

## SOLUTION

# Urology

Urology deals with diseases of the male and female urinary tract (including kidneys and bladder) and the male reproductive system. Since health problems in these body parts can happen to everyone and affect both genders in all stages of life, it is vital that urologists have access to the storage and diagnosis of medical images at the most optimum level.



## Overview

As specialists in kidney disease, specifically kidney stone disease, kidney tumors, and urinary obstruction, Urologists utilize imaging quite extensively in their practice. In addition to kidneys, they must look carefully inside organs like the ureters, bladder, and reproductive organs. It is essential to have proper imaging tools to provide a detailed and thorough analysis.

The diagnosis of these diseases need equipment such as ultrasound, CT, and MRI imaging, which may come from varied vendors. The Candelis family of products is perfectly suited to meet the demands of urology imaging with hardware and software solutions covering the entire workflow from image management, storage and distribution to viewing and diagnosis.

*For urology offices looking for a cost-effective PACS for image storage, review, and diagnostic analysis in the market today, ImageGrid streamlines facility workflow and often acts as a robust data router, providing a uniform platform where all the medical images can easily flow between different providers.*

Candelis' state-of-the-art ImageGrid™ PACS and ImageView™ Advanced Reading Workstation allow urologists to provide their diagnostic reading services from anywhere and at anytime. Any Internet-connected reading workstation or a proper laptop can be utilized for diagnostic reading securely and efficiently. In addition, ASTRA™ cloud integration provides cloud storage and a zero-footprint viewer for referring physicians

## Image Viewing

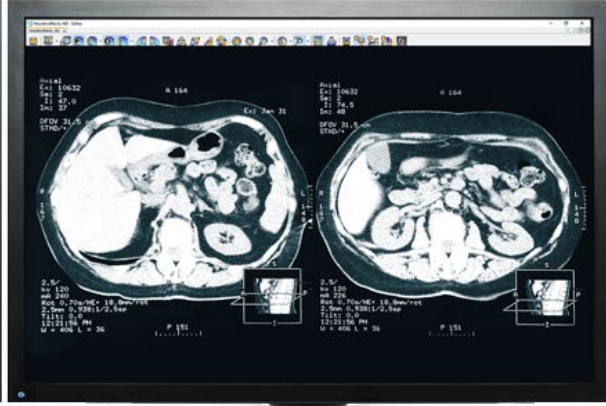
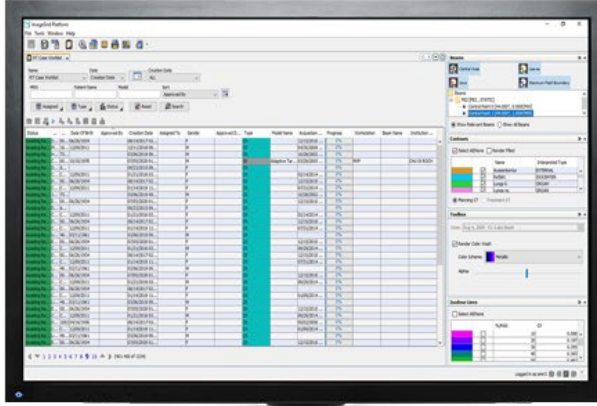
Candelis offers the ImageView suite of visualization applications, integrated with our image management and workflow solutions. Residing on the ImageGrid PACS server, the viewers can be accessed by urologists using local and remote workstations.

### FEATURES INCLUDED:

- Customizable per-modality annotations
- Distance measurements
- Angle measurements
- Pan, rotate, and mirror
- Magnification glass
- Cine tool with adjustable speed
- Multiple concurrent users
- Dictation support with voice attachments

## Urology Imaging PACS Server

ImageGrid is a fully integrated image management and workflow optimized PACS solution, consisting of a suite of sophisticated image archiving, image management, visualization tools, and workflow optimization capabilities closely integrated with state-of-the-art hardware.



## Fully Integrated Workflow

ImageGrid provides everything you need to manage, store, view and archive urology images and allows for integration with existing EHRs, RIS, and other 3rd party systems.

### FEATURES INCLUDE:

- Multi-modality support
- Automated rule-based pre/post-fetching of relevant priors
- Integrated reporting with templates
- Click to burn CDs or export studies to removable storage
- EMR integration
- Scalable storage
- Self-monitoring and automated reporting
- Web-based system administration, dashboard and operator interface
- Archive on-site and in the cloud
- Long-term archive and disaster recovery

## Cloud Storage & PACS

ASTRA by Candelis is a next-generation cloud service designed to complement ImageGrid and Candelis' software solutions with a range of robust capabilities for image back-up, transfer, and viewing.

### FEATURES INCLUDE:

- Seamless, secure sharing of studies
- Automatic offsite back-up
- Robust security using proprietary encryption
- Multiple image and report viewing options
- Hassle-free disaster recovery

