

Release Notes



Release Version 7.2

MagView Version 7.2

Release Notes

MAGVIEW UPDATE This document includes information about MagView 7.2, and the major changes which have been incorporated since the release of MagView 7.1. This document does not reference each minor change or correction which has been made. However, each change that represents a potential workflow enhancement, radiologist or technologist workflow change, or significant new option is included. New software modules available for purchase to supplement the MagView system are also included in this document.

HOW TO UPDATE

For most sites, we recommend that you contact the MagView support department to schedule a Managed Update. Following are necessary steps that are recommended before any MagView production environment is updated:

1. Review release notes and other appropriate documentation.
2. Confirm and verify that regular back-ups of the MagView system and database, including all sub-folders are being performed.
3. Coordinate with your staff for one to two hours of application and interface downtime.
4. Confirm that workflow tests have been performed in your test MagView system, and that all changes have been reviewed, tested, confirmed, and documented.
5. Confirm with the facility's internal administration that this update has been approved.

**** In the event of an unforeseen complication resulting from this update, an administrator will be notified by MagView staff, and the application will be rolled back to the most recent data backup. No changes will be made after the data back-up is saved.**



MANAGED UPDATE

- There are many benefits to having MagView workflow experts, project managers and technical resources working directly with you and your staff to prepare them for an upgrade to MagView.
- Reviewing new features and options with workflow experts can help you make the best decisions on what changes to make to take full advantage of the features that can add value and efficiency to your current workflow.
- Project management can help organize training sessions that would best suit your workflow based on your needs and personnel.
- MagView technical resources will be available to help you with a fast turnaround for any feature requests that you may need while reviewing new features and options.
- Please contact MagView customer service assistance at 1.800.553.8996 ext. 100 to arrange for a Managed MagView Updated Onsite Plan.

SYSTEM REQUIREMENTS

For full system requirements, please visit MagView.com/hardware.

The following minimum and recommended hardware requirements apply to servers in a LAN environment. Although a dedicated server is always recommended, the use of a peer to peer workstation as the server is not recommended for installations involving 3 or more workstations. Our software is compatible with virtualization solutions such as VMware. There are no known issues running our software with any other virtualization solution.

	Supported	Recommended
Operating System	Windows 2008 Server R2 Windows Server 2012 Windows Server 2012 R2	Windows 2008 Server R2 Windows Server 2012 R2
Processor	Intel 2GHz 4 CPU cores Equivalent AMD	2 x Intel 2GHz 4 CPU cores, or higher Equivalent AMD
Memory	4 GB	8 GB, or more
Storage	40 GB System Drive 40 GB Data Drive See Storage Requirements below for data growth	40 GB System Drive 100+ GB Data Drive See Storage Requirements for data growth
SQL Version (if applicable)	Microsoft SQL Server 2005 Microsoft SQL Server 2008 R2 Microsoft SQL Server 2012 Microsoft SQL Server 2014	Microsoft SQL Server 2008 R2 Microsoft SQL Server 2012 Microsoft SQL Server 2014
Network	100 Mbit	1000 Mbit, or above

PRE-REQUISITES

DATA BACK-UP AND ANTI-VIRUS. We require a back-up device or back-up system for the daily back-up of the system database. The capacity for the back-up system should be sufficient to back-up all data and configuration files. Typically, MagView recommends that you backup the entire directory and all subdirectories as well. Failure to appropriately backup the database may result in unrecoverable data loss.

Developing, implementing, testing and monitoring the backup process is the sole responsibility of the customer. MagView recommends daily incremental as well as full weekly backups. MagView also recommends quarterly testing of the restore process to validate that the data is being properly backed up.

Additionally, anti-virus programs, especially those employing “active scan” technologies, have been known to interfere with or interrupt the workflow of users as they are using MagView. For this reason, MagView recommends that the system directory and all subdirectories be excluded from virus scan routines.

UPTIME MONITORING. MagTAC is our interface and service monitoring system. If MagTAC detects a potential interruption in any monitored service, it will warn the support department while running a diagnostic and recovery program. In the event that MagTAC fails to correct the issue, the warning for support becomes critical and a support specialist is assigned to manually intervene.

General Notes

APPLICATION AREA	VERSION	DESCRIPTION
GENERAL		
1. User Interface	7.2	The MagView user interface has been modified to have a more modern look and feel that will allow users to more easily interact with the application.
2. Automated Printing	7.2	A new user interface has been added to allow administrative users to easily configure and manage MagView automated letter printing.
3. Darkroom Display Mode	7.2	Users can now enable or disable Darkroom Mode for their personal MagView session from the MagView user preferences menu. This mode darkens all elements of the MagView for easy reading in a dark room environment. <input checked="" type="checkbox"/> <i>Default Behavior</i>
4. Window Size and Position Persistence	7.2	MagView will now remember the size and position of the application window, and will open to the same position when re-launching the application. This makes it easier for users having multiple windows open at the same time. <input checked="" type="checkbox"/> <i>Default Behavior</i>
5. MagTAC	7.2	Real-time monitoring of the MagView application, interfaces, and background and maintenance processes. If any potential problem is detected, MagTAC will perform diagnostic tests and issue an alert to the MagView Support department. This allows MagView support to proactively respond to problems and in some cases, prevent problems before they occur. <input checked="" type="checkbox"/> <i>For more information, please contact the MagView Support Department.</i>
6. Enhanced Patient Portal	7.2	MagView Patient Portal has an updated look and feel for easier more intuitive use by patients. <input checked="" type="checkbox"/> <i>Default Behavior</i>
7. Configuration Screens	7.2	User-friendly configuration screens for; film comparison options, report layout, and MagView Patient Portal settings.
8. Nuance and Dragon Medical One Integration	7.1	Users can now make use Dragon Medical One voice recognition directly within MagView to edit reports. <input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i>

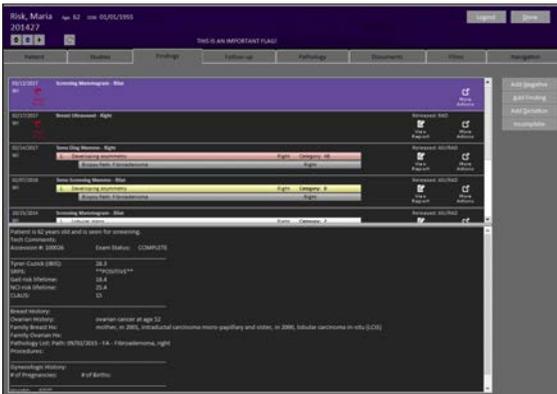
QUALITY ASSURANCE		
9. Learning Worklist	7.1	<p>This feature provides each radiologist with a worklist of their own recent screening and diagnostic positive cases. The radiologist can review these cases as a learning tool to help improve patient outcomes.</p> <p><input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i></p>
PATHOLOGY		
10. Pathology Screen	7.2	<p>The MagView Pathology Screen has been redesigned from the ground up to make input and display of pathology data simple and efficient. Now, the user can see reports and make selections simultaneously (with a pathology system interface, only). Additionally, the fields have been reorganized and grouped for easier navigation.</p> <p><input checked="" type="checkbox"/> <i>Default Behavior</i></p>
11. Pathology Completeness	7.2	<p>The Pathology Screen now includes a feature for “Pathology Completeness”. This will allow users to quickly and easily ascertain the “completeness” of the pathology data entry as it pertains to the requirements of MQSA and other certifications (NCoBC NQMBC, ACR Breast Centers of Excellence, etc.). Simply “check” the programs you want to require, and MagView will automatically identify and require fields that are missing.</p> <p><input checked="" type="checkbox"/> <i>Default Behavior</i></p>
12. Pathology Worklist – Filter by Location	7.2	<p>Users can now filter the Pathology Worklist by location.</p> <p><input checked="" type="checkbox"/> <i>Opt-In</i></p>
RADIOLOGIST REPORTING		
13. M*Modal Fluency Integration	7.2	<p>MagView is now fully integrated with the M*Modal Fluency voice recognition system. This allows Radiologists to use Fluency to dictate findings, BI–RADS, and other reports from within MagView.</p> <p><input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i></p>

RADIOLOGIST REPORTING		
14. MRI Reporting Enhancements	7.2	MRI reporting templates have new features and expanded configurability for BPE, Tissue Density, Kinetics, and report verbiage. <input checked="" type="checkbox"/> <i>Default Behavior</i>
15. More Change in Finding Options	7.2	You are now able to create custom “Change in Findings” selections that are available when a Negative assessment is selected.
16. Quick View Reports	7.2	Reports that have come from outside systems can now be seen using the “Quick View” icon on the “Findings” screen. <input checked="" type="checkbox"/> <i>Default Behavior</i>
17. Clear Reports On-Hold	7.2	It is now easier to clear a report template that has been placed on hold. <input checked="" type="checkbox"/> <i>Default Behavior</i>
18. Reporting Templates – Multiple Biopsy Sites	7.1	Report Templates have been expanded and refined to allow for easier reporting of multiple biopsy sites. This also includes the ability to select no site for the report, and more control over the format of the report. <input checked="" type="checkbox"/> <i>Opt-In</i>
19. PowerScribe 360 Integration	7.1	Users can create structured reports using speech recognition within MagView. Using the PowerScribe 360 Integration, radiologists can choose between two options for creating reports: supplement an already existing report using dictation, or create a full narrative report in PowerScribe 360. <input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i>
SYSTEM REPORTS		
20. CLARITY Reporting v1	7.2	Clarity reporting adds a new user interface, scheduling of reports, more intuitive report descriptions, and search. <input checked="" type="checkbox"/> <i>Default Behavior</i>
SYSTEM REPORTS		
21. NMD 3.0 Submission	7.2	In support of the changes to the National Mammography Database that coincide with the release of the 5 th Edition of the ACR’s BI-RADS Atlas, MagView has been updated to support exporting data to the National Mammography database in the latest format.

SYSTEM REPORTS		
22. Scheduled Report Generation	7.2	Users can now generate reports in the background. Compared to traditional report generation, this saves time by combining processes.
23. EQUIP	7.2	In response to new FDA requirements, MagView has introduced the MagView EQUIP Module. EQUIP can help facilities comply with the new FDA requirements with features such as the Image Review Worklist—allows radiologists to review sample images to indicate corrective action, Corrective Action Worklist—allows technologists to review films selected for corrective action and document the appropriate corrective action, and Compliance Report—allows the lead interpreting physician to report on the image review and corrective action for a date range as required by the EQUIP program. <input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i>
24. PQRS Tools	7.2	PQRS Tools are now integrated within MagView. <input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i>
25. NQNBC Report Enhancements	7.2	MagView has updated queries for the NQNBC reports based on updated requirements published by the NCOBC. For more information, please contact the MagView Support Department. <input checked="" type="checkbox"/> <i>For more information, please contact the MagView Support Department.</i>
26. NAPBC Report Enhancements	7.2	The NAPBC Report includes 2 new measures. The first measure is for axillary sentinel lymph node biopsies for patients with early stage breast cancer. The second is for palpation-guided or image-guided needle biopsies.
27. QA Screening PPV	7.2	PPV and BI-RADS 3 measures are available on screening audit reports.
28. BIRADS Category Text	7.2	BI-RADS category default text has been updated based on recommendations from BI-RADS 5th Edition, these can be changed on the “Advanced System Options” screen.
HARDWARE		
29. TechPad	7.2	MagView TechPad is our new breast center workflow management solution. MagView’s 25 years of experience are leveraged to enable you and your staff to benefit from the best ideas in workflow management from across the country. Breast center managers and staff know how what they do is different; and the MagView TechPad delivers an end-to-end package for department workflow. <input checked="" type="checkbox"/> <i>For more information, please contact your MagView Account Manager.</i>

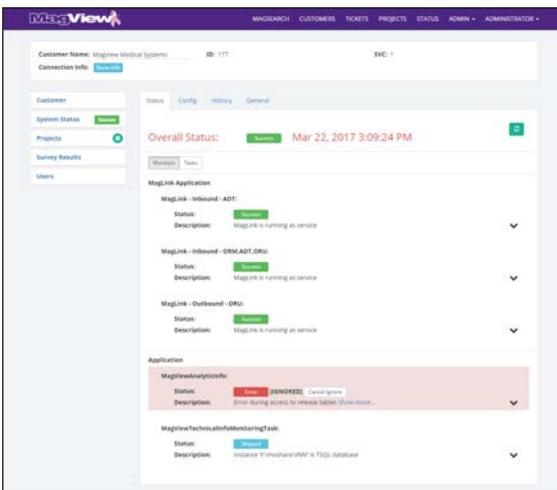
Expanded Notes

3. Darkroom Display Mode



Users can now activate Darkroom Mode directly from the MagView application. This mode darkens all elements of the MagView for easy reading in a dark room environment.

5. MagTAC

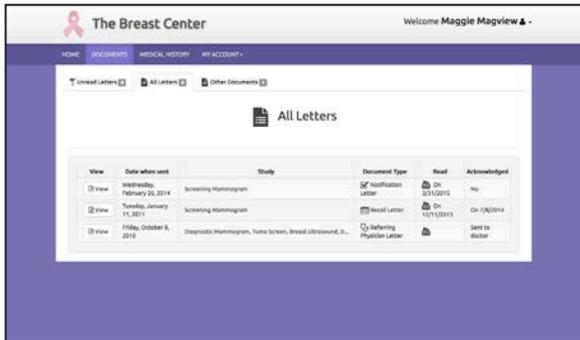


MagTAC is our interface and service monitoring system. If MagTAC detects a potential interruption in any monitored service, it will warn the support department while running a diagnostic and recovery program. In the event that MagTAC fails to correct the issue, the warning for support becomes critical and a support specialist is assigned to manually intervene.

MagTAC is installed and supporting 1000's of users, and allows support to address problems often times in advance to the symptoms being identified by end-users. Implementation of this feature only requires server access to an internet browser and involves no associated system downtime.

- Additionally, MagTAC requires .NET Framework 4.5 (Windows Server 2008 or later) and the ability to access <https://my.magview.com> from the MagView server(s). Any server that meets the minimum MagView requirements can run MagTAC as well given it meets the above.
- MagTAC requires that there be an account with local administrative permissions on all servers that host MagView applications. We most likely already have this, as this is part of the MagView support requirements.

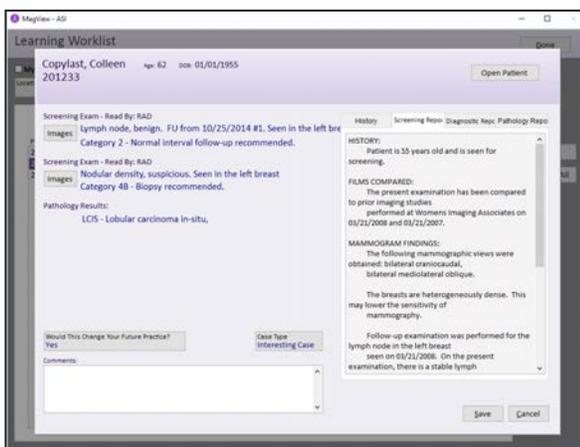
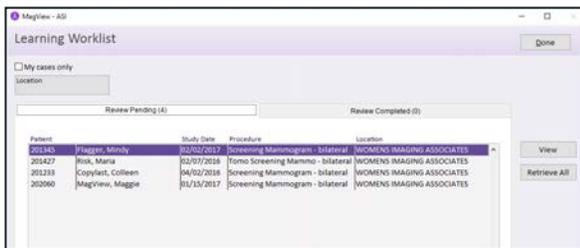
6. Enhanced Patient Portal



MagView’s Patient Results Portal provides a cost-effective alternative to printing and mailing letters to patients. Instead, your patients receive a personalized email from your center with a link to a secure, HIPAA-compliant patient portal on your group’s web site. The MagView Patient Results Portal provides an added layer of legal documentation by logging the date and time when a patient retrieves her letter(s). In addition, the MagView Patient Results Portal automatically generates printed letters after a chosen number of days for any patient who fails to retrieve her results from the Patient Results Portal.

Note: The Enhanced Patient Portal is an optional module. For more information, please contact your MagView Account Manager.

9. Learning Worklist



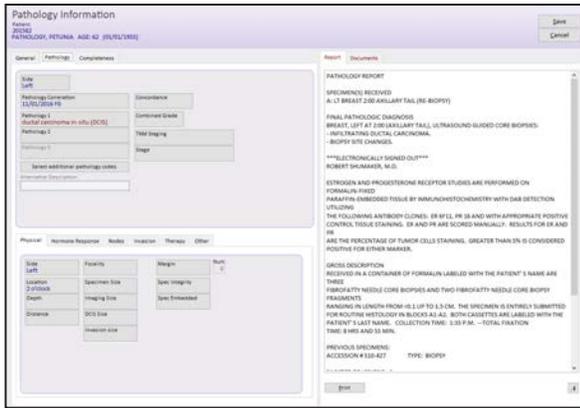
The MagView Learning Worklist feature provides each radiologist with a worklist of their own screening and diagnostic positive cases which have recently been followed-up, and where the outcome is now known based on a diagnostic exam or biopsy result. The radiologist can review the initial imaging and report, then review the subsequent imaging or pathology result to critique the false positive or reinforce the true positive case. The MagView Learning Worklist provides the radiologist with a source of continuous feedback from which they can improve their confidence when calling patients back, or deciding that they do not need to call the patient back.

Benefits Include:

- Improving patient outcomes
- Increasing radiologist confidence
- Allowing radiologists to optionally review other cases from the group (Share feature)
- Allowing radiologists to predict, and then review the outcome (Blind Review feature)
- Optional integration with ACR RadPeer

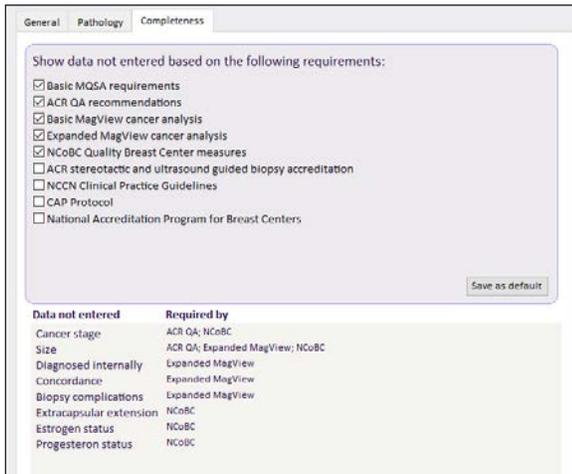
Note: TechPad is an optional module. For more information, please contact your MagView Account Manager.

10. Pathology Screen



The MagView Pathology Screen has been redesigned from the ground up to make the input and display of pathology data simple and efficient. Now, the user can see reports and make selections from within one screen (with a pathology system interface, only). Additionally, the fields have been organized and grouped for easy navigation. The Invasion modifiers have been updated to be consistent with the latest version of the BIRADS Atlas.

11. Pathology Completeness



The Pathology Screen includes a new feature for “Pathology Completeness.” This will allow users to quickly and easily ascertain the “completeness” of the pathology data entry as it pertains to the requirements of MQSA and other certifications (NCoBC NQMBC, ACR Breast Centers of Excellence, etc.). Simply “check” the programs you want to require, and MagView will automatically identify and require fields that are missing for those programs.

20. CLARITY Reporting v1

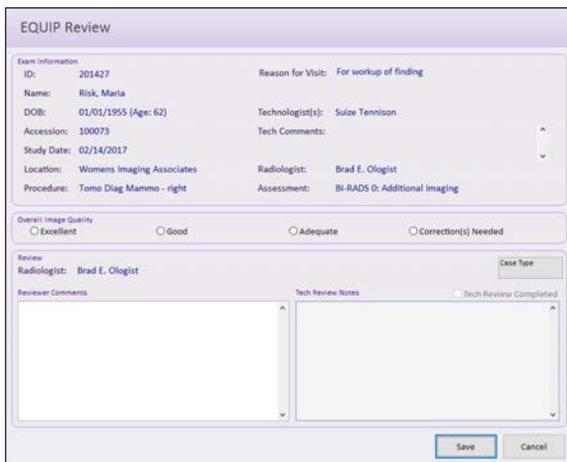


Clarity Reporting is your data, organized in a way that helps you understand it better, and answer the big questions quickly and easily. A leap forward in the system reporting toolset, the Clarity Reporting platform will enable users to more easily get the information they want out of their system.

Benefits Include:

- Easily find the report relevant to your job role
- Flag reports as your “favorites” giving the most important reports to you, front and center
- Search the entire platform for key words and phrases that describe the data each report contains
- Now, every report comes with a full description of the data presented by that report—built right into Clarity Reporting
- Scheduled reports allows you to set up daily, weekly or monthly report routines—scheduled to run at off peak hours—putting the data you need right at your finger tips

23. EQUIP



In response to new FDA requirements, MagView has introduced the MagView EQUIP Module.

Features Include:

- Image Review Worklist—allows radiologists to review sample images to indicate corrective action
- Corrective Action Worklist—allows technologists to review films selected for corrective action and document the appropriate corrective action
- Compliance Report—allows the lead interpreting physician to report on the image review and corrective action for a date range as required by the EQUIP program

Benefits Include:

- An efficient review workflow
- Improved image quality
- Compliance with the FDA EQUIP program
- Saves time for radiologists and technologists
- Includes tools for the Lead Interpreting Physician

Note: EQUIP is an optional module. For more information, please contact your MagView Account Manager.

24. PQRS Tools

The MagView PQRS Module allows you to participate in the CMS Physician Quality Reporting System (PQRS) to avoid reimbursement penalties, and qualify for increased quality tiering payment adjustments.

In most cases, participation in the PQRS can be achieved based on data which is already being captured in MagView. For example, reportable Quality Measures include the following:

- Cancer detection rate
- Recall rate
- Positive predictive value
- Report turnaround time
- Maintaining a reminder system for mammograms
- Inappropriate use of the BI-RADS Category 3 assessment at screening
- Biopsy follow-up results with the patient and referring physician

These and other measures that qualify for the QCDR and PQRS are calculated by MagView, and can be submitted to the appropriate data registries to qualify for participation and quality incentives.

Note: PQRS Tools is an optional module. For more information, please contact your MagView Account Manager.

29. TechPad



Implementation of the MagView TechPad will enhance the patient experience based on several factors:

- Patient perception—Utilization of the MagView TechPad will show the patient that your facility employs leading edge technology tools to provide the best patient care.
- Less patient wait time—The MagView TechPad allows the technologist to spend time directly reviewing patient history with the patient.
- Increased patient engagement—Technologists can show the tablet screen directly to the patient, allowing them to review and verify information directly.

An improved patient experience is likely to result in increased patient volumes and revenue.

Note: TechPad is an optional module. For more information, please contact your MagView Account Manager.