integrated delivery networks (IDNs).
- Introduces a single multi-modality and multi-vendor solution which provides a comprehensive single-source view of the patient-related information. ISP allows the patient information to be accessible from anywhere within the organization and also enables maintaining consistent applications, workflow and user preferences.
- A service offering which gives a steady stream of clinical and IT innovation through ongoing software upgrades and updates, allowing to cope with the rapid changes of advanced analysis environment and stay at the forefront of clinical innovation. Clinical training, support on demand and consulting services are offered as part of the end-to-end service offering.
- Helps maximize resources to support productivity through optimized performance, efficient workflows and machine learning capabilities.

IntelliSpace Portal V12 focuses on the following key areas:

- Strengthening clinical depth in Cardio-Vascular domain.
  - Enhancing core vascular, cardiac CT, and cardiac MR applications.
  - Expanding the cardio-vascular portfolio with innovative new capabilities.
- Accelerating of time to results – improving time-saving aspects.
  - Workflow optimization
  - Automation of results
  - System performance enhancements
- Driving Integrated value proposition with Philips scanners to enable comprehensive end-to-end enterprise solution offering.
  - CT spectral advanced visualization (AV) capabilities to support the CT IQON next generation.

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Enhancements based on customer feedback

A host of applications have been updated across the portfolio based on customer feedback.

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3 Main new features and enhancements

This section lists enhancements to the applications in this version of IntelliSpace Portal 12.

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Multimodality applications

- **Advanced Vessel Analysis (AVA)** - Improved vessel identification and bone removal. Even with high contrast, the application avoids removing vessels as bone.

Spectral applications

- **Spectral CT Viewer (sCTV)** - Improved visibility during gout workflows. The Uric Acid preset uses bright green to display the volume of uric acid.

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4 Resolved issues

ISP V12.1.20

System

Application	Issue	Status
System: General	When you logged into IntelliSpace Portal using a Win-11_24H2 PC, the login would fail.	Fixed

MR Applications

Application/s	Issue	Status
MR Liver	After you saved a screenshot of the segmentation, the histogram, or data graph, would vanish from the viewport.	Fixed

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5 Known issues

Note: The known issues detailed in this section that do not have workarounds (N/A) do not pose a safety risk and do not introduce any new potential security or safety hazard concerns.

Any known issues from past releases that were resolved in the current release are moved from this "Known issues" section to the "Resolved issues" section. Known issues from past releases that were already resolved before the current release are deleted altogether. Due to this, the "Known issues" section changes from release to release, and is not a static record of past defects.

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System

Issue	Workaround
In rare circumstances, IntelliSpace Portal does not launch if on the login dialog you selected **Advanced Settings**, and then selected the checkbox **Use TCP Tunneling**, as the client will not connect to the server.	The FSE (Field System Engineer) should check your system settings and then refer to guide D001559879 "ISP Server Software Installation V12.1.20", navigate to the troubleshooting section, and follow the steps listed.

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None.

IntelliSpace Portal V12.1.10

CT Applications

Application	Issue	Workaround
CTV	In **Film**, when saving images using **Print + Save**, the saved images are cropped.	Save images using any of the following methods: • Select an image you want to save, then press **Print**. From the **Print** dialog box, **Save** the image. • Save screenshots. • Save as Key Images.

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System

Application	Issue	Workaround
System: General	While IntelliSpace Portal supports IoT - Customer VPN configurations with the following four features, Application tunneling only works with the Amazon fix of proxy application tunneling, which will be provided separately. 1. Application tunneling 2. RSD 3. Log uploader 4. Device properties	N/A

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MR Applications

Application	Issue	Workaround
MR LoBI	The application sometimes shows errors and crashes when launching the **Comparison** mode of many images if: you select two MR studies from a single patient, open the MR LoBI application, select the first patient series using keyboard shortcut CTRL + K + right-click, select a second series, and then click **Compare image**. After **Compare** mode results generate, and you open new patient data using the patient directory to repeat this **Comparison** mode process multiple times, the error message "Cannot connect to portal serve error" appears.	N/A

CT Applications

Application	Issue	Workaround
CTV	After placing Magic Glass on an image, and then sending the image to **Film**, the Magic Glass moves to another area of the image	N/A

System

Application	Issue	Workaround
Service: IT	If running on a third generation CPU, the RabbitMQ service fails to start.	Contact the Service Engineer.

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System

Application	Issue	Workaround
General	In PDF reports for the strain application, images appear blank.	Refer to the installation release notes to remove the security patch.

Spectral Applications

Spectral Magic Glass (sMG)

Issue	Workaround
On Spectral Magic Glass in the PACS Viewer, when you click **Help** on the upper-right side of the page, an error message appears stating "There seems to be a problem in the application. Would you like to create a Bug Report?"	Refer to the installation release notes to apply the registry patch.

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MR Applications

Application	Issue	Workaround
Caas MR	The following Australian sponsor details were missing from the Caas MR IFU: **Australian Sponsor Details** Philips Electronics Australia Ltd. 65 Epping Road, North Ryde, NSW 2113, Australia	N/A

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Application	Issue	Workaround
DynaCAD	When you use DynaCAD applications in ISP-integrated mode, DICOM data sent from scanners to the ISP database is selectively (rule-based) transferred to the DynaCAD database, which may take several minutes and cause a delay in data availability. Only after this data transfer is complete, the data becomes available for analysis in DynaCAD applications.	When you use DynaLOC applications, send DICOM data from scanners directly to the DynaCAD database, in addition to sending it to the ISP database. For relevant DICOM data, remove rules for transferring data from the ISP database to the DynaCAD database.

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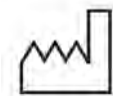
System

Issue	Workaround
The Performance Characteristics section of the System IFU and System Admin incorrectly states that Windows 7 is supported.	On January 14, 2020, Microsoft declared they will no longer provide any technical support, software updates, security updates, or fixes for Windows 7. As a result, Philips stopped supporting Windows 7 clients on Jan 1, 2022.

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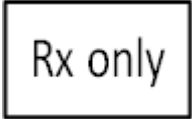# A Appendix

Symbols Glossary

The following symbols may appear in the product documentation or on the labels attached to the product:

Symbol	Symbol Name	Symbol Description	Standard Number & Name	Symbol Reference Number
	Manufacturer	Indicates the name and address of the manufacturer.	EN ISO 15223-1:2021	5.1.1
	Translation Indication	Indicates that the information has undergone a translation which supplements or replaces the original information	Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, section 16.3	NA
	Date of manufacture	Indicates the date when the device was manufactured.	EN ISO 15223-1:2021	5.1.3
LOT	Batch code	Indicates the Software Release/ Version number.	EN ISO 15223-1:2021	5.1.5
REF	Code number	Indicates the manufacturer's catalog number so that the device can be identified.	EN ISO 15223-1:2021	5.1.6

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Symbol	Symbol Name	Symbol Description	Standard Number & Name	Symbol Reference Number
	Consult instructions for use or consult electronic instructions for use	Indicates the need for the user to consult the instructions for use.	EN ISO 15223-1:2021	5.4.3
 eIFU Indicator	eIFU Indicator	Indicates an instruction to consult an electronic instructions for use (eIFU). The "consult instructions for use" symbol is accompanied by an eIFU indicator. This indicator may represent the manufacturer's eIFU website or any other appropriate indication on the use of eIFU (e.g. "IFU Kit").		
	Warning/Caution/Notice Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences	**WARNINGS** are directions which if not followed could cause moderate to serious injury to an operator, patient or any other person, or could lead to a misinterpretation and/or loss or damage of patient-related data.. **CAUTIONS** are directions which if not followed could cause damage to the product described in this Instructions for Use and/or any other device. **NOTICES** highlight unusual points as an aid to an operator.	EN ISO 15223-1:2021	5.4.4
Rx only	Prescription Device	Caution: In the United States, federal law restricts this device to sale by or on the order of a licensed healthcare practitioner.	21 CFR 801.109(b) (1) Prescription Devices	
MD	Medical Device Indication	An indication that the device is a medical device.	Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices	

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Symbol	Symbol Name	Symbol Description	Standard Number & Name	Symbol Reference Number
UDI	UDI symbol	This symbol is used on the device label next to the UDI human readable indication (HRI) string.	Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices	
	Importer	The symbol will be followed by the medical device importer contact details: name and address.	Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices, Article 13 (3)	
CH REP	Authorized Representative in Switzerland	Indicates the authorized representative in Switzerland.	Not Applicable	

Glossary References: 1 EN ISO 15223-1:2021 Medical devices - Symbols to be used with medical devices labels, labeling, and information to be supplied - Part 1: General requirements.

EU rep for the Mirada XD 3.6.11-4 IFU

The authorized EU representative for the Mirada XD 3.6.11-4 IFU is as follows:

EC REP Emergo Europe B.V., Westervoortsedijk 60 6827 AT Arnhem, The Netherlands

Hardware

The IntelliSpace Portal server supports the following hardware models:

- DL360 / ML350 Gen11, 1x Xeon 6426Y CPU
- Dell T640 1x Xeon 6226R CPU

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