

LIMS Configuration – the essential ingredient for successful implementations

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Introduction

The needs of every laboratory are different – therefore ease of LIMS configuration is key to the successful implementation and on-going usability of any LIMS solution.

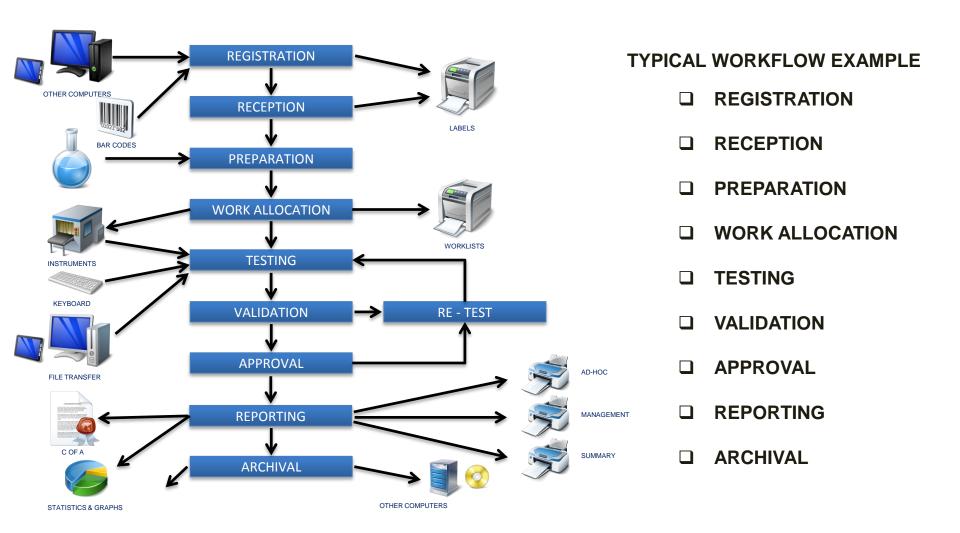
I will cover:

- Why configuration is needed
- How configuration can affect validation
- The different approaches to configuration
- How Autoscribe configures LIMS solutions
- Why the Autoscribe approach is different





Typical Laboratory Workflow



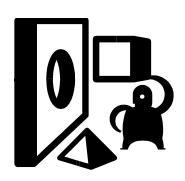




Procedures and LIMS

There are two choices:

- Change your procedures to fit the LIMS or
- Change the LIMS to fit your procedures

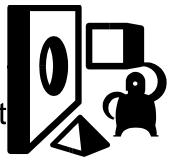






Why is Configuration Needed?

- Genuine configurability means that a LIMS can be designed quickly to represent user requirements in terms of:
 - workflows
 - screen designs
 - menu designs
 - terminology
 - numbering schemes
 - report designs
 - and much more.
- The system is designed to fit user requirement







Why is Configuration Needed (continued)?

- User requirements change over time so an ideal system allows for easy changes to be made to accommodate new needs
- This can be termed future-proofing
- This leads to longer system life, lower cost of ownership and excellent return on investment





But all LIMS claim to be configurable!

 In a broad sense this is true but there are significant differences in the approaches used – and this has a major impact.







Different Approaches to Configuration

- Fixed screens (no configuration)
 - Must adopt workflow, naming conventions etc. of the LIMS as supplied
- Configuration Switches
 - Turn on/off some of the screen options to semi-configure the LIMS
- Configuration Coding
 - Change any screen, but code changes need to be re-validated
- Autoscribe Configuration Tools
 - Core code identical (avoids system re-validation)
 - Interactive user interface
 - · Visual drag and drop, point and click to add fields, list boxes etc.







Autoscribe Configuration Tools

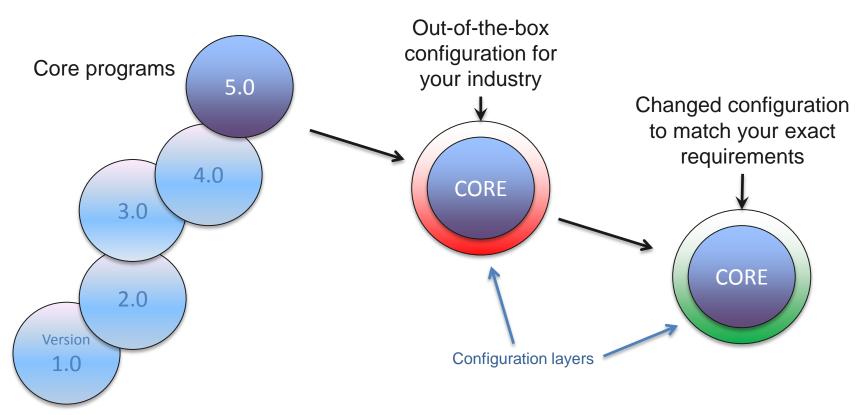
- Include:
 - Dynamic screen designer
 - Menu, list, counter editors
 - Event triggers
- No custom code written
- Faster to implement
 - Shorter time between iterations
- Easier to use "Your way" not "Our way".
 - Common user experience network/web
- Provides a longer useful life
 - Customers have migrated through five generations of Matrix over 20 years!







Matrix Configuration



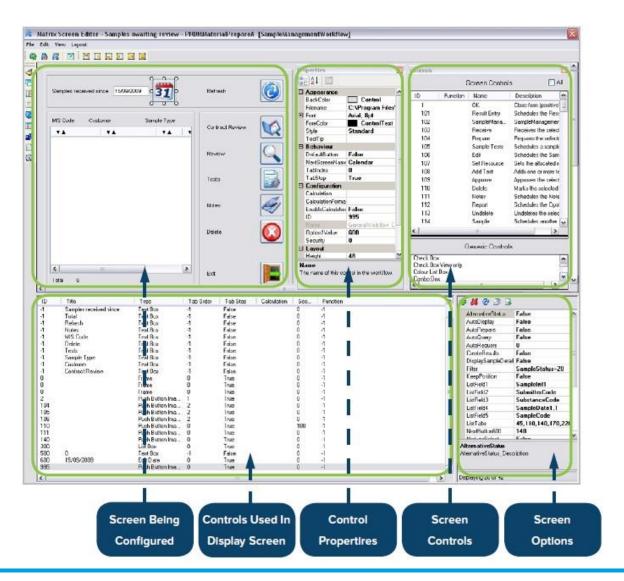
Every Matrix LIMS installation uses the same core program suite. However, the configurable "layer" allows each system to look, and behave differently to meet end-user requirements.

Updates do not overwrite the configurable layer.





Typical Configuration Screen







How Does Configuration Affect Validation?

- Genuine configuration means the core code is untouched when delivering a LIMS and no supplementary code is used.
- Genuine configurability classes a system under GAMP Category 4 standards for Configurable Software Packages which allows for an easier and less time consuming validation.





Configuration Tools for Users

- Minor modifications
- Completely new workflows
- Configure your own LIMS
- Support







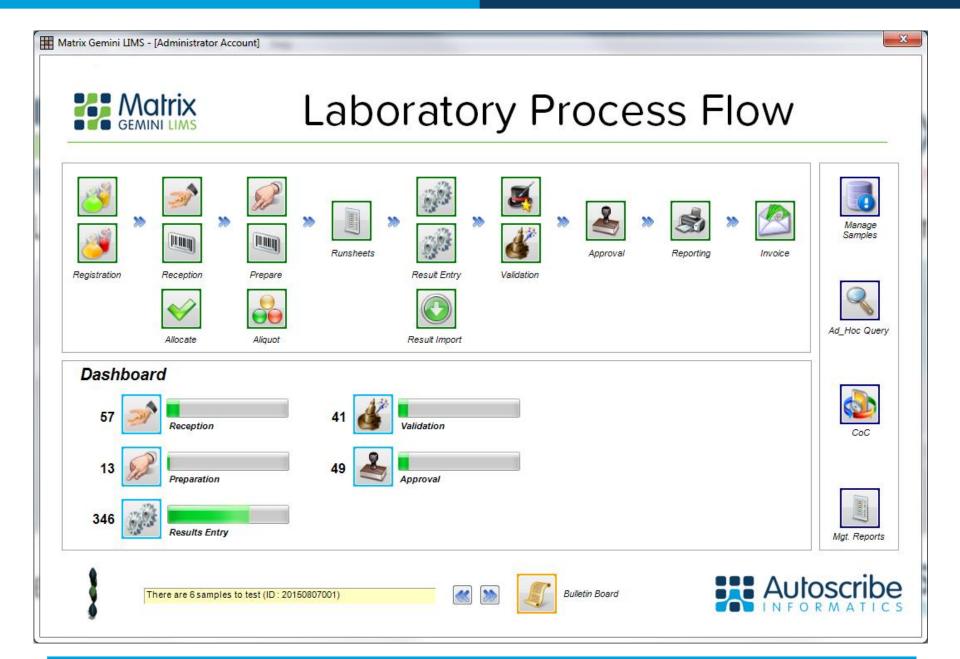
Genuine Configuration and Corporate Projects

- Multiple sites and/or departments
- Different requirements
- Different sizes of local laboratories
- Different languages on screen





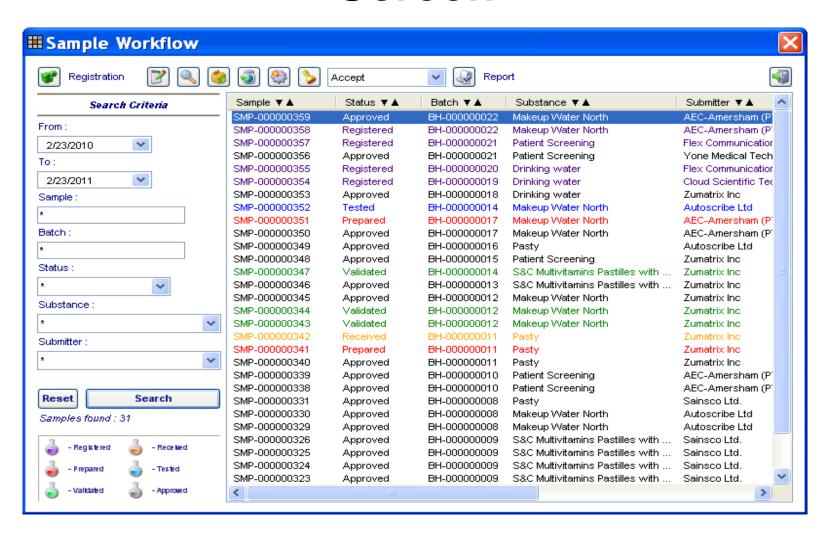






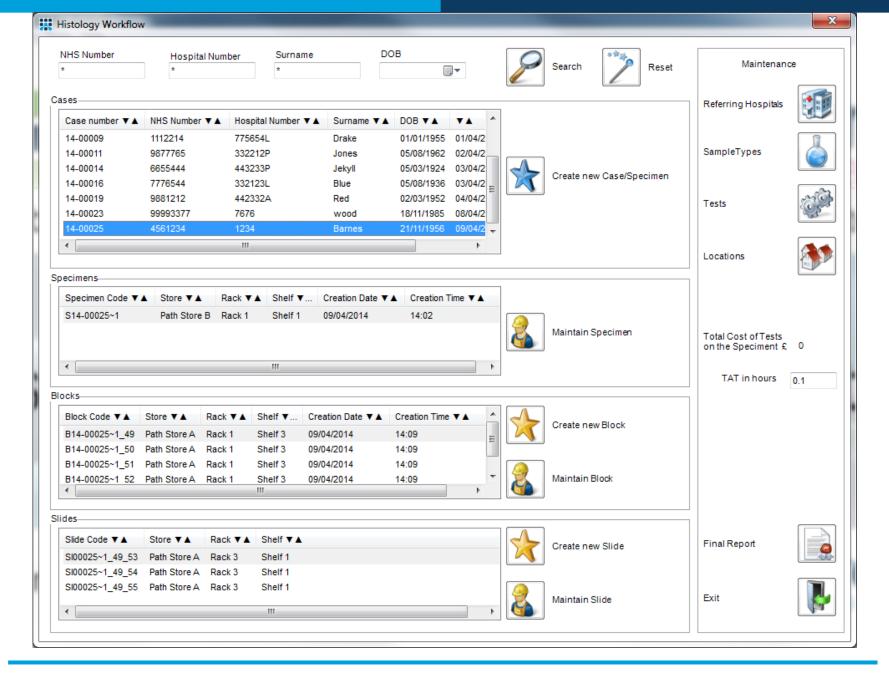


"One-Stop" Status & Workflow Screen



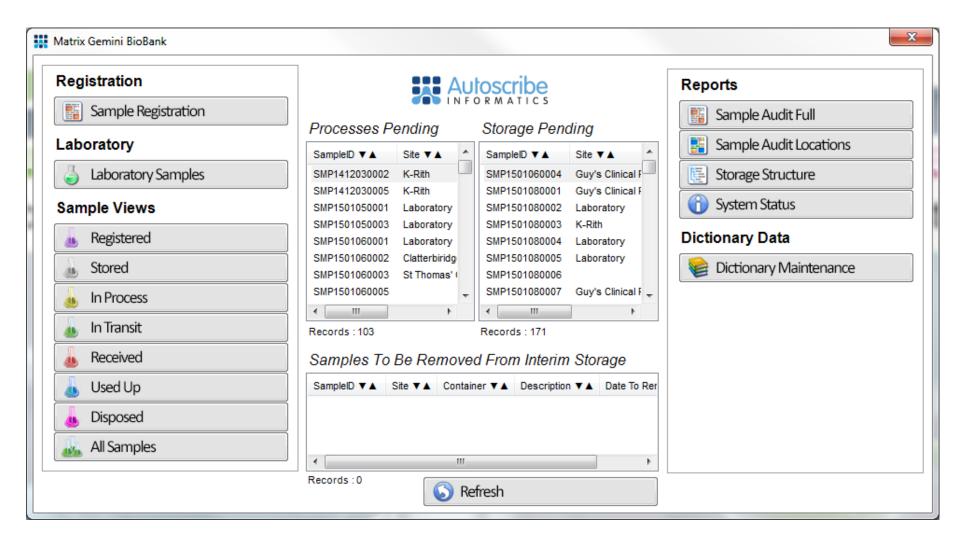






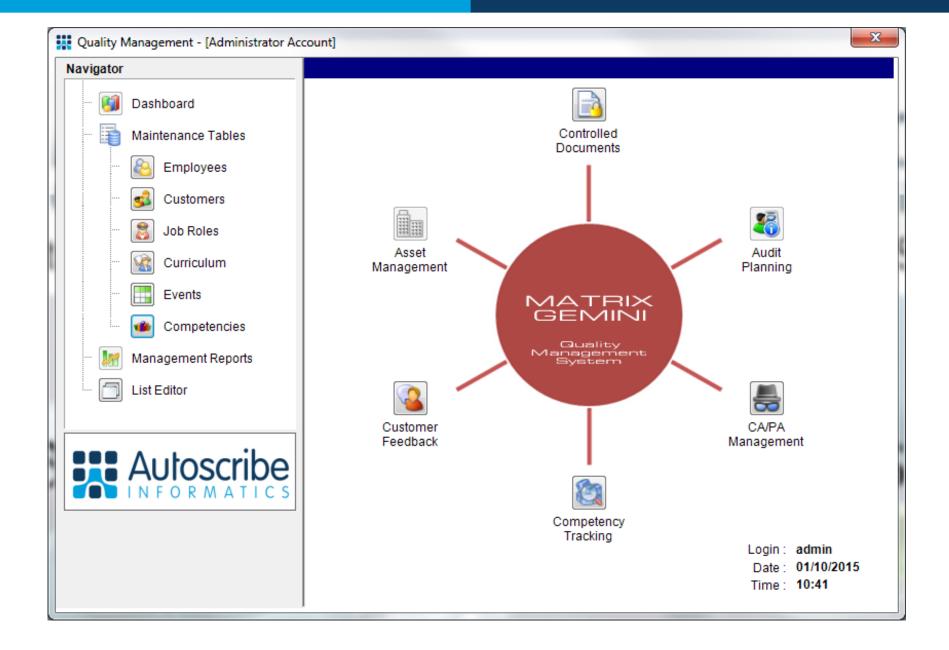






















Laboratory and Business Information Management Systems



Delivering Configurable Future-Proof Solutions







Any Questions?





