

## echoes Browser



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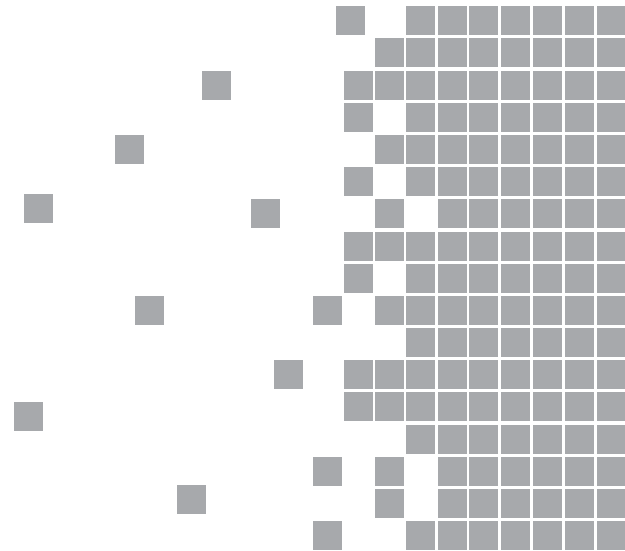
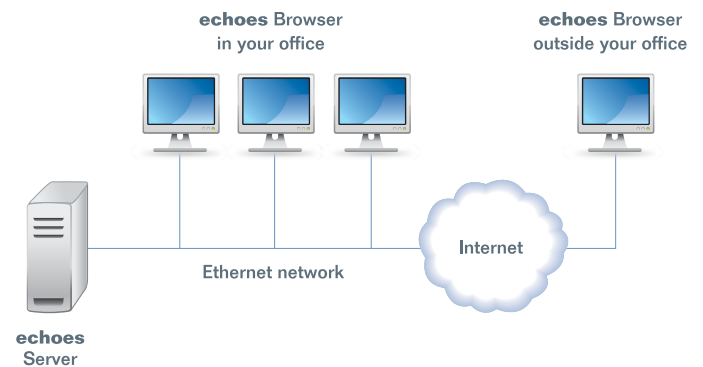
### echoes Browser

The key advantages of the Medstrat PACS system are a result of the unique integration of the **echoes Server** and the **echoes Browser** technology. An easy way to think of the relationship is to think of the **echoes Server** as the hardware behind the Medstrat PACS system and the **echoes Browser** as the software.

The Medstrat PACS system is viewed and used through the **echoes Browser**. The **echoes Server** operates behind the scenes. The **echoes Browser** operates very much like standard web browsers such as Internet Explorer or Firefox. Even though the **echoes Browser** is a web browser “under the hood” to allow for fast, easy, anywhere access, it looks, feels and works just like a standard Windows application. Plus, because it’s really a browser, it can be downloaded and installed anywhere from the Medstrat website just like you would download and install Internet Explorer or Firefox.

### The Advantages of a Browser

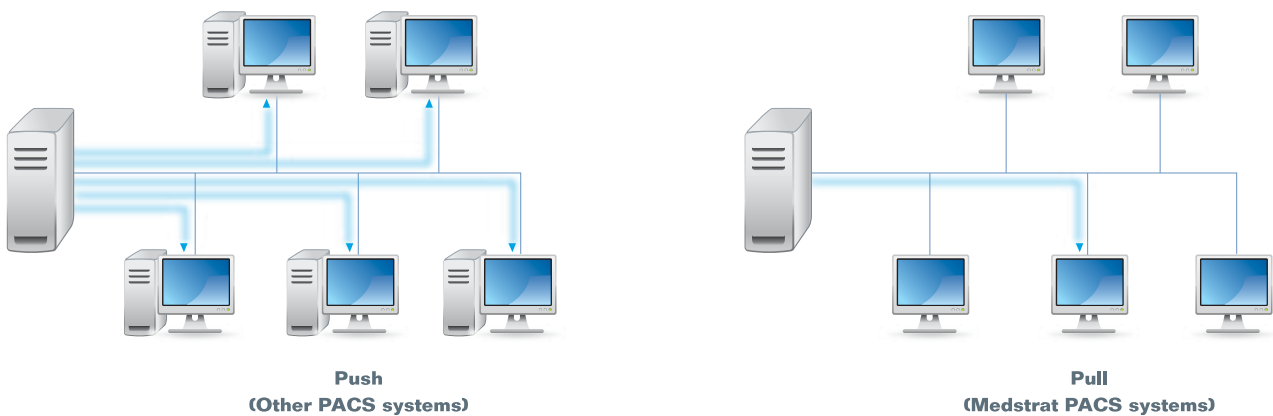
The flexibility and speed of the Medstrat PACS system are a result of the uniqueness of the **echoes Browser** and how it communicates with the **echoes Server**. Inside your office, the **echoes Browser** accesses your patient images over your internal (or local) ethernet network. Outside your office, the **echoes Browser** accesses your patient images over a secure connection through the Internet. Either way, the user experience is identical. No matter where you use the **echoes Browser** you experience fast, simple, easy access to your patient images plus all the pre-operative planning, templating and image tools Medstrat offers.



## Built for Speed

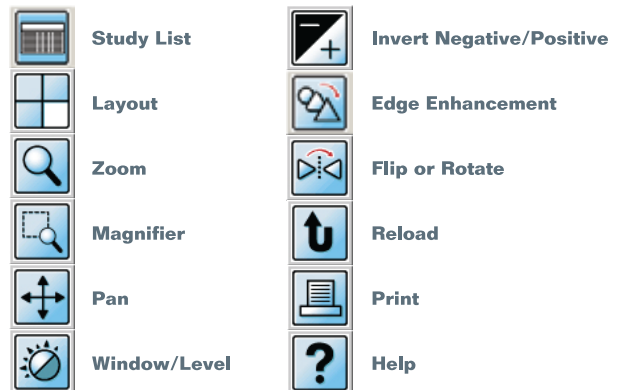
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One of the reasons the Medstrat PACS system is so fast is because of the **echoes** Server and the **echoes** Browser architecture. Patient images have very large file sizes. If a large number of files are being transferred simultaneously over an office network, the entire network will slow down quickly resulting in long wait times for images to load up. In conventional PACS systems, every image is “pushed” from the central server to each and every workstation for viewing. If an office has 8 workstations, that server must send 8 copies of that single image file to every workstation. In contrast, the Medstrat PACS system “pulls” images from the **echoes** Server only when needed, so when an image is viewed, it only travels across the network once. The “pull” architecture greatly reduces network traffic and results in very fast image loading and viewing, both in and outside the office.



## Built for Ease of Use

Customers tell us all the time how easy and simple the **echoes** Browser is to use. That’s because we built the software interface to work the way orthopedic surgeons work everyday. We’ve made it simple to view, sort, organize and annotate patient images. Here are just a few of the key features of the **echoes** Browser user interface:



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