

MEDSTRAT



Medstrat, Inc.
1901 Butterfield Rd #600
Downers Grove, IL 60515

About Medstrat

Medstrat entered orthopedics in 1996 by creating the first PACS designed specifically for orthopedic surgeons. Today, Medstrat continues to dedicate itself to reimagining medical imaging in both orthopedics and image archiving.

With Joints, Medstrat has become the recognized leader in orthopedic software solutions. Joints streamlines private practices, provides critical tools for orthopedic surgeons, and enables collaboration with implant reps. Joints has a vast user-base of orthopedic surgeons with hundreds of PACS installations across the United States and over a billion images archived at its datacenter. Joints is the proven solution for any orthopedic software need.

- 25 years of experience in Orthopedic PACS and Digital Templating
- One in four orthopedic surgeons in the US use Medstrat PACS and Digital Templating on a daily basis
- Over 10,000 daily orthopedic users
- Over a billion images across multiple data centers in the US
- Headquartered just outside Chicago
- Trusted by major health systems such as Northshore, Northern Light Health, Advocate, SSM Health, and many others
- A ZimmerBiomet partner since 2013

About Joints PACS 5.x

Joints PACS 5.x is the next generation in Orthopedic PACS built completely from the ground up. Requiring no software downloads or plugins, Joints 5.x can run on many devices with just an internet connection. Users can now access our full set orthopedic toolset and templating library on a desktop, laptop or mobile device.

Built to connect the needs of orthopedic surgeons, clinical staff and patients. Joints PACS combines our orthopedic-specific measurements, comprehensive implant template library and EMR integration services to assist with delivering the highest quality of care without increasing costs for that care.

Our streamlined interface, intuitive workflow and flexible tools have been designed to give each pod, exam room and OR a consistent and connected experience.

Key Benefits of Joints 5.x

- ~ Web based solution that can be accessed from a desktop, laptop or mobile device
- ~ Enhanced security with stronger encryption and account authentication
- ~ Zero install viewer
- ~ Builtin web based templating (orthopedic templates from all available US implant manufacturers)
- ~ Standard measurement tools (line, angle, circle, horizontal/vertical plumb line, parallel lines and right angle tools)
- ~ Advanced joint measurement tools (leg-length discrepancy, knee and spine tools)
- ~ Bi-direction EMR connectivity and Modality worklist
- ~ Share studies seamlessly and securely over email with patients, partners institutions or implant reps.
- ~ Easily import outside studies using our intuitive Upload page
- ~ Automatically back up studies to our Joints Archive for long term storage and disaster recovery



Feature List

- ~ Anywhere, anytime access (Mac, PC, Tablet or Phone)
- ~ Web based zero-install viewer
- ~ Built in Digital Templating
- ~ Full template library of all US manufactures
- ~ Basic and advanced measurements (line, angle, circle, horizontal/vertical plumb line, parallel lines, right angle, freehand drawing, leg-length discrepancy, HKA and spine labeling tools)
- ~ Built in disaster recovery via Joints Archive
- ~ Share studies via Email
- ~ DICOM and postscript printing
- ~ Traditional CD burning
- ~ DICOM modality worklist
- ~ DICOM forwarding (manual and automated)
- ~ DICOM stitching
- ~ EMR integration (Inbound HL7 SIU, ORM and ADT; Outbound ORU and MDM)
- ~ RESTFul API
- ~ DICOM and plain image importing (support DCM, JPEG, BMP and TIFF formats)
- ~ Patient matching during import (automatically match an existing patient during a CD import)
- ~ Built in study reports
- ~ Built in audit reports
- ~ Data encrypted in-motion and at-rest
- ~ Customizable filters (e.g. 30/60/90 day filters, physician name, modality, location, procedure, etc...)
- ~ Worklist Page (see your past, current and upcoming patients based on HL7 scheduling messages)
- ~ Patient Page (quickly see a patient entire history, past/future appointments all in one place)
- ~ One-Click study history search
- ~ Hanging protocols
- ~ Bookmark Images
- ~ Edge Enhancement
- ~ DICOM and JPEG export utility
- ~ Attachments (attach a pdf, doc, wav, and other file types to a study)
- ~ One click study anonymization
- ~ Split or Marge studies
- ~ Manage users via a web-based admin dialog (configure password expiration, lock unlock users, reset password, auto-lock based on failed login attempts, define session timeout, grant or revoke permissions and access)