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# **The Successful LIMS Implementation**

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# Overview

- Pre-Purchase Activities
- Selection of your LIMS
- LIMS Configuration
- LIMS Deployment
- Post Deployment and Beyond

## Identify and Understand:

- Labs Needs and Requirements
  - Workflows
  - Integrations (Instrument, Historical Data)
  - Reports
- Technology Options
- Licensing Options
- Budgets and Costs

## Reasons for the new LIMS:

- Common Examples
  - Technology Obsolescence
  - Reporting and Data Transmission
  - Research and Project Organization
  - Regulatory Compliance
  - Result Traceability

# Pre-Purchase: Technology

## Primary Deployment Options:

- On-Premise
  - Browser Based or Client Server
  - Database Options
- Cloud
  - Virtual Desktop (Citrix) or True Browser

# Pre-Purchase: Licensing

- **User Licenses:**
  - **Concurrent** – Simultaneous users logged into the LIMS
  - **Named Seat** – Actual names of each User
- **Functional Licensing:**
  - **Inclusive**-All Functions Provided
  - **Modular**-Specific Functions Only

## Do Not Make Assumptions!

- Provide Detailed Requirements
  - Reporting
    - ✓ Know your Reports and Specific Needs
    - ✓ Build Your Own?
  - Instruments
    - ✓ File Integration (One or Two way)
    - ✓ RS232 (Serial/USB)

# LIMS Selection: Requirements

- Provide Detailed Requirements (cont.)

- Integrations

- ✓ Mechanisms for Transmitting/Transferring

- ✓ Web Services

- ✓ File Transfer

- ✓ Direct to System(DB etc..)

- Historical Data

- ✓ Required or Not?

- ✓ Who's Responsible?

- ✓ How Much to Use/How Far Back?

- ✓ Format is Important



# LIMS Selection: Evaluation

- Question the Vendors
  - Licensing Model
  - Project Methodology
  - Technology
- Request Demonstrations

# LIMS Selection: Budgeting & Costs

## LIMS pricing: Apples vs. Oranges

- Considerations
  - Licensing
  - Instruments
  - Reports
  - External Integrations
  - Project Management
- Vendor Selection

# LIMS Configuration

## Project Plan

- Customer
  - Point of Contact
  - LIMS Administrator
  - Lines of Communication
  - Responsibilities
- Vendor
  - Point of Contact
  - Lines of Communication
  - Responsibilities
  - Schedule

# Deployment

## LIMS Becomes Available for Use

- Training
- Validation Testing
  - Parallel or Cut over

# Post Deployment

- Support Expectations
- Upgrading and costs
  - What you can do vs. require the vendor

# Final Considerations

## Keys to Success!

- Know your requirements
  - Workflows
  - Integrations (Instrument, Historical Data)
  - Reports
- Clearly Identify who is responsible for what and when
- Don't underestimate the time it will take

# Questions and Answers

- Q&A