



# PLUM

a PARATUS Medical Cloud Company



iQ-4CLOUD

MED

# PACS. Portal. Teleradiology.

## Step into the Cloud

Say goodbye to working with expensive, on-premise PACS and explore the benefits that cloud-based PACS have to offer. Medical facilities of all sizes can have some weight lifted off their shoulders by moving their medical images to the cloud and leaving the time-consuming IT tasks up to a professional service provider. This will not only result in significant cost savings, but also help you gain time to focus on what really matters – providing the best possible care for your patients.

If you are at the crossroads of deciding whether to stick with traditional onsite PACS or to opt for a cloud-based PACS solution for your healthcare institution, it is time to discover the advantages of iQ-4CLOUD MED.



### COST-EFFECTIVE

Requires no expensive investment in software and hardware. Our simple and transparent payment plan allows for easy budgeting.



### SCALABLE

iQ-4CLOUD MED can be flexibly tailored to your needs and easily grow along with the requirements of your medical facility.



### SECURE

Ensures secure and HIPAA/GDPR compliant image access anytime and anywhere. Data is available 24/7 including offsite backup.



### EFFORTLESS

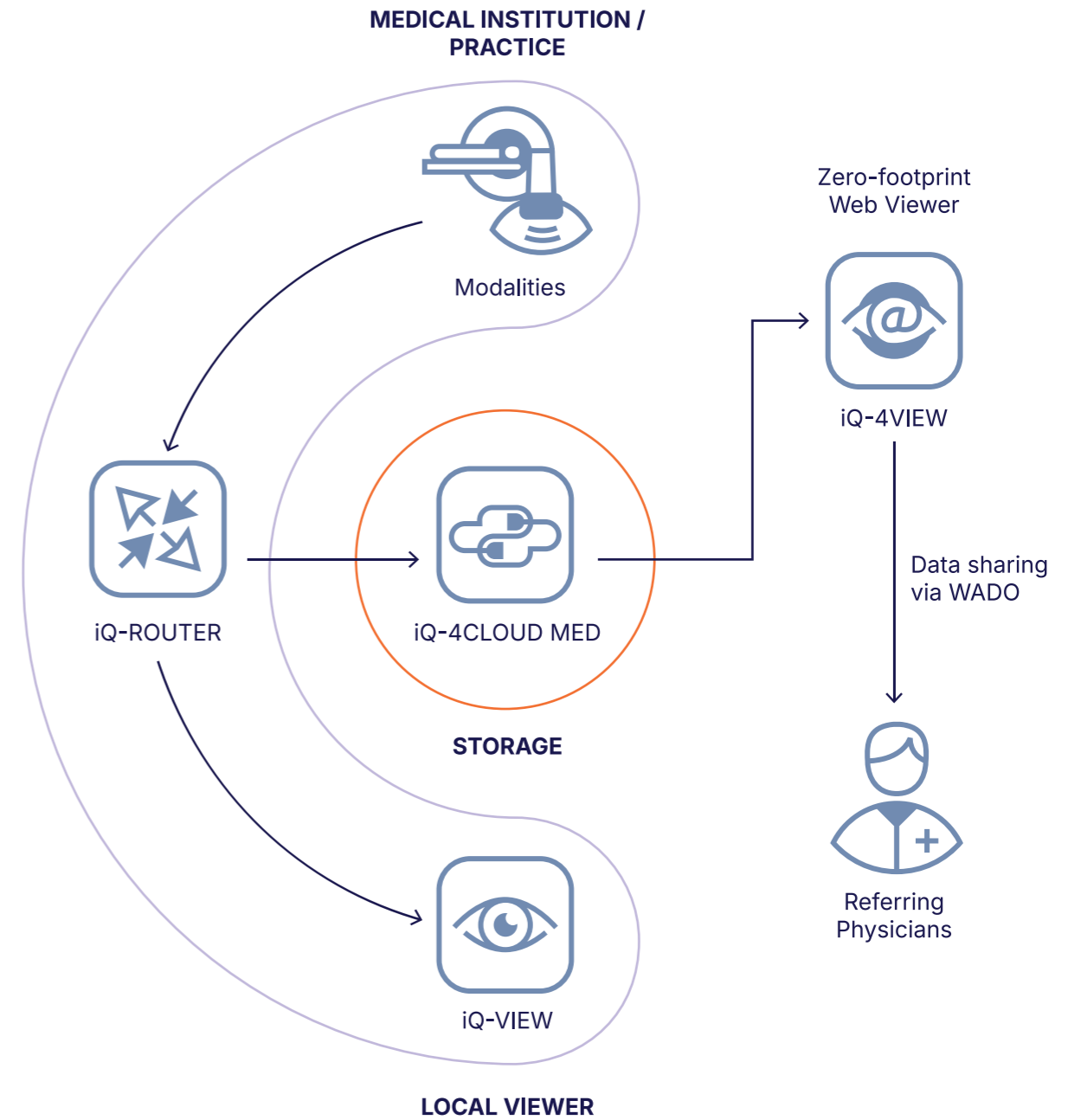
iQ-4CLOUD MED provides freedom from the hassle of IT maintenance reducing costs and responsibilities.



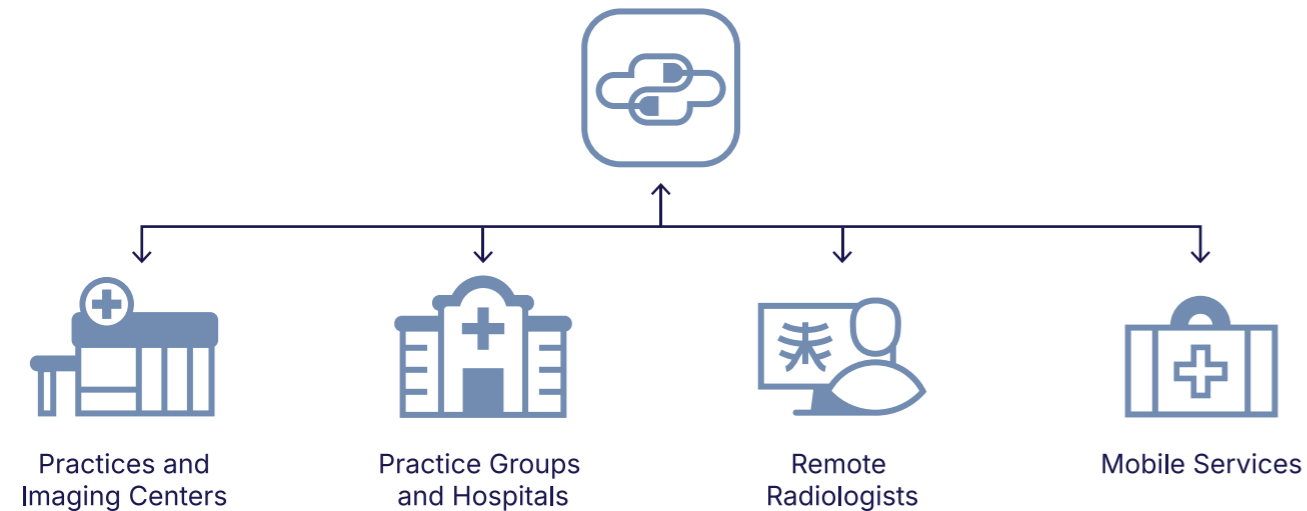
### RELIABLE

Offsite data storage guarantees constant productivity from anywhere.

## Build your Local iQ-4CLOUD MED Set-up



## Use Cases in Human Medicine\*



### PORTAL

Take advantage of the cloud as a web portal for your referring physicians who can access their referred studies and reports in full diagnostic quality and have all required image processing tools at their fingertips. Access can be granted either via QR code, direct login or encrypted web links.

### BACKUP

Rely on iQ-4CLOUD MED as a backup solution for your local PACS to ensure the easy recovery of patient data in case of a disaster.

### PACS

Use the cloud as your central patient data repository and leave the long-term archiving up to this PACS solution to comply with your local data retention periods (e.g. 7 years in the USA or 10 years in Europe). Easily upload any DICOM studies and other medical documents to iQ-4CLOUD MED and enjoy speedy image access with the included diagnostic, zero-footprint viewer from any location and device, be it desktop computers, laptops, tablets or smartphones.

### DATA SHARING

Healthcare groups can conveniently share medical imaging data across their different locations. Authorization-based access makes sure that patient data security is met at all times.

### TELERADIOLOGY

In a teleradiology scenario, imaging centers can send any patient studies to a remote imaging specialist for reading and reporting purposes. iQ-4CLOUD MED enables the radiologists to access their cases from anywhere and anytime – and to return the respective findings just as easily.

! Limitations: iQ-4CLOUD MED must not be used for breast screening, breast hanging and emergency reading.  
\* iQ-4CLOUD consists of CE and FDA approved components belonging to iQ-SYSTEM PACS – a picture archiving and communication system (PACS) for the management, retention, routing, analysis and review of medical images stored in proper DICOM format. iQ-SYSTEM PACS includes the components iQ-WEB, iQ-VIEW, iQ-4VIEW and iQ-ROUTER.

## iQ-4CLOUD MED Options for Data Sharing



### INCLUDED

- **WADO (Web Access to DICOM Objects):** This interface allows to share medical results, imaging studies and reports with patients, referring or external reading physicians, e.g. via QR code, WhatsApp or email.
- Non DICOM data upload
- Data download



### ADDITIONAL\*

- DICOM modality worklist
- 3D MPR
- Forward data to another cloud or PACS
- Query/retrieve data from another cloud or PACS
- HL7
- iQ-SR2PDF CONVERTER (automatically converts structured reports into customized PDFs)
- Others by request

\* At additional cost



# Your Cloud Package Tailored to your Needs

We offer a whole range of iQ-4CLOUD MED packages based on the storage volume of uploaded data. To find the package that best fits your needs, simply estimate your total storage volume required per year and select the respective package. Some typical examples are listed on the next page for orientation.



## WHAT'S INCLUDED?

Hosted services for:

- Web-based PACS server (iQ-WEB)
- Zero-footprint diagnostic viewer (iQ-4VIEW)
- WADO Link for sharing DICOM data via emails, SMS, QR codes, WhatsApp (iQ-WEB WADO)

Client site activation on a local PC/Server:

- Speedy DICOM data transmissions, compression and workflow management (iQ-ROUTER, time-unlimited license)



## OPTIONS

- Add a local viewer (iQ-VIEW) for import, export, printing and CD/DVD burning of medical images and reports
- Integrate your cloud storage with your practice management system (WADO, Worklist)

**GOOD TO KNOW**  
Find answers to the most frequently asked questions here.

iQ-4CLOUD MED packages are valid for one year. In case you exceed your storage volume, you or your reseller will be notified that a new (maybe larger) package is needed. After selecting and acquiring your iQ-4CLOUD MED package, our support specialists will take care of the set-up and provide you with the respective user accounts.

## HOW LONG IS MY DATA HOSTED?

Your data will be stored up to 7/10 years\* in our data center as long as a continuous iQ-4CLOUD MED package is active and in place. If you decide not to renew your iQ-4CLOUD MED package anymore (by informing us 6 weeks prior to the end of your package's validity period), you can retrieve your hosted data at cost within 30 days after your package expired. Afterwards, hosted data will be deleted and cannot be retrieved anymore.

\* 7 years in the United States of America and 10 years in the European Union

## WHAT ABOUT LEGACY STUDIES?

With the new iQ-4CLOUD MED packages, you pay only for the storage you use. It makes no difference whether studies are new or legacy, or when they are uploaded. All data count toward the total storage volume of your selected package, which can be expanded as needed.



## Recommended Packages iQ-4CLOUD MED

### BASED ON TOTAL DATA VOLUME:

• iQ-4CLOUD MED-100	100 GB
• iQ-4CLOUD MED-250	250 GB
• iQ-4CLOUD MED-500	500 GB
• iQ-4CLOUD MED-1000	1 TB
• iQ-4CLOUD MED-2000	2 TB
• iQ-4CLOUD MED-5000	5 TB

### EQUIPMENT/USAGE RECOMMENDATION DESCRIPTION\*

<b>Orthopedic practice with digital x-ray</b>	Up to 20 x-ray studies/day	iQ-4CLOUD MED-100	Sufficient for typical daily usage and archiving
<b>Radiology practice with x-ray + CT/MRI</b>	20-40 x-ray studies/day and/or CT/MRI	iQ-4CLOUD MED-250 or MED-500	Higher storage, more frequent usage
<b>Medical center with multiple specialties</b>	X-ray, ultrasound, MRI, CBCT, etc., high study volume	iQ-4CLOUD MED-1000 or MED-2000	High volume and multiple modalities require more space
<b>Hospital/clinic group</b>	Large datasets, many modalities	iQ-4CLOUD MED-5000	Very high capacity for long-term, high-volume data

\* Study size is not a factor anymore, only study amount.

Example

# Feature Details

## Technical / Cyber Security



### SECURITY MEASURES

- Use of secure programming techniques
- Monthly cyber security checks, including risk analysis
- Continual code analysis as part of our internal development cycle
- Always up-to-date antivirus
- Periodic security patches are automatically applied
- All system access and procedures are logged, as per HIPAA regulations
- Operated by highly-trained, qualified staff



### TECHNICAL PRODUCT ENVIRONMENT\*

- iQ-ROUTER: Windows 11, Server 2019 or Server 2022
- iQ-4VIEW: Web browsers are platform independent, e.g. any newer version of Google Chrome, Firefox, Safari, Edge on Windows, iOS, MacOS, Android systems
- iQ-VIEW: Windows 11



### HARDWARE REQUIREMENTS\*

- iQ-ROUTER: 4 GB RAM, 10 GB free hard disk space for images
- iQ-4VIEW: 2 GB RAM
- iQ-VIEW: 8 GB RAM, 500 GB free hard disk space for images



### INTERNET CONNECTION

- Download min. 1Mbps, >=10Mbps recommended
- Upload min. 1Mbps, >=10Mbps recommended



### DATA RESIDENCY POLICY

- US data remains in the USA; all other non-US data remains in the EU



### COMMUNICATION

- Secure communication with DICOM TLS/SSL authentication using digital certificates
- SSL web server



### PRODUCT PROPERTIES

- Documented interfaces, use of required system applications only, periodic data integrity checks



### STORAGE

- Redundant storage
- Operation in a secured data center in Europe or the United States
- Backup to a location >100 km away

\* See iQ-ROUTER, iQ-4VIEW and iQ-VIEW product specifications for further details.

# Our Company at a Glance

IMAGE Information Systems is an international company group with offices in Germany, USA and India, which offers complete, user friendly and cost-effective medical imaging solutions.

Ten thousands of users all over the world benefit from our state-of-the-art products for PACS, RIS, cloud solutions, 3D processing, and teleradiology. We have pioneered several innovations in the market:

- Our iQ-ROUTER supports very high image data compression for virtually all DICOM formats to enable high-speed teleradiology via any low bandwidth network connection.
- DICOMReader has the highest available read-in rate of patient CD-ROMs, ensuring compatibility with almost all available imaging modalities and vendors.

iQ IMAGE provides the second largest digital imaging user forum on earth, enabling users to share knowledge and best practice. To learn more about us and our products, please visit our [www.iq-image.com](http://www.iq-image.com) website.

Since 2023, iQ IMAGE has been part of the PARATUS Group – a leading decentralized group of companies in the field of healthcare software and IT services. For more information about the group, please visit the [www.paratus-group.com](http://www.paratus-group.com) website.

## Our Solutions for your Imaging Needs



Hospitals



Education & Research



Doctor's Office & Urgent Care



Teleradiology



Imaging Center



Veterinarians



Multisite & VNA



Radiotherapy



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For more information, visit [www.iq-image.com](http://www.iq-image.com).

