



# LIMS Minimum Viable Product

## LIMS MVP: A Powerful Foundation for Your Lab's Future

This initial MRDC eIT PMO product represents the first step towards a comprehensive LIMS solution.

### Biobanking Module *Bio Sample Management*

- Manage complete life cycle from sample storage to managing large studies
- Manage protocols, sites, subjects, cohorts, clinical events, kits, tests, inventory, genealogy
- Document consent with electronic forms
- Manage subject participation across studies
- Require rule-based approvals
- Track custody as samples moves through the lab
- Identify samples with restricted use
- Manage inventory of biological samples and quickly locate them
- Restrict unauthorized access to patient data and comply with regulatory requirements

### Consumables Module *Chemical Inventory Management*

- Complete management, maintenance, and tracking of laboratory consumables, solutions, reagents, standards, controls and buffers
- Keep track of consumed items such as gloves and glassware
- Identify items by container and storage location
- Track status of item lifecycle
- Simplify reordering by monitoring consumption

### ELN/LES Modules *Electronic Lab Notebook / Laboratory Execution System*

- Replace paper notebooks
- Document experiments, research, and lab procedures
- Protect integrity of data, search and review previous work
- Complete integration to LIMS: samples, data entry, instrument use, consumables, attachments, metadata
- Powerful editor for worksheet creation
- Collect worksheets in workbooks
- Complete lifecycle tracking
- Enforce laboratory process
- Automatic generation of worksheets from test master data
- Display testing instructions
- Control when worksheets are created, how they're assigned, who can access

### Array Management Module

- Manage plates
- Create plates, plate maps
- Track storage and location of plates
- Perform compound screening runs
- Run plate based assays

### Reports and Labels Module

- Report development using Jasper Reports
- Ad hoc Reporting: Built in data mining and view for end users
- Print barcode labels via Seagull Scientific

### Request Management Module

- Submit Requests between labs
- Track status of Samples and Tests once submitted
- Utilize Approvals for opening and closing, and receipt of Requests

## Questions?

Contact USAMRDC eIT PMO Help Desk:

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