

The Lab's 2017 Checklist

Attention laboratory professionals: If you do not have change management listed as a skill on your social media profile, it is time to add it. Healthcare organizations (HCOs) and laboratories continue to see tremendous change, from advancing technologies that help better manage disease to exponentially evolving information technology. Add in the results of one of the most controversial elections and here we are, starting 2017 wondering how much more change is at hand. What can we expect next? Below are several topics that laboratorians should be aware of to get off to a good start in 2017.

✓ 21st Century Cures Act: Push Precision Medicine Forward

New legislation, the 21st Century Cures Act, is the largest healthcare-focused legislation since the Patient Protection and Affordable Care Act. It provides \$6.3 billion to fund federal agencies intending to speed up the process of FDA approval for diagnostic tools and disease therapies, improve mental health treatment, and address the opioid abuse crisis. It allocates \$4.8 billion to the National Institutes of Health to continue to advance the Precision Medicine Initiative that focuses on personalized medicine; the BRAIN initiative, which is intended to improve treatment of diseases such as Alzheimer's and dementia; and the "Cancer Moonshot," focused on finding new treatments for cancer. The Cures Act also touches on the use and regulation of EHRs and has provisions to facilitate data exchange by setting interoperability standards and requiring free and secure health information technology (HIT) exchange among disparate systems. The IT goal of the Cures Act is to move away from data silos in

healthcare so that patient care is improved and costs are reduced.

✓ PAMA: Declining Lab Reimbursements

Other legislation we have been hearing about the last few years, the Protecting

Access to Medicare Act (PAMA) of 2015, is now looming over laboratories. PAMA requires applicable laboratories to begin reporting their private payer reimbursements in January 2017 so that the future Clinical Laboratory Fee Schedule (CLFS) can be calculated using the weighted median of those private insurance payments. An applicable laboratory is any CLIA laboratory that receives more than 50% of its Medicare revenue from the Physician Fee Schedule or CLFS with annual Medicare payments of more than \$12,500, calculated at the National Provider Identifier (NPI) level.

Even if your lab does not qualify as applicable for reporting to PAMA, the new pricing will affect your lab.

The new CLFS will go into effect January 1, 2018, and there will be only one nationwide fee schedule. CMS estimates a \$390 million reduction in FY2018 payments because it believes that private payer rates are approximately 20% lower than Medicare. Over the next 10 years, CMS is predicting cost savings (translation=lab reimbursement reductions) of nearly \$5 billion. Even if your lab does not qualify as applicable for reporting, this new pricing will affect your lab. Therefore, it would be prudent to plan and budget accordingly for the next few years based on reduced reimbursements.

✓ Utilization Management: Demonstrating Lab Value

As laboratories shift from profit centers to valuable cost centers, their value proposition changes. One of the best ways to demonstrate laboratory value in a value-based healthcare system is to monitor and direct proper test utilization. Savvy laboratories are involved in test utilization committees and initiatives to reduce waste and promote preventive testing so that patients receive the tests that are most beneficial.

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✓ **Meaningful Use → ACI: Provider Reimbursements**

The EHR Incentive Program (Meaningful Use [MU]) is transitioning to the Advancing Care Initiative (ACI) as part of Medicare's Quality Payment Program (QPP), which was finalized in October 2016. QPP is a part of the Medicare Access and CHIP Reauthorization Act of 2015 (MACRA). MACRA repealed the Sustainable Growth Rate (SGR) formula that was used to determine Medicare reimbursements for physicians and replaced it with the QPP framework, changing the way physicians are paid. The QPP is a driving force for interoperability and a bigger push away from fee-for-service (FFS) to value-based payment models. The program defines how providers will be reimbursed for quality and gives providers two options: the Merit-based Incentive Payment System (MIPS) or the Advanced Alternative Payment Models (APMs). Only those already well into value-based reimbursements will qualify for APMs, so the majority will fall under MIPS.

Whether you are a hospital that falls under MU or a provider under MACRA, beginning in 2018, you must be utilizing software certified to standards specified in the ONC 2015 Edition.

Providers will now contend with the ACI criteria in place of MU. However, whether you are a hospital that still falls under MU or a provider under MACRA, beginning in 2018, you must be utilizing software certified to standards specified in the ONC 2015 Edition. The LIS is only required to be certified if you are using it to meet one of the MU/ACI criteria. In 2017, you may use software certified to the 2014 edition, the 2015 edition, or a combination of both. Orchard Software will begin the certification process for Orchard® Harvest™ LIS v10 and v11 in January 2017, and expects to be certified well in advance of the 2018 requirement. It also plans to begin the certification process for Orchard® Sequoia™ beginning in late summer/early fall 2017.

✓ **v11 upgrade: Get the Best Performance from Your LIS**

As always, we recommend you stay up to date on the latest software versions to get the best performance from your Orchard products. In October, Orchard released its latest version of Harvest LIS and Orchard® Pathology, version 11. More than 100 feature requests were included within this release, including updated visual graphics to make use more intuitive. Updates to order entry rules include options to fax and email invoices and requisitions, as well as new options to find and replace CPT

codes to expedite proper billing. Additionally, improvements were made to the sample tracking feature, such as additional filtering and bar code scanning options. Your LIS is a valuable tool that can help your lab increase productivity and efficiency. To maximize its use, it is wise to stay up to date on the latest software versions. Visit the Orchard Resource Center for more information on updating.

✓ **eDOS: Interoperability Advances**

Another topic to be aware of in regards to the future of the lab and its interoperability within the healthcare system is the electronic Directory of Service (eDOS), which is part of the Laboratory Test Compendium Framework developed by Health Level Seven International (HL7). eDOS is a health IT standard for ordering laboratory tests and services that enables both EHR interoperability and potential cost savings. eDOS can eliminate manual loading of lab test eDOS by allowing EHRs to directly import a lab's test compendium information.

✓ **Lab Value: Use HIT to Improve Patient Care**

At Orchard, we recognize the value the laboratory contributes to the healthcare system as well as the pressure laboratories are faced with because of the continually changing environment. Change is constant, and we face some uncertainty as to what changes will take place in healthcare as a result of the 2016 election. However, if we all continue to work together to make improvements in our healthcare system, use HIT to support improvements, and focus on patient care and efficiency of spending, we will be on a fruitful track. Orchard continues to be your diagnostics information system partner, focused on the needs of the laboratory. We are here to help you prepare for change and face 2017 ready to succeed.

✓ **Informative White Papers: Available for Download**

Orchard is committed to keeping you informed and being a trusted resource that you can turn to for industry-related education. As part of our ongoing efforts to support the laboratory community, we offer an informative white paper series chock-full of the latest lab-related information you need to stay successful. Download Orchard's white papers at www.orchardsoft.com/whitepapers. 🍏

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View the newsletter online at: www.orchardsoft.com/newsletters.

Orchard's POC Collection Tool for Bedside Specimen Collection

For patient bedside specimen collection, Orchard Software offers Orchard® Collect, a point-of-care (POC) collection tool that combines use of a tablet, bar code scanner, and wireless printer to organize and confirm accurate laboratory specimen collection. The solution offers a comprehensive, interactive collection list, including container requirements and pertinent patient information, as well as advanced patient ID safety features to increase efficiency and accuracy.



Orchard Collect integrates to Orchard® Harvest™ LIS or Orchard® Copia® to expertly handle tasks associated with bedside sample collection: bar code scanning, label printing, positive patient ID, order entry questions, and submission of completed collections—simultaneously improving patient safety and procedural accuracy.

Improves Patient Safety & Reduces Errors

Successful positive patient identification is verified by a visual indicator and can be performed by several methods, including scanning a wristband, entering patient information (i.e., name and DOB), or displaying a patient picture. The Orchard Collect system streamlines the process of proper patient ID and decreases the opportunity for patient ID errors.

The Orchard Collect platform allows bedside access to patient collection lists, including appropriate draw order and images of collection containers, to assist the phlebotomist in proper collection procedures. The collection list displays the patients, their location, and collection priority. Additionally, both the quantity of each tube or container required for selected patients and a summary of all containers needed to complete the list are available. The collection solution includes wireless printer functionality to allow printing of labels right at the bedside. Scanner functionality allows scanning of tube labels or wristbands to take the user directly into the correct patient file.

Phlebotomy Workstation on Wheels

The option to store data locally and synchronize at a later time enables use of the application without connectivity to a host server (for example, in use with mobile phlebotomy.) If a connection is available, data transmits in a real-time sequence and updates any changes to the collection list. The LIS then indicates when specimens have been collected. The small-footprint, self-contained application allows for easy field deployment and updates. The design uses a tablet in conjunction with a Bluetooth-enabled label printer and small scanner/bar code reader for bedside label printing. Phlebotomists can employ a “workstation on wheels” or fit all the components neatly and conveniently into a tote bag.

Top Value Drivers of Orchard Collect:

- Perform positive patient ID using several verification methods
- Support adherence to correct collection procedures
- Reduce specimen labeling errors via bedside label printing
- Increase efficiency and reduce errors using container images and collection order 🍎



Orchard Collect is used at the patient bedside to organize phlebotomy tasks, reduce errors, and improve patient safety.

The Right Rules Reduce Frustration & Save Time

As many laboratorians are aware, an order that is incorrectly entered in the LIS has a major impact on every phase of processing that follows. These problems can include incorrect or inadequate sample collection, incorrect tests being performed, compromised analytical performance, and errors in reporting and billing.

Autoverification Improves Lab Productivity

Did you know you can improve productivity by using auto-verification of normal results, freeing up valuable tech time and allowing you to increase productivity without adding FTEs? Depending on your lab menu and patient population, 40% to 80% of results may qualify for auto-verification.

Rules are Valuable Throughout the Entire Testing Process

Orchard Harvest LIS' advanced configurable rules improve workflow efficiency and error-proofing by aiding in decision making throughout the total testing process. This ensures the consistent execution of procedures and increases the productivity of your laboratory. Use rules to promote accurate processing of orders, enhance test utilization, develop advanced testing algorithms, auto-verify normal results, automate QC, and streamline billing processes.

The Right Rules Improve Patient Care

Orchard Software's decision support rules allow users to work closely with ordering providers to eliminate obsolete testing, avoid unnecessary test combinations, and eliminate non-value added tests, contributing to overall improvements in the quality of patient care. Cross-panel rules allow rule conditions to be based on results from multiple tests within a panel or order, supporting testing cascades that promote the most efficient testing sequences for providers and their patients. This ensures that only necessary testing is performed, eliminating waste and saving healthcare dollars.

The Rules Tables

- **Rules – CPT Codes:** These rules allow administrators to configure Harvest LIS to replace an order choice's CPT codes with one or more new CPT codes, or to append codes/modifiers to the end of the order choice's original CPT codes.
- **Rules – Label Printing:** These rules allow administrators to direct label printing to print labels to a specified label printer under certain conditions.

- **Rules – Micro Thresholds:** These rules allow administrators to establish micro threshold rules for use when filling manual sensitivities.
- **Rules – Order Entry:** These rules allow administrators to create rules that apply to ordering. For example, rules can be used to display a message to the user, add or remove order choices, prevent an order from being saved, not require ICD code entry, create a form letter, change billing status, change testing location, and change initial status.
- **Rules – Patient Match:** These rules allow administrators to work with Orchard Software Technical Support personnel to create one or more exact or potential rules to be used when you import patient records during an HL7 or demographics import, or when you enter new patients in the New Patient window.
- **Rules – Result Approval:** These rules allow administrators to create rules that apply to result approval. For example, rules can be used to prevent manual approval, require a comment before approving, reflex order choices upon approval, require fields for approval, and send custom text messages.
- **Rules – Result Delivery:** These rules allow administrators to create one or more rules that are used to select the printer, email address, or fax destination to which a report is sent.
- **Rules – Result Evaluation:** These rules allow administrators to create test rules and assign them to order choices. Rules can be used to screen for abnormal results, results flagged by an instrument, results that may have special handling required depending on the ordering location or provider, or even results that require special handling based on a particular patient. They can also be used to suppress or unsuppress test results, prevent auto-approval of results, or reflex order choices.
- **Rules – Send to Host:** These rules allow administrators to configure rules that override the "Release billing records" and "Release results" settings from the Interfacing tab on the Preferences window.
- **Rules – Split Order:** These rules allow administrators to configure Harvest LIS to automatically split orders during order entry based on the specimen type, storage temperature, testing location, tube/container type, order location, billing status, order choice, order choice priority, draw location, or order choice type (microbiology, hematology, etc.) of the order choices in the order.

- **Rules Scheduler:** These rules allow administrators to create schedules for result evaluation rules. This is especially helpful for automating preliminary and final reporting of negative blood cultures.
- **QC Rules:** In Review Quality Control, there is an option to use rules to prevent patient result approval based on QC status.

Updates to Rules in v11

Approximately 30 requests for modifications associated with rules are addressed in the December release of Harvest LIS v11. Highlights include:

- Order entry rules can be set with an action to send emails to providers and send faxes to locations for invoices.
- Order entry rules can be set to send emails to providers and send faxes to locations for requisitions. All rules engines can group rules of the same type. This allows for easier sorting and grouping of rules.

Several conditions have been added to numerous rule types, giving Harvest LIS even greater power, variety, and flexibility in configuration:

- Added conditions for the patient's last order date and time to the "Compare Dates/Times" dialog box for order entry rules.
- Added the patient's age as a result approval rules condition.
- The age condition for result evaluation, order entry, and result approval rules takes into account the time of birth when calculating the age if the [General]InfantAgeInHours ACO is set.
- Added four options for test condition comparison values to result evaluation rules: "Is abnormal low," "Is abnormal high," "Is critical low," and "Is critical high." They can apply to patient results and/or QC results.
- Added the ability to compare an origin against multiple origins for a single condition in result evaluation rules.

- Added a "Waived Test" checkbox to the Order Choice table and added a waived test condition to result approval rules.
- Added and ACO to trigger a result evaluation rule when a microbiology report is added.

The Power of Rules

Many scenarios can be accommodated with rules:

- Use order entry rules to eliminate the possibility of duplicate testing, or consolidate ordering of unbundled tests into appropriate order choices.
- Use order entry rules to correct the improper use of priority (e.g., a STAT bacterial culture) or to ensure that testing sent to a reference laboratory has the correct billing status or is displayed in the correct order choice status on the Review Results window or the Work in Progress window.
- Use result evaluation rules to facilitate workflow, order reflex testing, or even result a test based upon the result of another.
- Use result approval rules to prevent inappropriate result approval or to perform specific actions upon result approval.
- Use QC rules to prevent patient results from going out the door before QC has been ordered and approved, increasing compliance and quality.

Advanced User Training: An Opportunity to Learn About Effective Rule Use

Orchard's extensive rules-based decision-making technology takes the advanced logic of "if-then" programming statements and puts them at your fingertips in our easy-to-use graphical user interface. If you'd like to learn more about the extensive customization that rules can afford your laboratory, contact your Account Manager today at **(800) 856-1948** to inquire about Advanced User Training. 🍏

Spotlight On: Associate Director of Technical Support, Shaun Mohle



Our Associate Director of Technical Support, Shaun Mohle, has been with Orchard Software for more than three years. Prior to coming to Orchard, he managed business process outsourcing at Xerox Services. He is a proud graduate of the University of Texas at Austin.

Orchard's Operations Department houses the Technical Support team as well as the Quality Assurance team. Both Technical Support and Quality Assurance are led and directed by Shaun. These teams implement, support, and maintain our entire suite of software products at our many and varied client sites. Shaun enjoys weightlifting, reading, and spending as much time as possible with his wonderful wife. 🍏



Where in the World is Orchy?

The last time we saw Orchard Software's famous mascot, Orchy, he was perched on a wall at Urquhart Castle, one of Scotland's largest landmarks. It stands on the north shore of Loch Ness, the most famous loch in Scotland. Orchy isn't telling us if he saw Nessie (the Loch Ness Monster), but we have our suspicions.

Congratulations, Shirley!

Shirley Nelson of McFarland Clinic Laboratory correctly guessed Orchy's location at Urquhart Castle in Scotland to win the drawing for the Orchy prize package.

Orchy Goes Tropical

During these cold wintry days here in Indiana, Orchy decided to take a tropical trip to a place with warm breezes and lots of sunshine. This gorgeous location has palm-fringed beaches, the bold Atlantic Ocean on the eastern shore, and the calm Caribbean Sea to the west. While there, Orchy might try to make the dizzying ascent through the rain forest to the top of this location's famous twin peaks. With all this sun, sand, and sunshine, we might have a hard time getting Orchy to return.

If you think you know where Orchy is located, please send your answer to news@orchardsoft.com by February 20, 2017, in order to be eligible to win an Orchard prize package.



Orchy has a great view of the rain forest and this location's famous twin peaks.

Orchard Strikes for Special Olympics



**Special
Olympics**

Orchard Software is a proud supporter of Special Olympics Indiana, a not-for-profit organization that provides year-round sports training and athletic competition for individuals with intellectual disabilities.

Raising Money for Special Olympics Athletes Across Indiana

In a continued effort to raise awareness for this dynamic organization, Orchard sponsored and participated in the Third Annual Strikes for Special Olympics Indiana. The November bowling event brought athletes and 48 participating teams together to compete for a great cause. Merry Ricketts, Orchard's Workplace Coordinator, said, "I was proud to see Orchard play a role in the 2016 Strikes for Special Olympics." The event raised \$19,000 dollars for more than 12,000 Special Olympics athletes across Indiana! 🍏

"Let me win. But if I cannot win, let me be brave in the attempt."

—Special Olympics Athlete Oath



Third Annual
Strikes for Special Olympics Indiana

Presented by
TOUCHDOWN
Supporting Sponsor
OrchardSoftware
All in for the Apple



Orchard Software participates in the Third Annual Strikes for Special Olympics Indiana.

Orchard & PLUGS Collaborate for 2017 Lab Stewardship Webinar Series

Orchard Software is proud to partner with Seattle Children's Hospital (SCH) in sponsoring a P.A.C.E.-accredited Lab Stewardship Webinar Series in 2017. Both Orchard and SCH share a belief in the importance of laboratory involvement in education about best test selection. Some of you may have heard Dr. Michael Astion from SCH speak at the last Orchard User Group & Symposium on test utilization. As a result of this shared mission, we are happy to collaborate with SCH for this webinar series.

PLUGS Promotes Best Test Utilization

SCH is actively promoting utilization management (UM) through its Pediatric Laboratory Utilization Guidance Services (PLUGS). PLUGS members collaborate to find ways to decrease unnecessary laboratory testing, thereby decreasing associated costs and errors. The program is actively developing national consensus policies that promote best laboratory test orders. Many of the speakers in our webinar series will be from the SCH PLUGS group.

Orchard Analytics Consortium Helps Users with Utilization Management

In step with PLUGS, part of the Orchard Analytics Consortium mission is to help users track utilization in order to make sure the right tests are ordered and to accurately track the costs of those tests. Consortium members are able to compare their unnecessary test ordering volumes and costs with the group average and gain other insights from group collaboration. As an additional tool, Orchard Analytics is developing a Laboratory Cost Calculator, slated to be introduced to consortium members later this year, to help with laboratory cost analysis.

Lab Stewardship Webinar Schedule

Stay tuned for more information about the webinar series as we are still in the planning process and dates may change. As always, we are committed to bringing you valuable educational information to keep you informed and up to date on topics important in the industry. 🍏

LIS Tools & Interventions to Improve Utilization Management Programs

- **February 7, 2017, 1 PM EST**
- **Speaker:**
Patrick Mathias, MD, University of Washington

LabTalk: National Experts Discuss the Latest Developments in Lab Stewardship & Patient Safety Pitfalls to Avoid

- **Proposed webinar date: March 7, 2017, 1 PM EST**
- **Speakers:**
Mike Astion, MD, PhD, Seattle Children's Hospital
Carmen Wiley, PhD, Roche Diagnostics
Jim Hernandez, MD, Mayo Medical Labs

The Management of Difficult Utilization Management Cases

- **Proposed webinar date: July 18, 2017, 1 PM EST**
- **Speakers:**
Jane Dickerson, PhD, Seattle Children's Hospital
Jessie Conta, MS, CGC, Seattle Children's Hospital
- **Moderated by:**
Mike Astion, MD, PhD, Seattle Children's Hospital

For more information go to www.orchardsoft.com/news.

Expanded Release Notes: A Giant Leap Forward

A constant challenge for Orchard Software is disseminating information about all the great new features in each quarterly release. For example, with more than 150 changes in the latest Orchard® Harvest™ LIS release in December, how do we make sure our clients have all the information they need as they prepare for an update?

How Are Expanded Release Notes Different from Standard Release Notes?

While we produce release notes for each hotfix and quarterly release, we have also been working on a way to provide more detailed information on key changes in each release—Expanded Release Notes (ERNs). We dive deeper to explain the purpose and benefits of selected features and how they will increase your facility's efficiency.

Orchard Harvest LIS 11.161222

Orchard Harvest LIS

New Features

JIRA	Feature	Description
3551	4Dv15	Enabled mirror backup functionality using new integration commands.
4489	Advanced Configuration Options	<p>Added an ACO:</p> <p>[Review Results] ShowAllTestsOnOrder=true</p> <p>Default is false. Set to true to display all tests for the order(s) of the currently selected order choice(s). This ACO should not be used with test-level approvals. Test-level approval will still work when this ACO is set but only if the order has one order choice. When this ACO is set, the only buttons enabled on Review Results are Approve, Print, Set Status, Export, and Refresh. If a single test is selected, the Comments, Delta Info, Rerun Test, Suppress, and Graph buttons are enabled. If multiple tests are selected, the Delta Info button is disabled and the Batch Results button is enabled.</p> <p>Note that this ACO was designed to be used with saved criteria that eliminates duplicate rows and a column view that only contains order-level information. This leaves only one entry in Review Results per order.</p>

A Standard Release Note included in the December release of Harvest LIS.

H-4489 - Display Approved Order Choices until Entire Order is Complete

H-4489 - Display Approved Order Choices until Entire Order is Complete	
Team Member	Greg Lyons
Category	General
Description	Added an ACO to display all tests for the order(s) of the currently selected order choice(s).
JIRA	H-4489
Configuration	ACO required for setup.
ACO	<p>[Review Results] ShowAllTestsOnOrder=true</p> <p>Default is false. Set to true to display all tests for the order(s) of the currently selected order choice(s). This ACO should not be used with test-level approvals. Test-level approval will still work when this ACO is set but only if the order has one order choice. When this ACO is set, the only buttons enabled on Review Results are Approve, Print, Set Status, Export, and Refresh. If a single test is selected, the Comments, Delta Info, Rerun Test, Suppress, and Graph buttons are enabled. If multiple tests are selected, the Delta Info button is disabled and the Batch Results button is enabled.</p> <p>Note that this ACO was designed to be used with saved criteria that eliminates duplicate rows and a column view that only contains order-level information. This leaves only one entry in Review Results per order.</p>
Use Case & Benefit	<p>Toxicology laboratories need the ability to view the screening and quantitative values in a test result simultaneously. In Review Results, when this ACO is enabled you can view the entire sample as a whole instead of individual order choices. With this functionality, the toxicology workflow is greatly improved and saves time approving each sample.</p> <p>Current workflow is as follows</p> <ol style="list-style-type: none"> 1. Run urine through analyzer. 2. Approve analyzer results and trigger reflexes for positives. 3. Run urine through LCMS.

The Expanded Release Note for the same change as above.

How Do I Access the Expanded Release Notes?

To make the Expanded Release Notes easy to find, we put them next to the Standard Release Notes on the Orchard Resource Center (ORC).



To find them:

1. Search for "release notes."
2. Select the **Release Notes** space from the search list.
3. Click your product's release notes link.
4. Click the ERN link.

Additionally, you can click the standard or expanded release notes link from your product's information page. 🍏

A screenshot of the Orchard Resource Center search results page. The search term "release notes" is entered in the top right search bar. A dropdown menu shows search results, with "Release Notes" and "Expanded Release Notes" highlighted in green. The main content area shows a table of release notes for various products, including Orchard Harvest LIS and Orchard Pathology. The "Harvest LIS 11 Release Notes" link is highlighted with a red box. The table has columns for "Name" and "Description".

Name	Description
Harvest LIS 11 Release Notes	Changes to Harvest LIS/Webstation since version 10.0.
Harvest LIS 10.0 Release Notes	Changes to Harvest LIS/Webstation since version 9.0.
Harvest LIS 9.0 Release Notes	Changes to Harvest LIS/Webstation since version 8.5.
Harvest LIS 8.5 Release Notes	Changes to Harvest LIS/Webstation since version 8.0.
Harvest LIS 8.0 Release Notes	Changes to Harvest LIS/Webstation since version 7.5.
Harvest LIS 7.5 Release Notes	Changes to Harvest LIS/Webstation since version 7.0.
Harvest LIS 7.0 Release Notes	Changes to Harvest LIS/Webstation since version 6.5.

Log in to the ORC and search for "release notes." Select the **Release Notes** space from the list, then click your product's link.

A screenshot of the Orchard Resource Center page for "Harvest LIS 11 Release Notes". The page is divided into three main sections: "Release Notes", "Expanded Release Notes", and "Search". The "Expanded Release Notes" section is highlighted with a red box and contains a "Quarterly Releases" list with two items: "December 2016 Release - Harvest LIS & Orchard Pathology" and "September 2016 Release - Harvest LIS & Orchard Pathology". Below this list is a link to "Learn more about Expanded Release Notes". The "Search" section has a text input field and a "Search" button. The "Release Notes" section has a "Click the '>' icon to expand the following page trees and access pages for individual builds." instruction and two expandable links: "> 11.161222 Release Notes" and "> 11.161008 Release Notes".

Click the ERN link.

Featured ORC Question

Sign in to the ORC today and join the conversation!

Q Is there a way to globally set the user timeout in Harvest LIS?
(orc.orchardsoft.com/questions/56841936)

A There is an ACO you can set:

[Prefs]

IdleMinutes=#

Default is the value set on the Miscellaneous tab of the Preferences window: "Automatically sign out after [x] idle minutes."

Set to a positive number (or 0 to indicate no automatic sign out) to use instead of what is set in Preferences. This can be used to set this value at a global level for all users or just for users in a specific security group when used with the new security group syntax for ACOs. Users must sign back in to Harvest LIS for this to take effect after changing the ACO.

Note: This will not change the value stored in Preferences. That stored value is used if the ACO does not apply to the current user. For example, if the ACO is applied to users in the Order Entry security group only, all other users signed on to the current machine use the stored Preferences value instead. 🍏

orc.orchardsoft.com/questions

Tech Tip: Optimizing Database Size in Harvest LIS

Clients might start noticing a system performance slump once their database grows to around 50 GB or larger. This issue can be addressed by reducing the size of the database and/or improving the hardware of the server. Orchard Software recommends consulting with a support technician who can assess the lab's system and recommend an appropriate course of action.

Archive Data to Maximize Space

The first step in reducing database size is an archive. This moves data out of the live database and into archive files, which can be restored if the information needs to be brought back into the live system. Most clinical labs do not need to keep more than the past two years' worth of data in the live system. Pathology labs might need to keep all pathology data

in the live system. Labs running both clinical and pathology have the option of only archiving their clinical order choices. Confirm what data must be kept before scheduling an archive because options for archiving data might be limited by the laws of the state in which the lab is located.

Export/Import to Remove Free Space

After the archive is complete, an export/import needs to be run on the system. Archiving creates fragmentation as data is removed from the data file. An export/import removes the free space so that the database takes up as little space as possible. For more information on recommended maintenance in Harvest LIS, visit the ORC and search for "maintenance guidelines." 🍏

Harvest the power of Orchard's white paper series to help you demonstrate the value your laboratory provides.



The changes taking place in healthcare necessitate careful decisions about health information technology partners. As part of our ongoing efforts to support the laboratory community, Orchard Software offers an informative white paper series chock-full of the latest lab-related information you need to stay successful.

A "Must Read" for Laboratorians & Healthcare Leaders

If you are interested in learning about the laboratory's role in the changing healthcare environment, download Orchard's informative white papers at www.orchardsoft.com/whitepapers.

- *The Value of the Lab in the New Healthcare Model*
- *The Value of Data in the New Healthcare Model*
- *Structured Data: Essential in Healthcare Analytics & Interoperability*
- *Effective Test Utilization: A Laboratory's First Step in Contributing to the New Healthcare Model*
- *Laboratory Informatics: Supporting the Future Needs of Healthcare*
- *Laboratory Point-of-Care Testing: A Future Outlook*
- *Laboratory Data Integration Driving Meaningful Medical Analytics*
- *Tulare County Public Health Lab's Lean Journey*
- *Molecular Informatics: Shaping Change in the Lab*
- *Point-of-Care Testing: The Great Boom Ahead*
- *Extending the Laboratory's Reach to Meet Healthcare's New Paradigm*

Call Orchard to learn more about our various lab information systems and how they can assist you in demonstrating your lab's value.

OrchardSoftware

Harvest the Power



Start the Year Right with Orchard's 2017 Lab Checklist!

2017 Orchard Software Event Calendar

Date	Trade Show/Event	Location
1/31 - 2/20/2017	Allscripts Global Kick Off	San Antonio, TX
2/19 - 2/23/2017	HIMSS	Orlando, FL
3/22 - 3/25/2017	AMGA	Grapevine, TX
3/26 - 3/29/2017	CLMA	Nashville, TN
4/5 - 4/8/2017	Symposium for Clinical Laboratories/COLA	Las Vegas, NV
5/4 - 5/5/2017	Clinical Laboratory Collaborative Conference (CLCC)	Northglenn, CO
6/11 - 6/14/2017	APHL Annual Meeting	Providence, RI
7/30 - 8/3/2017	AACC Clinical Lab Expo	San Diego, CA
8/8 - 8/10/2017	Allscripts Client Experience (ACE) Meeting	Chicago, IL
9/6 - 9/8/2017	ASCP	Chicago, IL
10/8 - 10/11/2017	CAP17-The Pathologists' Meeting	National Harbor, MD