

ASTRA™

INFO SHEET

Candelis's ASTRA is a next-generation cloud service that provides a wide range of robust capabilities designed to complement ImageGrid and Candelis's other software products. Services include:

- Backup/Restore, Archive/Retrieve, and Disaster Recovery (DR)
- Seamless, secure sharing of complete studies
- Automated distribution of study imagery, reports, and key images to referring physicians
- Visualization of reports and key images using ASTRA Lite, a zero foot-print interface, or ASTRA Mobile, an application for iPad and iPhone
- Publication of documents and studies to patient Microsoft HealthVault accounts
- Ability to perform inbound patient scheduling for referring physicians
- Monitoring and reporting on the ImageGrid platform

ASTRA SECURITY

The cornerstone of ASTRA is extremely robust security. Any object shared through ASTRA is heavily encrypted, using a proprietary combination of object-unique symmetric keys, coupled with asymmetric encryption. All communications occurs over SSL. Only the object's original owner and the intended recipient possess the ability to decrypt it.

HIGHLIGHTS

- Cloud services for backup/restore, archive/retrieve, & disaster recovery
- Secure sharing of complete studies
- Automatic sending of studies to referring physicians
- Visualization of studies with zero-footprint ASTRA Lite
- Visualization of studies via iPad and iPhone with ASTRA Mobile app
- Study routing to PACS system with ASTRA Plus
- Image and report sharing via ASTRA Plus
- Diagnostic viewing of studies with ASTRA Plus



SHARING STUDIES

ASTRA allows users to securely share studies with external physicians and remote facilities. Complete studies can be shared in their original DICOM format with other ImageGrid systems or with ASTRA Plus clients. Study imagery and reports can be shared for visualization purposes to users who only need a thin client (ASTRA Lite) or mobile app (ASTRA Mobile). Users can also publish studies directly to patient Microsoft HealthVault accounts. Any file can also be securely shared with ASTRA Plus.

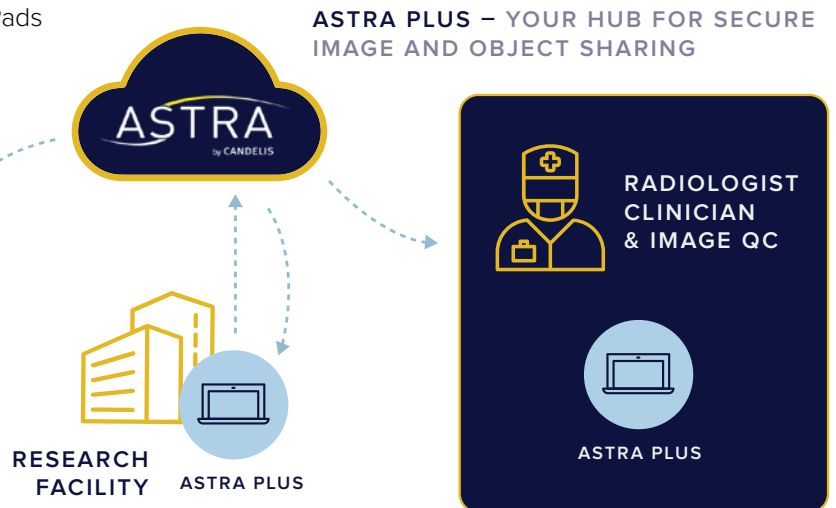
ASTRA Lite / ASTRA Mobile

ASTRA Lite is a zero-footprint browser-based web interface that enables the visualization of studies and reports stored in the ASTRA Cloud. Secure access to ASTRA is provided from anywhere via popular browsers, including Chrome, Internet Explorer, Firefox, and Safari. With ASTRA Lite's powerful features and tools, referring physicians can precisely examine studies and annotate findings.

ASTRA Lite can be accessed from any workstation or desktop for users with an ASTRA Cloud account. Studies and reports are securely hosted on ASTRA Cloud and can be retrieved instantaneously, without the wait time normally associated with downloading large-sized studies. Referring physicians can view and annotate studies without having to download large medical files to a local server or hardware.

ASTRA Mobile provides visualization capabilities for data stored in the ASTRA Cloud from IOS devices, such as iPads and iPhones. Referring physicians will be able to review studies and reports away from the office through the ASTRA Mobile application.

ASTRA Lite and ASTRA Mobile support a visualization of complete multi-modality studies, including tomosynthesis. Study reports, including key images, can be viewed or downloaded and saved as PDFs.



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