

LIMS Challenges for a Multi-Site Organization

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What is a Multi-Site Organization?

More than one Lab operating under one Organization

Enterprise

Partner Lab

Lab A

Lab B

Lab C

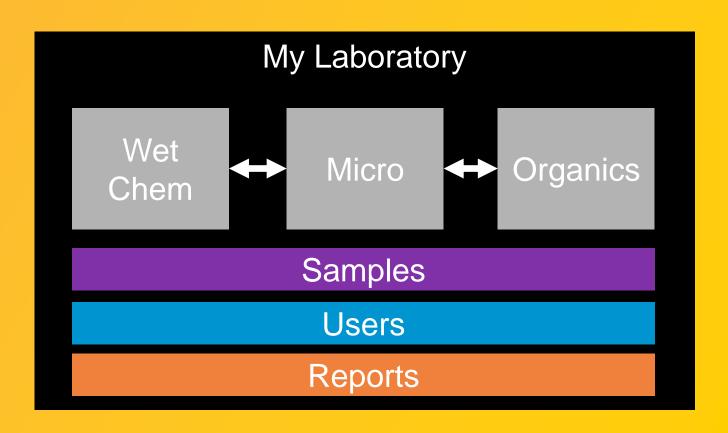
Recent Trends Towards Multi-Site

- Mergers and Acquisitions
- Expanding scope
- Specialization
- Resource constraints
 - US Lab vacancies hovering around 11%
 - Environmental testing expected to grow 23% through 2030*



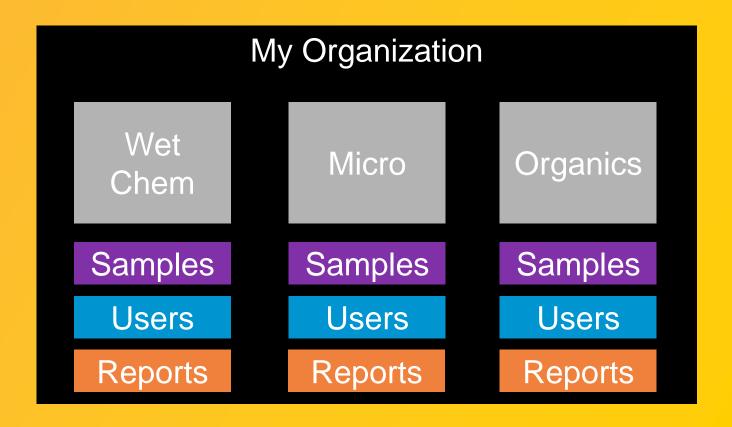
Single-Site Organizations

- Shared samples
- Cross functional users
- One reporting entity



Types of Multi-Site Organizations

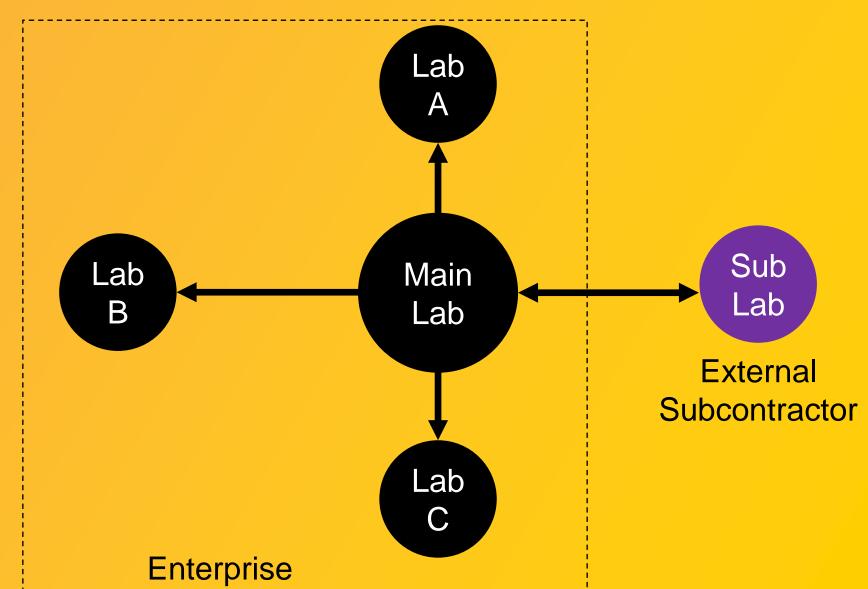
- Stand-alone/Hybrid
 - Non-shared samples
 - Lab-specific users
 - Reporting per lab



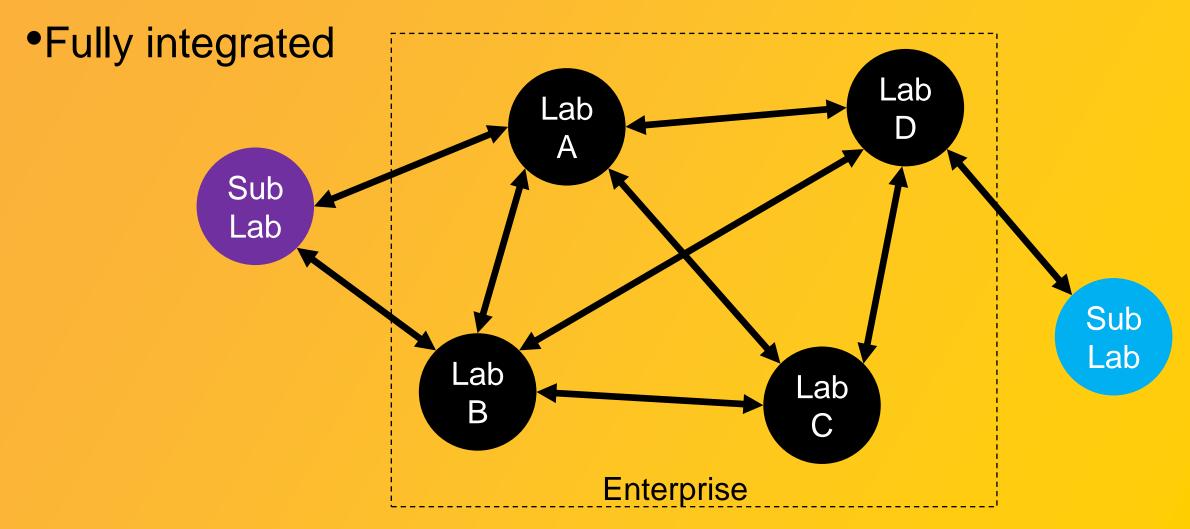


Types of Multi-Site Organizations

Hub and Spoke



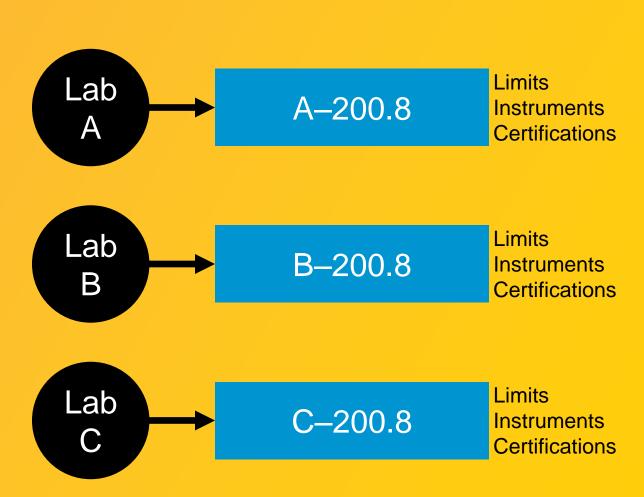
Types of Multi-Site Organizations



- Operational efficiency
 - Duplicate testing capabilities
 - Organizational awareness
 - Training
 - Analytics

- Access and Security
 - Most Users should only see "their work"
 - Some Users need to see all work
 - Authentication is granted at the Enterprise level

- Technical administration
 - Test Code proliferation
 - Limits
 - Instrumentation
 - Certifications
 - Sample storage locations



- Customer service
 - Divergent sample submission process
 - Specific testing/reporting needs
 - Lab holidays, time zones and working hours

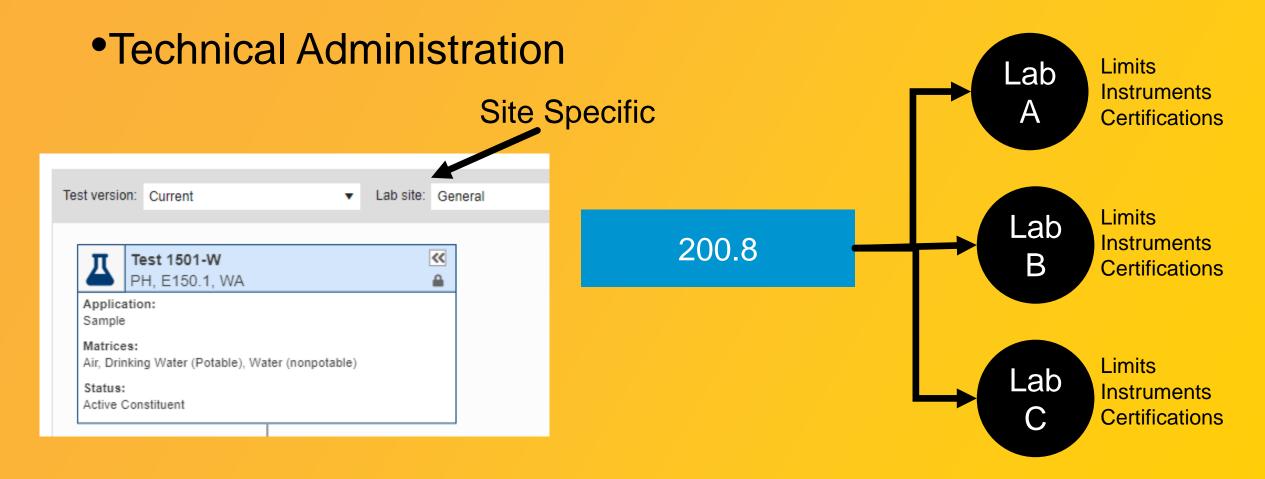
- Cost
 - Hosting on-premise LIMS is no longer standard
 - Hosting and maintaining multiple LIMS is expensive
 - CapEx + OpEx
 - Individual LIMS are typically configured independently
 - Deployment cost

LIMS Product Challenges

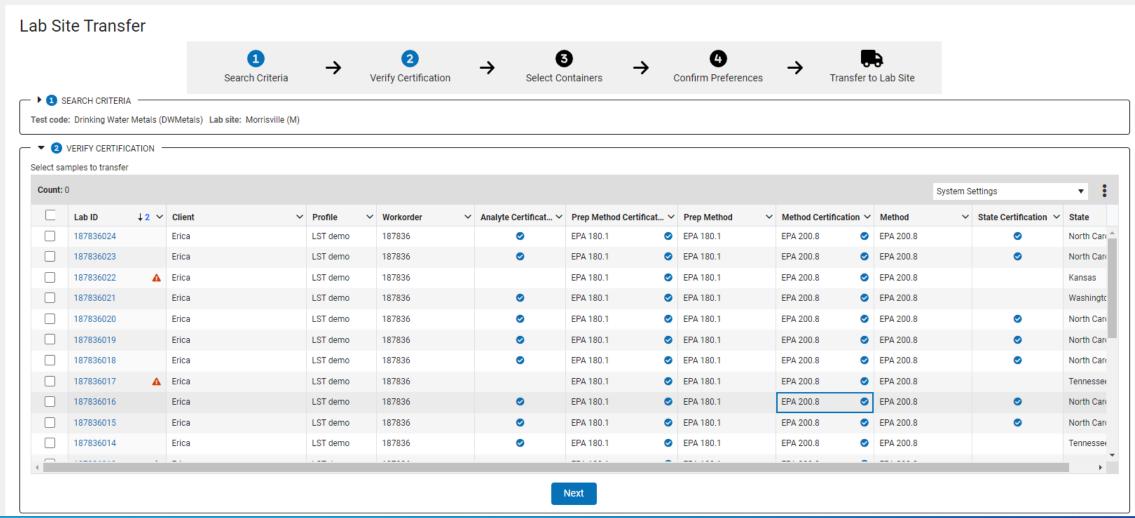
- Continue support for true single-site labs
- Evolving to support various multi-site models
 - Stand-alone/Hybrid
 - Hub and Spoke
 - Fully integrated

LIMS Product Trends

- Rise of the broad-based LIMS
- Cloud-based solutions
- Automation
- Mobility
- •AI/ML



Operational efficiency: Offloading

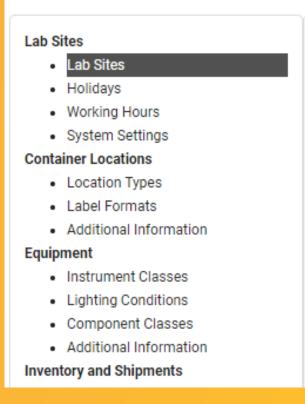


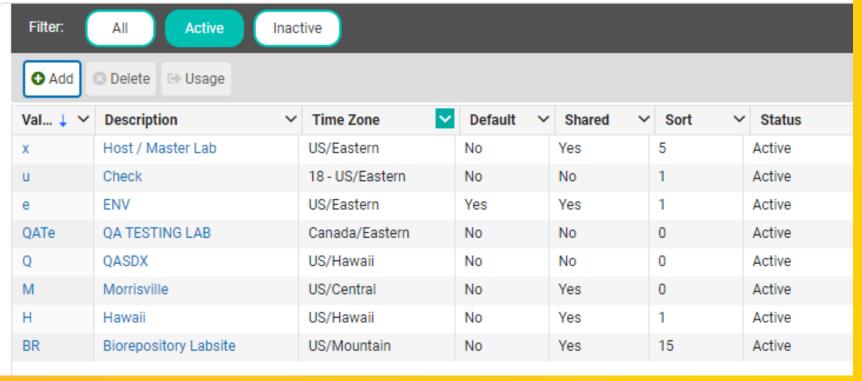




Customer Service

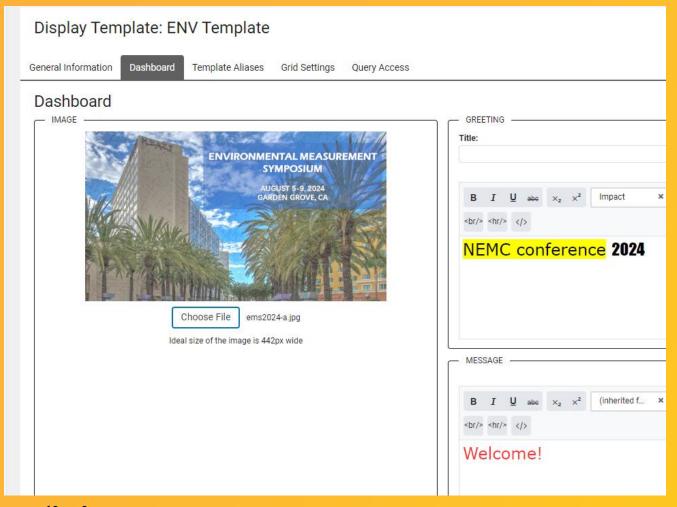
Facility Configuration

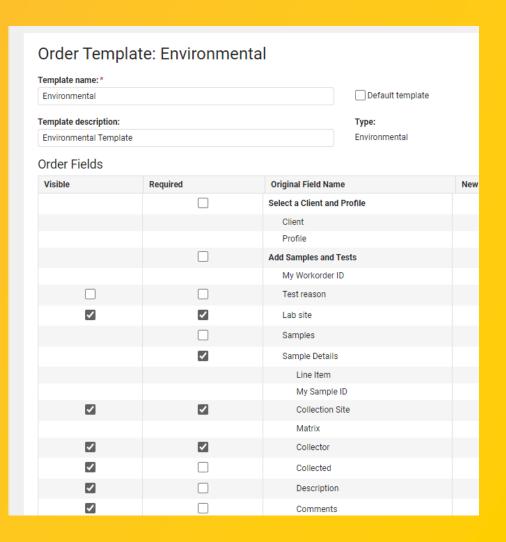




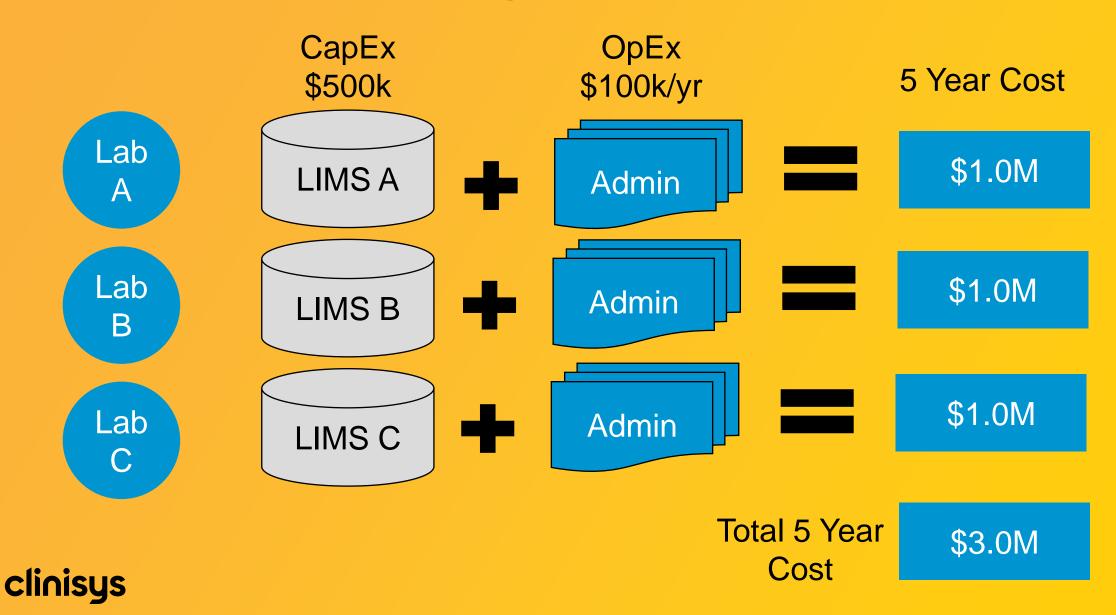
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Customer Service

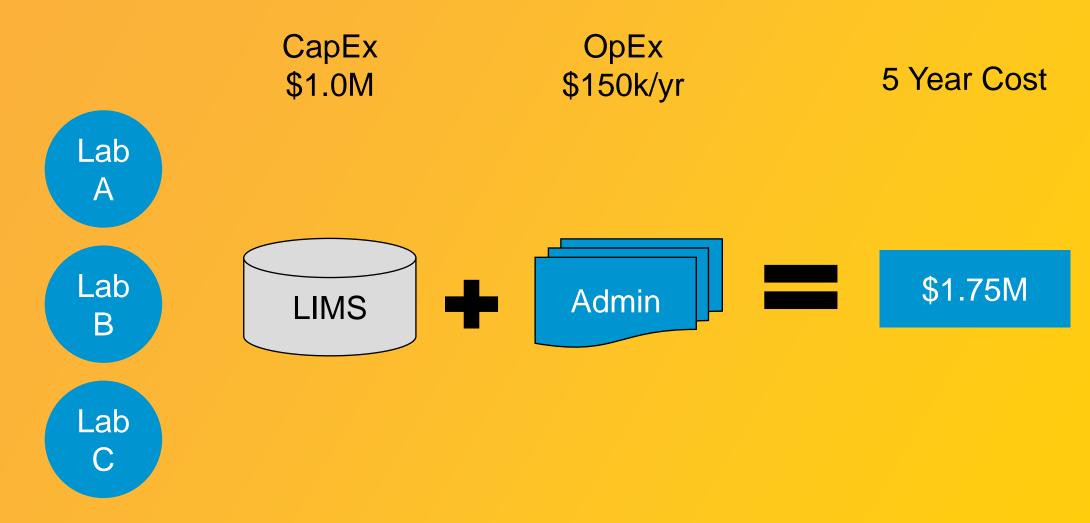




LIMS Solutioning: Cost

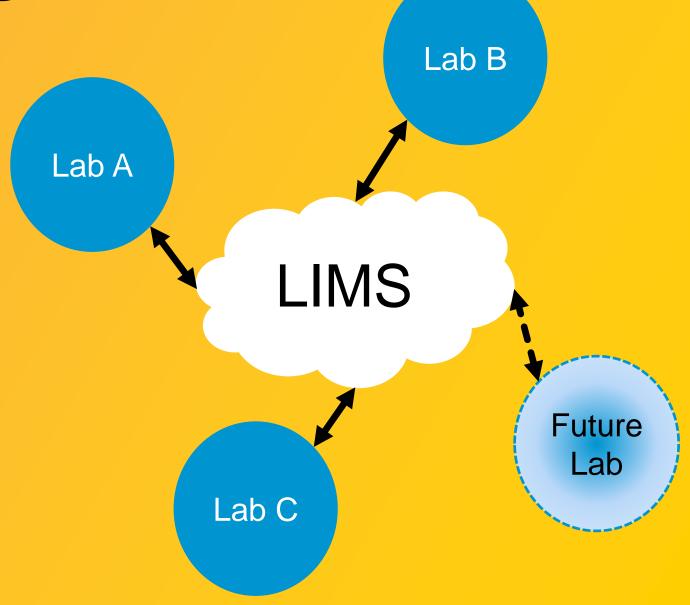


LIMS Solutioning: Cost



LIMS Solutioning: Cost

- Cloud-based solutions
- Licensing structure
- Total Time to Value
- Future proofing



Practical Insights

- •Organization goals?
- •What multi-site model best fits?
- Change agents
- LIMS considerations

Questions?



Thank You!