

ImageGrid™

INFO SHEET



Uncompromised Cost-Effective PACS

ImageGrid's feature-rich, reliable, and cost-effective multi-modality PACS solution provides end-to-end support for the entire radiology workflow on a single hardware platform. Patient images can be consolidated into a single repository and fully integrates with existing EMRs or EHRs. ImageGrid provides immediate benefits to customers through lower upfront costs and productivity gains, while drastically reducing ongoing costs associated with IT administration and maintenance contracts.

AVAILABLE FEATURES

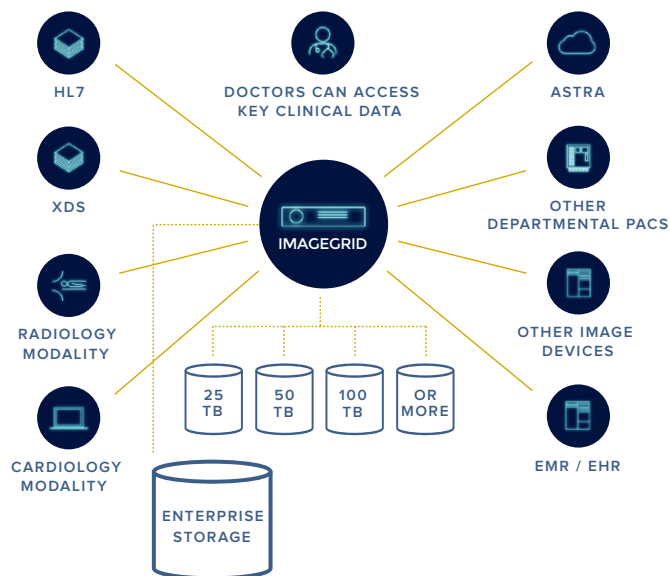
ImageGrid provides the following features:

- Scalable deep archive
- RAID 6 archiving with capacity ranging from 1-100+ TB
- Optimized database with proven ability to handle millions of images
- Flexible backup options:
 - Backup to another ImageGrid system
 - Backup to ASTRA™ Cloud
- Robust DICOM routing engine, providing rule-based automated routing and manual push/pull
- Automated rule-based pre/post-fetching of relevant priors
- Multiple AE titles on system for archive partitioning
- Accepts and manages studies from other vendors
- Patient merge / split / linking capability
- Multi-modality and multi-vendor viewer for diagnostic radiology & mammography
- Tools for referring physicians through ASTRA Cloud
- Reporting and workflow tools
- Ability to integrated with site's current visualization, reporting and workflow systems
- Inbound and outbound HL7 integrations with other vendors
- PIX broker support for Master Patient Index infrastructure
- Registry and repository XDS support
- Extensive Quality Control and anonymization tools
- Self-monitoring and reports on failures automatically
- Web-based system administration, dashboard and operator interface

HIGHLIGHTS

- Image management and workflow optimized PACS solution
- Provide storage directly or mount existing storage pools
- Optimized database with proven ability to handle hundreds of millions of images
- Backup to another ImageGrid system or to the ASTRA cloud
- Powerful routing capabilities
- Proxy service for remote DICOM Query/Retrieve
- DICOM Tag Morphing tools
- Multi-modality Diagnostic Radiology & Mammography
- Easily integrates with 3rd-party systems (RIS/HIS/EMR/PACS)
- ASTRA Cloud integration for archive & back-up for HIPAA compliance
- Quality Control & anonymization tools
- HL7 integration support

CONSOLIDATED REPOSITORY EASY DATA ACCESS AND SHARING



Candelis ImageGrid™ Specifications

System Features

BUILT-IN STORAGE

- Head Unit
- 8-drive RAID 6 disk array
- Expansion Chassis
- 12-drive RAID 6 disk array (can be daisy-chained)

SETUP AND CONFIGURATION

- Comprehensive web-based user interface for system administration

NETWORK CONNECTION

- Quad Gb NIC

OPTIONAL FEATURES

- Web-based Diagnostic Radiology, Mammography Viewers, Radiation Oncology Visualization interfaces
- Web-based RIS, MWL instantiation, Mammo Tracking and Reporting subsystem
- HL7 Support for integration with 3rd party RIS, HIS or EMR
- ASTRA integration for transfer, sharing, report and key image distribution, browser-only study visualization, backup/restore, archive/retrieve and disaster recovery

CPU & MEMORY

- 6-core / 12-thread Intel® Xeon® 2600 v3 family (minimum)
- 15 MB L3 cache (minimum)
- 8 GB DDR4 2133 MT/s (minimum)
- Intel® QuickPath Interconnect (QPI) 8.0 GT/s (minimum) or 9.6 GT/s

WARRANTY

- 1 Year Hardware with Next Business Day on-site (US and in over 100 countries)
- 1 Year Software telephone and e-mail support
- Extended Service program providing both Updates and Upgrades to in-service customers

STORAGE CAPACITIES

- Head Unit: 1.8 TB Raw (0.9 TB Usable) to 43.7 TB Raw (32.7 TB Usable) RAID 6 configurations

Specifications

STORAGE CAPACITIES

- Expansion Chassis: 5.5 TB Raw (3.6 TB Usable) to 87.3 TB Raw (72.8 TB Usable) RAID 6 configurations per chassis
- Expandable to hundreds of terabytes

CHASSIS

- 2U Rack Mountable Head Unit
- 3.44" H x 17.49" W x 26.92" D (in)
- 87.3 H x 444.0 W x 684.0 D (mm)
- Rack Weight: 64.3 lbs (29.2 Kg) maximum configuration
- 3U Rack Mountable Expansion Units
- 3.43" H x 18.98" W x 23.39" D (in)
- 87 H x 482 W x 594 D (mm)
- Rack Weight: 62.6 lbs (28.39 Kg) maximum configuration

POWER

- Power Rating: 100 - 240 VAC, 50 – 60 Hz (input range 90 – 264 V, 47 - 63 Hz)
- Input Current: 10A – 5A at 100 - 240 VAC, 50 - 60 Hz
- Head Wattage: 474 W input, 724.9 W maximum
- Expansion Unit Wattage: 334 W input, 683 W maximum

HEAT DISSIPATION

- Head: 2473.3 BTU/hr. (maximum configuration)
- Expansion: 2330.5 BTU/hr. (maximum configuration)

OPERATING ENVIRONMENT

- 50°F to 95°F (10°C to 35°C)
- 10% to 80% relative humidity with 78.8°F (26°C) maximum dew point (non-condensing)
- Altitude: 10,000 ft (3,050m) maximum
- For altitudes above 3117 ft, maximum operating temperature is de-rated 1°F/547 ft

REGULATORY CERTIFICATIONS

Candelis products have the following certifications:

- Electromagnetic Compatibility (EMC) and Product Safety compliance based on International (IEC and CISPR standards) and applicable national standards
- Compliant with the Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU and REACH regulations
- CE certification through NSAI
- Candelis Inc. is certified to ISO 13485:2016 as well as MDSAP requirements through NSAI"