

## Meeting your evolving needs

The industry standard in picture archiving, Synapse PACS is seamlessly integrated with all Synapse software. The first web-based picture archiving system continues to raise the bar on image management: Synapse PACS is currently the second-most widely used PACS system in the world.

### **A single data-management system**

Using a single integrated database, Synapse PACS provides web-based access to data from multiple departments and locations, even those using disparate RIS and HIS systems. Scalable implementation allows the same software to serve the needs of an outpatient imaging center with 30,000 exams per year, or a multi-server conglomerate with several million.

### **One, patient-focused worklist**

Within Synapse PACS, CommonView™ consolidates all worklists into a single patient-focused worklist for sites with multiple identification schemes or separate Synapse systems. This powerful tool is ideal for situations where multiple facilities contribute to a patient's imaging exam history; CommonView gives radiologists access to every exam performed on a patient across multiple facilities.

Automatic synchronization of patient lists from the Synapse database:

- Reduces data entry time
- Increases accuracy
- Ensures patient information is secure, up-to-date

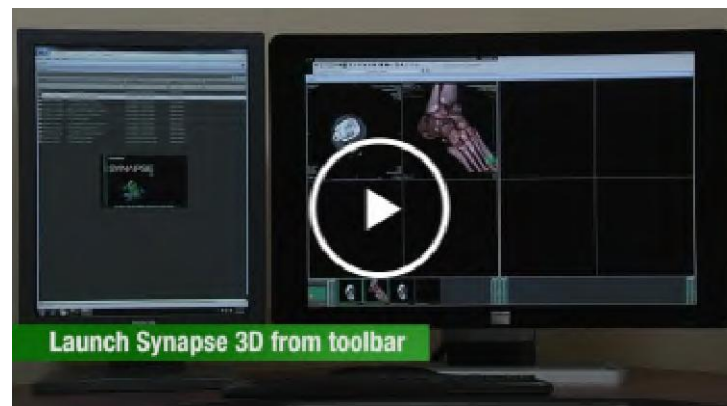
## High quality imaging

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## Seamless integration

The Synapse portfolio of products is fully integrated to offer a truly streamlined user experience. Integration eliminates the need for separate workstations and multiple logons. Access not only MIP/MPR tools, but the full range of Synapse 3D capabilities, without leaving PACS. Synapse Mobility puts Synapse PACS at your fingertips even when you work from your iPad, smartphone or laptop. Integration between Synapse Cardiovascular and Synapse PACS grants cardiologists and clinicians who work with cardiology images access to the same ease-of-use and workflow-boosting benefits.

Synapse PACS Integration with Synapse 3D



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## Robust data security

Powerful data security is built into the architecture of all Synapse products. Not only does the entire Synapse product line meet the highest HIPAA standards, Synapse PACS and Synapse Cardiovascular are DIACAP-certified, having passed rigorous tests established by the U.S. Department of Defense.

Download Data Sheets:

- [Synapse 4.1 Foundation Technologies \(PDF\)](#)
- [Synapse 4.1 Server Modules and Interfaces \(PDF\)](#)
- [Synapse 4.1 Workstation Software \(PDF\)](#)



## Thin-client Technology

All Synapse solutions use full-featured thin-client technology. Thin-client computing makes use of a server to take on most of the data intensive and computational workload, while the terminal or workstation provides a smaller proportion, for example, the user interface.

In the case of Synapse, this has several benefits: maintaining security protocols can be greatly simplified, since most of the security functions run only on the central server. Terminals or workstations don't need to be high-performance computers since they computing functions are performed at the server level. Users customized settings are saved at the server level and are available to the user at any workstation. Thin-client technology makes it more feasible for clinicians to work remotely (as with [teleradiology](#)), and makes it possible to build security into the architecture of the software. Finally, thin client streamlines software updates, as most of the computing is taking place on a single server.

