Achieving Inspection Preparedness in the ISO 15189 Accredited Laboratory

Objectives

- Identify strategies commonly used to prepare for inspections
- Describe how software can be utilized with inspection checklists
- Describe how the use of software can improve the efficiency, effectiveness, and overall continual preparedness for inspections

Avera McKennan Hospital & University Health Center

A 545-bed tertiary care hospital in Sioux Falls, South Dakota

Avera McKennan is an integrated health care delivery network, providing a full continuum of care in 115 locations in 50+ communities

Avera system, the health ministry of the Benedictine and Presentation Sisters, is a regional partnership of health professionals who share support services to maintain excellent care at 300 locations in eastern South Dakota and surrounding states.

Avera McKennan Laboratory

- Hospital based + reference laboratory
- Average 144,000 reportable tests/month
- 1.7 million reportable tests/year
- Lean 2004
- Accreditations/inspections include CAP, AABB, FACT, FDA, Joint Commission, ISO 15189
- First hospital based laboratory in U.S. to achieve ISO 15189 accreditation through CAP 15189 in 2008
- MLO Laboratory of the Year 2010
- First Laboratory in U.S. to undergo assessment for 2nd accreditation cycle CAP/ISO 15189

Inspection Preparedness – Historical Perspective

- Scheduled inspection knew exact date
- Primarily a management duty
- Procrastinated until weeks/days prior
- Panic set in
- Read checklist may/may not have handwritten in "answers"
- Crisis mode in days/hours prior

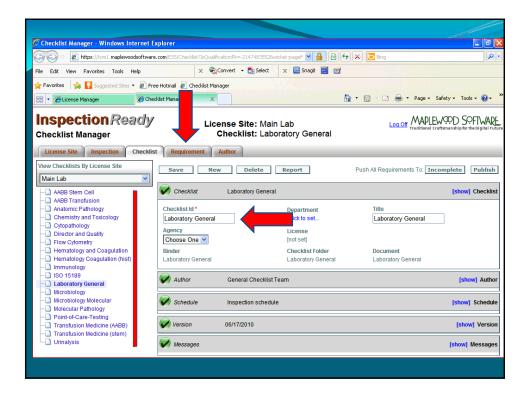
Shift from Reactive to Proactive

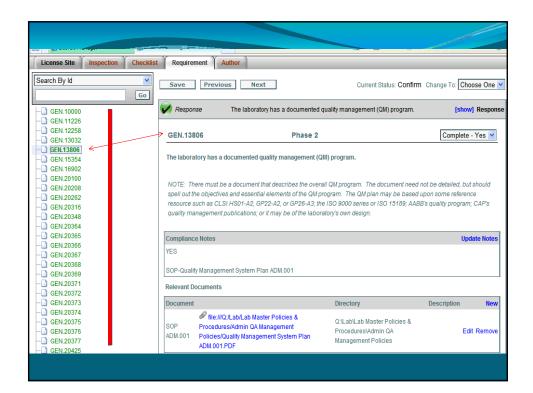
- Newer supervisors, technical specialists began preparing more in advance of announced time
- Notebook or 3-ring binder with checklist and answers
- Unannounced inspections improved preparation
- Evolved to binder with printed copy of downloaded checklist complete with typed in answers and documentation for each question
- Time consuming upkeep of binders

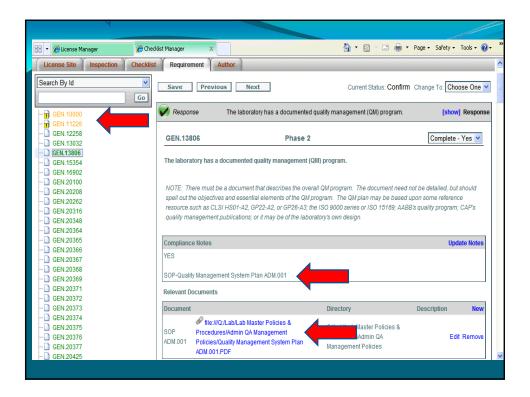


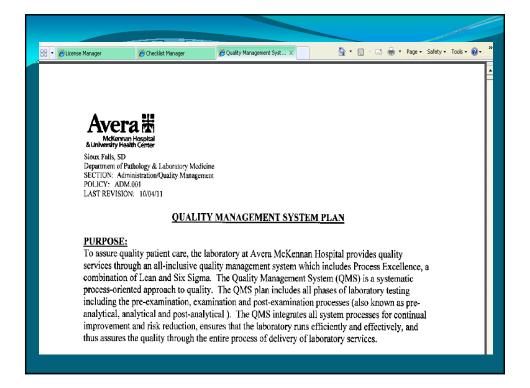
Investigated Use of Software

- Fall of 2010
- Maplewood Scheduling Software
- Introduced to additional software available -Maplewood Inspection Ready
- Did not require capital expense
- Available on internet, not requiring additional server
- Software maintenance by company
- Software development "continual"
- Web based available anywhere









Documentation - Attach vs. Link

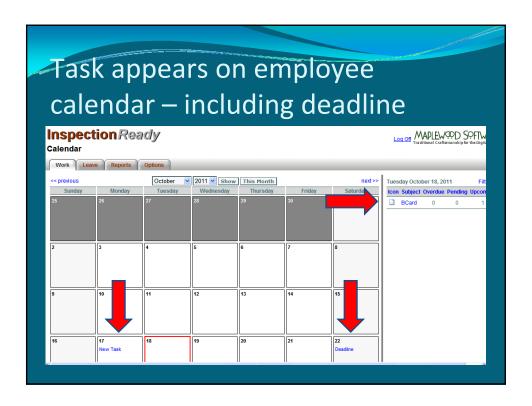
- Attach imports copy of actual document as it is at that point in time
- Link links to document location
 - Revisions can occur to documents
 - Automatically links to latest edition
 - Always up-to-date
 - Works for Websites, SOP's from other departments on company intra-net, etc.

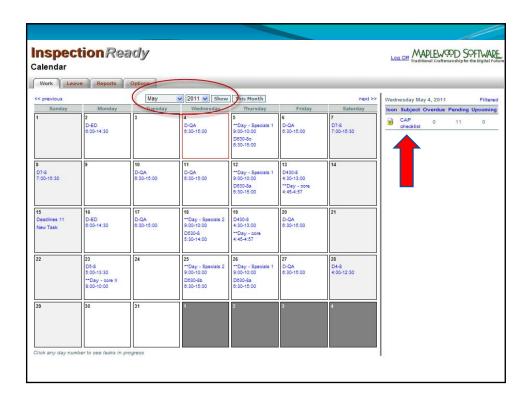
Documentation all in one place

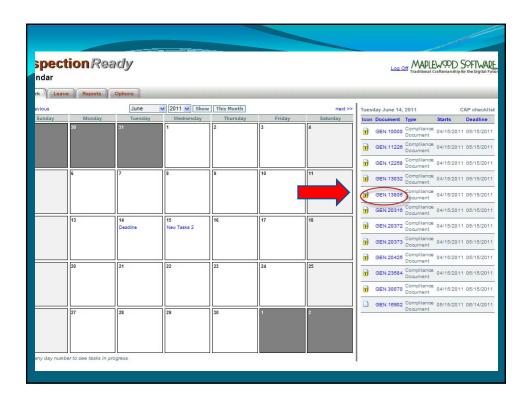
- SOP's policies, procedures
- Process flow charts
- Forms
- Examples (Can scan in, then link to)
 - Sample reports
 - Completed maintenance worksheets
 - Meeting minutes
 - Photos
- Web pages

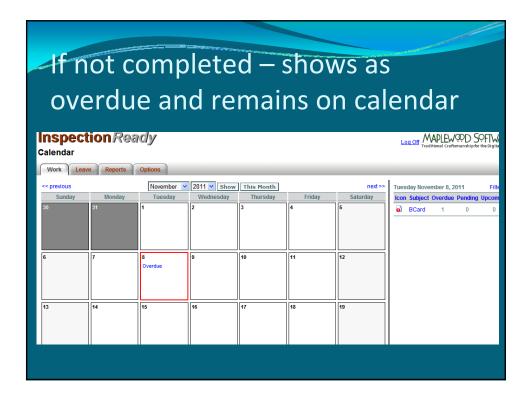
Ensuring that the work gets completed

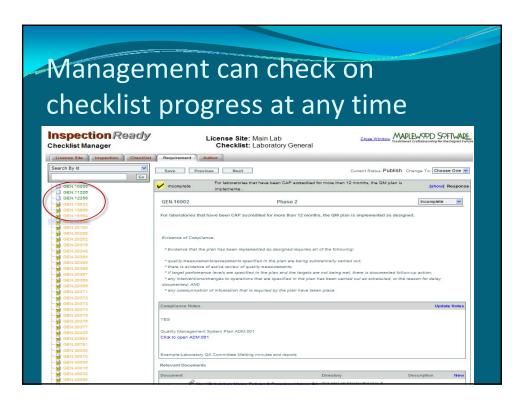
- Assign to specific individuals by entire checklist or by checklist clause
- Schedule date assignments go out and deadline for completion
- Once assigned access available through calendar or through accessing checklist through website
- Can include documentation everything in one place
- Ability to track completion

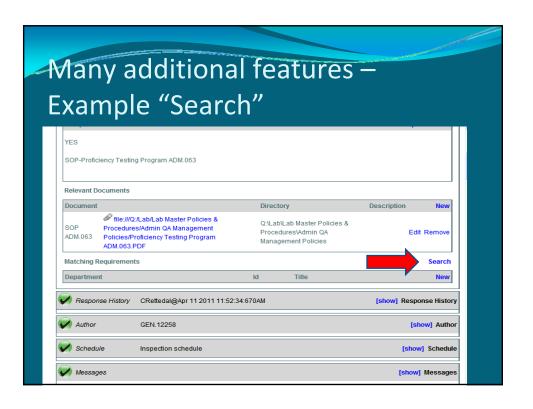


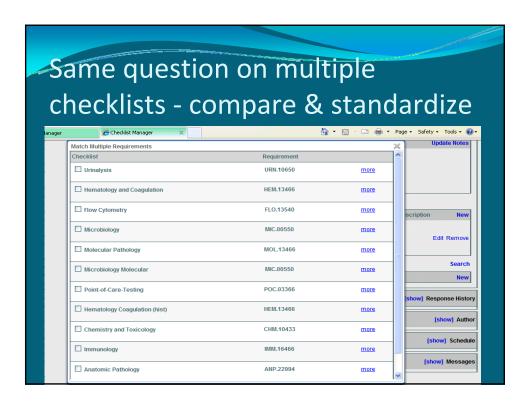


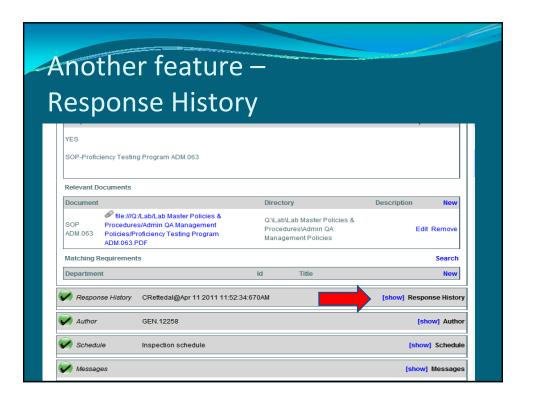


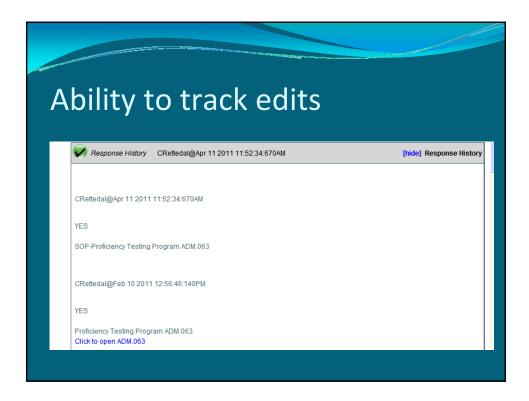












Only part of the story...

- Quick overview of a portion of software
- Next steps for us
 - Entering our employee orientation and training checklists
 - Utilizing for our employee competencies

And How Have the Inspectors Reacted?

- AABB
 - Brief review very paper oriented
- CAP LAP
 - Utilized
 - Positive feedback
- CAP/ISO 15189
 - Viewed
 - ISO assessments not "checklist" based
 - ISO assessment process and staff interview

Lessons Learned

- We think we could have done better
 - Communication to those responsible for checklist completion
 - Difference between "attach" and "link"
 - Paper checklists would no longer be maintained
 - Required to convert to software version complete with appropriate documentation
 - Sign-on for assessors
 - Issues with being logged out of checklists due to hospital's tight "time-out" settings
 - Create temporary assessor log-ins and passwords

Lessons Learned

- What we did well
 - Design and standardization of how checklist requirements are to be answered
 - Implementation and roll-out to staff through inservice and use of tutorial with screen prints
 - Timely completion of checklists
 - Positively received by staff, liked ease of use, and most saw benefits to change
 - Successful CAP, AABB, and ISO/CAP 15189 inspections

Summary

- Easy to use, intuitive, quick learning curve
- Increases accountability
- Improves checklist maintenance/decreases time
- Available at any time/anywhere
- Less reliance on key individuals being present at time of inspection
- Easy for management to track completion
- Totally electronic assign access and review at will
- Comfort of knowing that you are truly prepared and always ready

Questions?

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