

Flexible Patient Media Publishing

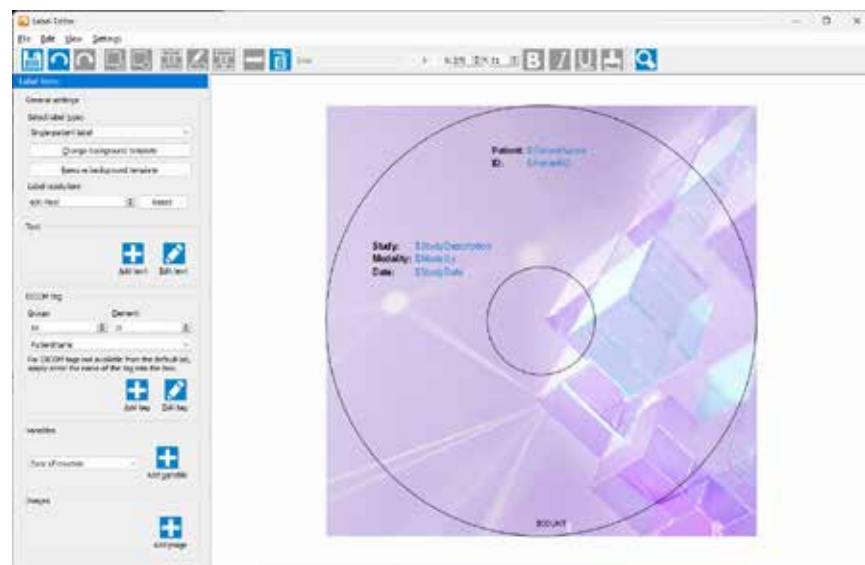
Why iQ-ROBOT?

Designed for healthcare organizations of all sizes, iQ-ROBOT* streamlines the creation and distribution of patient imaging media through automated publishing workflows. Integrated support for Epson® Discproducer® and Primera Disc Publisher™ systems enables efficient media production, labeling, and distribution within a centralized environment.



Imaging data can be received directly from DICOM modalities, PACS, archives, and viewing workstations, allowing studies to be automatically organized and published according to configurable workflow rules. This helps standardize and streamline media publishing operations across departments and locations.

Customizable label templates support institutional branding and consistent media presentation by incorporating patient, study, and organizational information into professionally designed layouts.



Incorporate logos, patient and study information, and other relevant details into standardized label templates that support branding and workflow requirements.

ADAPTABLE TO YOUR WORKFLOW AND INFRASTRUCTURE

Whether you operate a small imaging center, a multi-site healthcare network, or a large hospital environment, iQ-ROBOT adapts to your infrastructure and workflow requirements. Flexible licensing allows organizations to select the functionality that best supports their operational needs.

iQ-ROBOT automates the processing and distribution of patient media across your network. Media projects can be submitted directly from iQ-VIEW or from DICOM-compliant systems, helping streamline media publishing workflows.

The platform also supports automated archive media creation based on configurable schedules, enabling efficient offline archiving and long-term data retention.

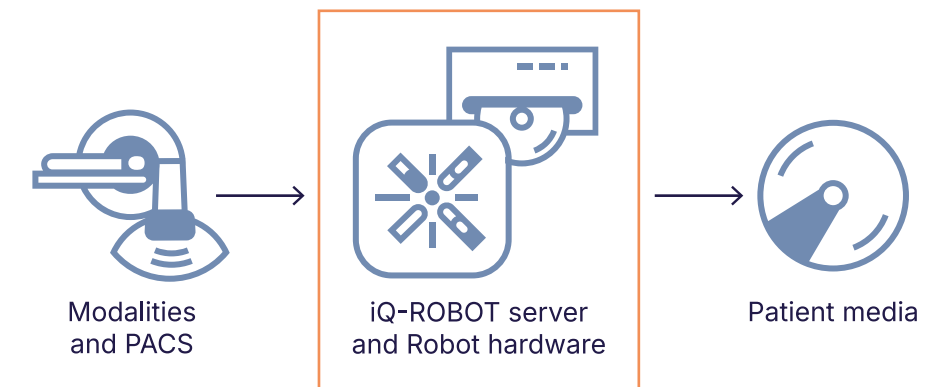
For specialty practices, including orthopedics, chiropractic care, and internal medicine, iQ-ROBOT provides a streamlined extension to existing iQ-VIEW workflows through direct media publishing from iQ-VIEW workstations.

* Please note: iQ-ROBOT must not be sold or used in the United Kingdom.

One Platform for Multiple Workflow Scenarios

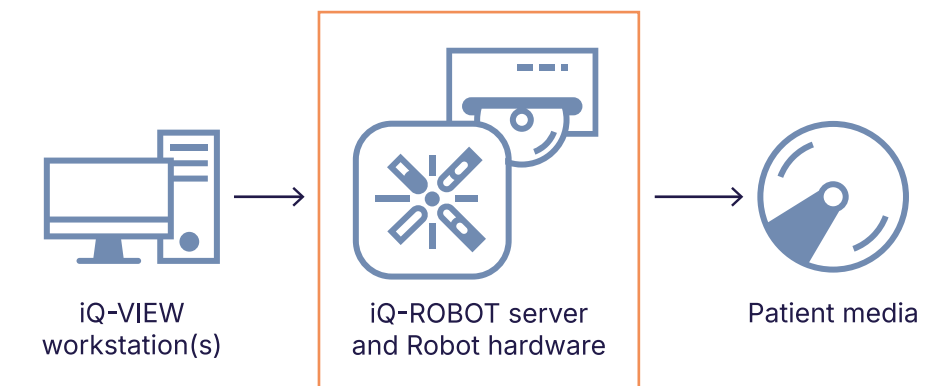
SCENARIO 1:

DICOM-Based Publishing:
Creates patient media directly from DICOM modalities, PACS, archives, and viewing systems using configurable media publishing workflows.



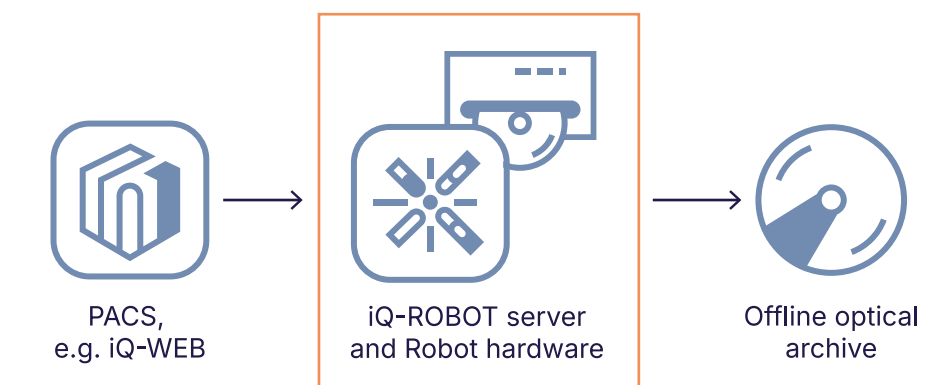
SCENARIO 2:

iQ-VIEW-Based Publishing:
Supports direct media creation from one or multiple iQ-VIEW workstations for efficient patient media production.



SCENARIO 3:

Scheduled Archive Creation:
Automates the creation of offline archive media based on configurable schedules for backup and long-term retention purposes.



Technical Features of iQ-ROBOT



WORKFLOW INTEGRATION

- Receives media publishing jobs from DICOM modalities, PACS, archives, and viewing workstations
- Supports imaging workflows across CT, MRI, ultrasound, endoscopy, digital radiography, and other DICOM-compliant systems
- Receives media projects directly from iQ-VIEW workstations
- Creates media automatically based on configurable patient and study criteria
- Supports media publishing for multiple institutions and healthcare organizations within a single deployment



AUTOMATION AND OPERATIONS

- Runs as a Windows service for unattended operation
- Automatic workload balancing across multiple robotic publishing devices
- Real-time monitoring of device status, media levels, and consumables
- Email notifications for device warnings and operational events
- Automated media publishing and labeling workflows
- Automated backup and archive media creation based on configurable schedules
- Enhanced error reporting with contextual troubleshooting guidance



MEDIA PUBLISHING

- Supports CD-R, CD-RW, DVD±R, DVD±RW, DVD±DL, and BD-R Blu-ray media
- User-defined publishing profiles for automated workflow execution
- Configurable media content selection (patient or study based)
- Configurable media type and number of copies
- Job prioritization for time-sensitive publishing tasks
- Support for integrated iQ-LITE viewer distribution
- Support for IHE PDI-compliant patient media creation



LABEL DESIGN AND CUSTOMIZATION

- Integrated label designer for customized media labeling
- Support for institutional branding, logos, and background graphics
- Dynamic label content based on patient, study, and DICOM metadata
- Intelligent text formatting to optimize label readability
- Country-specific date, time, and patient name formatting



DEVICE COMPATIBILITY

- Simultaneous operation of multiple robotic publishing systems
- Supports Epson Discproducer® and Primera Disc Publisher™ robotic publishing systems
- Supports mixed-vendor deployments within a single environment
- Additional device compatibility information available upon request



INTERNATIONALIZATION

- Supports Latin and non-Latin character sets for patient and study information
- User interface available in English and German
- Additional language localizations can be added as required



LICENSING

- Flexible licensing tailored to operational requirements
- Available as single-workstation or concurrent-use licensing models

