



**PHILIPS**

**Forcare**

forConnect



# Simply connecting care

## **Quick and easy exchange of clinical information**

Philips Forcare forConnect provides hospitals and other healthcare practices with a quick and easy answer to enabling existing clinical information systems to be part of a Health Information Exchange network based on IHE – Integrating the Healthcare Enterprise. By allowing existing systems to participate in IHE-XDS – based networks, forConnect opens the door to publishing, viewing and retrieving patient information from the network.

## **Simple access to images of referred patients**

In addition to clinical documents, any DICOM image generated by or stored in a PACS can be accessed via the web by using the WADO standard (Web – Access to DICOM Objects), which provides JPEG or Flash video access to these images. Furthermore, the import of external images and reports is made easy by forConnect, offering flexible configuration and, if needed, the interface to a DICOM Modality Worklist in order to reconcile imported data with local patient information.

## **Enhancing your workflow**

At any point, forConnect can automatically publish your images or clinical documents, supporting your work processes. For instance issuing a radiology report can trigger the publication of related DICOM images without the need for any manual intervention – saving you valuable time and supporting your existing healthcare processes and workflows. Similarly forConnect can create and publish clinical documents based on result messages sent by your Lab, HIS or any other clinical information system. By interfacing with document scanners, forConnect can also enable the publication of scanned paper documents.



### Information for clinicians

#### Effectively extend your clinical care network

As a busy clinician you want to be able to access all the relevant information of a patient whether it comes from your own in-house clinical information system or whether a colleague located elsewhere has sent it to you. Often expensive upgrades to systems and the impact on your time as you become accustomed to new workflow processes makes implementing a Health Information Exchange complex and time consuming. ForConnect provides you with the perfect solution to extending your clinical care network, dealing with the complexities for you and saving you time.

ForConnect enables the connection of multiple clinical information systems for the purpose of extending the network of care available to the patient. In so doing clinical pathways are streamlined, providing a range of clinicians access to the most up-to-date patient record including all related images. By simplifying the entire process of participating in Health Information Exchanges, forConnect is the perfect tool to make the efficient exchange of clinical information possible.

ForConnect provides the following benefits to clinicians:

- **Supports clinical workflows** – by allowing fast and easy access to patient data within the Health Information Exchange.
- **Safeguards the privacy of the patient** – by ensuring the secure exchange of uniquely identifiable patient information it saves you the time and trouble reconciling patient data.
- **Gives you more time to look after your patients** – by providing single access to multiple clinical information systems, such as LIS, CIS, RIS and PACS and ensuring they are all connected.

# Technical specifications

Philips Forcare's products are all platform-independent, support scalable deployments and are regularly validated at IHE connectathons. In order to protect patient confidentiality, all information is encrypted and only exchanged with authenticated systems and users. Transactions are recorded using the IHE Audit Trail and Node Authentication (ATNA) profile.

<b>All Philips Forcare products</b>	IHE Compliance & Commitment (For an up to date list please see <a href="http://www.forcare.com/integration-statements">www.forcare.com/integration-statements</a> )	XDS, XDS-I, XDS-MS, XDS-SD, XD*-Lab, XDR, XDW, XCA, XCA-I, ATNA, CT, XUA, EUA, BPPC, PIX (v2/v3), PDQ (v3/v3), DSUB, FHIR (MHD, PIXm, PDQm, ATNA), XCPD, MPQ, RMD <ul style="list-style-type: none"> <li>• Interoperability with XDS components from other vendors possible</li> </ul>
	<b>Security</b>	<ul style="list-style-type: none"> <li>• Secure connections with data encryption</li> <li>• Role-based Access Control (XACML)</li> <li>• Patient consent management</li> </ul>
	<b>Service Oriented Architecture</b>	<ul style="list-style-type: none"> <li>• Designed for scalability</li> <li>• Highly configurable</li> <li>• Virtualisation &amp; Cloud support</li> </ul>
	<b>System Management</b>	<ul style="list-style-type: none"> <li>• Remote, web-based, system management console</li> <li>• E-Mail notifications for critical alerts</li> <li>• Run-time system health statistics</li> <li>• Interfaces monitor</li> <li>• Single click download of system status information</li> </ul>
	<b>Operating Systems &amp; Database</b>	<ul style="list-style-type: none"> <li>• MS Windows Server, Ubuntu Linux Server, IBM AIX</li> <li>• MS SQL, Oracle, PostgreSQL and DB2</li> </ul>
	<b>Web</b>	<ul style="list-style-type: none"> <li>• Apache Tomcat</li> <li>• Internet Explorer, Edge, Chrome and Firefox</li> </ul>
<b>forConnect</b>	<b>Workflow support</b>	<ul style="list-style-type: none"> <li>• HL7 ORU/OJM triggered image registration</li> <li>• Automated patient consent creation</li> <li>• Template based document creation</li> <li>• Patient ID translation at document publication and/or retrieve</li> <li>• DICOM image import reconciliation support</li> </ul>
	<b>Standards support</b>	<ul style="list-style-type: none"> <li>• DICOM C-Echo, C-Store, C-Move, C-Find, WADO</li> <li>• HL7 ORU, ORM, ADT</li> </ul>
	<b>Performance Optimisation</b>	<ul style="list-style-type: none"> <li>• DICOM image/video cache</li> <li>• Streaming image transport</li> <li>• JPEG rendering of uncompressed images</li> </ul>
	<b>Data conversion</b>	<ul style="list-style-type: none"> <li>• Source based conversion templates</li> <li>• DICOM to XDS (vice versa)</li> <li>• HL7 to XDS</li> </ul>
	<b>Integration friendly</b>	<ul style="list-style-type: none"> <li>• Connect to PACS via DICOM</li> <li>• Connect to Clinical Information Systems via HL7</li> <li>• Connect to any IHE-based eMPI</li> </ul>

# Benefits of forConnect

- Facilitates more efficient and higher quality patient care – By creating a network of care, forConnect gives clinicians access to the complete patient record regardless of where in the network the information is stored. This means that time saved in the unnecessary repetition of tests can be spent on caring for the patient.
- Fast & Cost-Effective Implementation – forConnect facilitates easy connection to the Health Information Exchange without expensive upgrades to your existing clinical information system. Its modular nature also means it can be deployed independently or in combination with one of Forcare's other XDS-compliant products.
- Provides continuity of healthcare processes and workflows – forConnect has been designed with the busy healthcare professional in mind, automating as many tasks as possible, freeing up valuable time to concentrate on patient care.

## Why Philips Forcare?

- Solution oriented – whatever your issue, Philips Forcare is focussed on finding a solution. Staffed by experts, our engineers are willing to do whatever it takes to help you.
- Proven, trusted solutions – Philips Forcare has a track record of implementing affordable solutions that are tailor-made to meet the needs of your healthcare network.
- A long-term holistic approach to supporting interoperability – Philips Forcare is committed to Integrating the Healthcare Enterprise. We believe that the key to solving the interoperability challenges lies in a suite of open standardised solutions that take advantage of international developments.

### Partners

Philips Forcare works with a range of partners in the implementation of its solutions worldwide including:

**AGFA**   
HealthCare

**IBM**

**MCKESSON**  
*Empowering Healthcare*





