Leveraging Strategic Consultation for Informatics Modernization

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Introduction

Laboratory informatics systems selection support services is a need for public health laboratories on an infrequent basis. The typical laboratory software system is used for a decade or longer. This means when replacement is needed and financially possible, the expertise to guide the selection process is often not available internally. The purpose of this presentation is to present a method to leverage independent consultants to make strategic decisions on laboratory informatics.

Methods

Over a period of 10 years, we have created tools, documented themes, and commonalities, and delivered approaches for informatics creation and implementation in public health laboratories. We have served as an extension of the laboratory leadership and staffing and as a go-between from software vendors to the laboratory.

Results

We will present a general approach to systematically determine informatics needs, evaluate existing software options, formulate system requirements, and manage the implementation. Tools, tips, and tricks will be shared. This approach can form the basis to identify the right consulting partners for strategic planning and implementation purposes.

Conclusion

Public health laboratory leadership will be provided with an approach to methodically identify resources to augment IT and laboratory staffing to support laboratory informatics infrastructure.

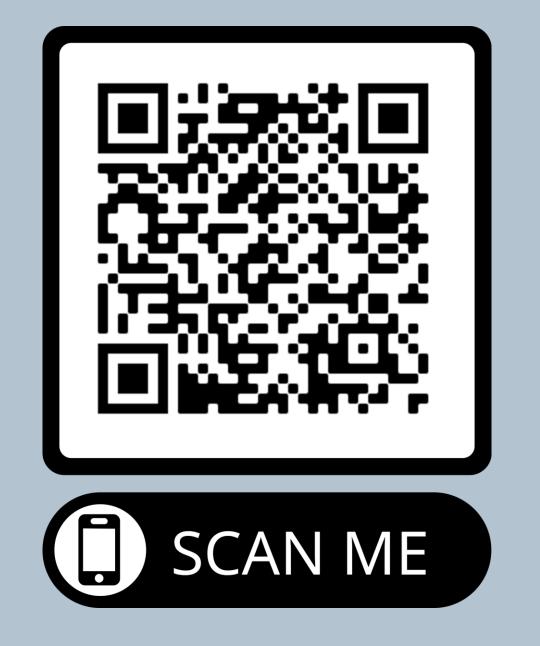


Save <u>Time</u>, *Resources* and

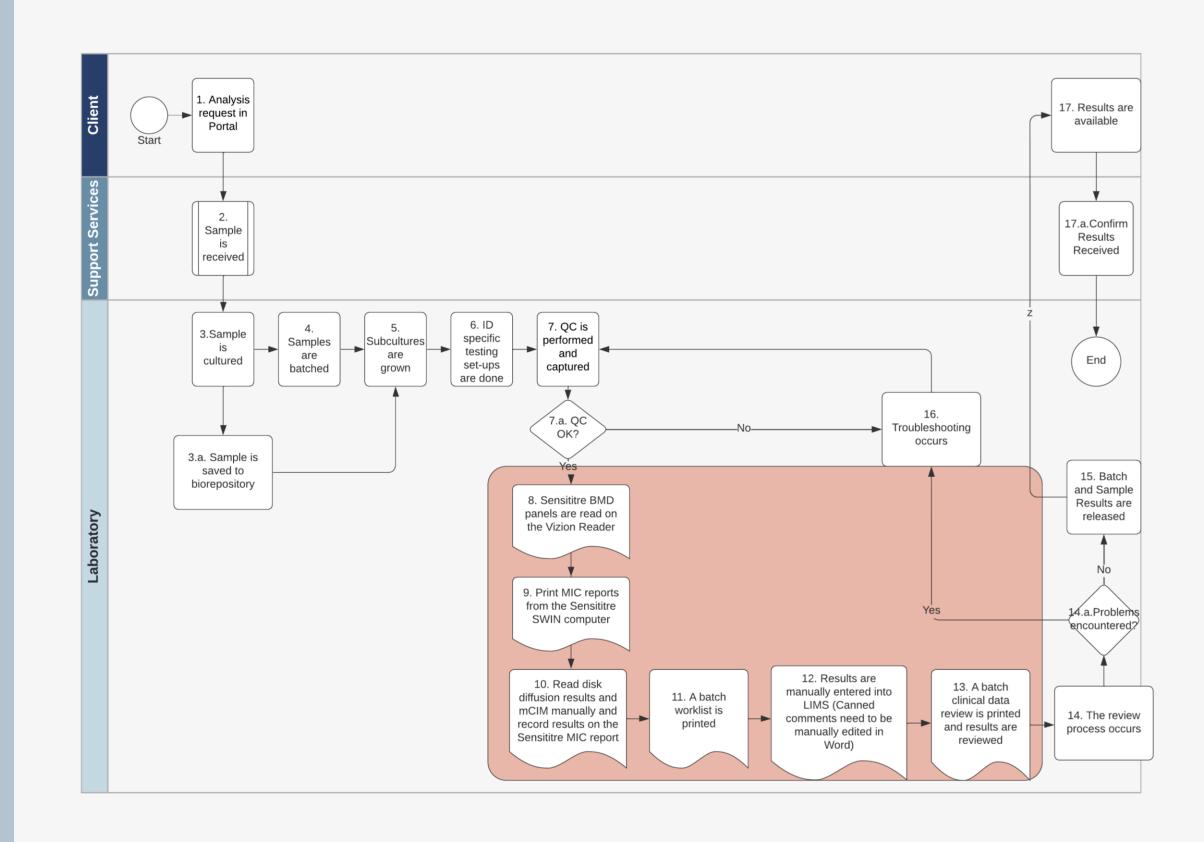
Be Successful

Evaluating, Selecting and implementing

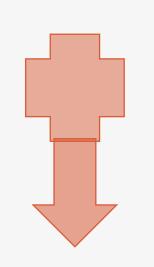
Laboratory Informatics



Bacteriology **Current** State Workflow

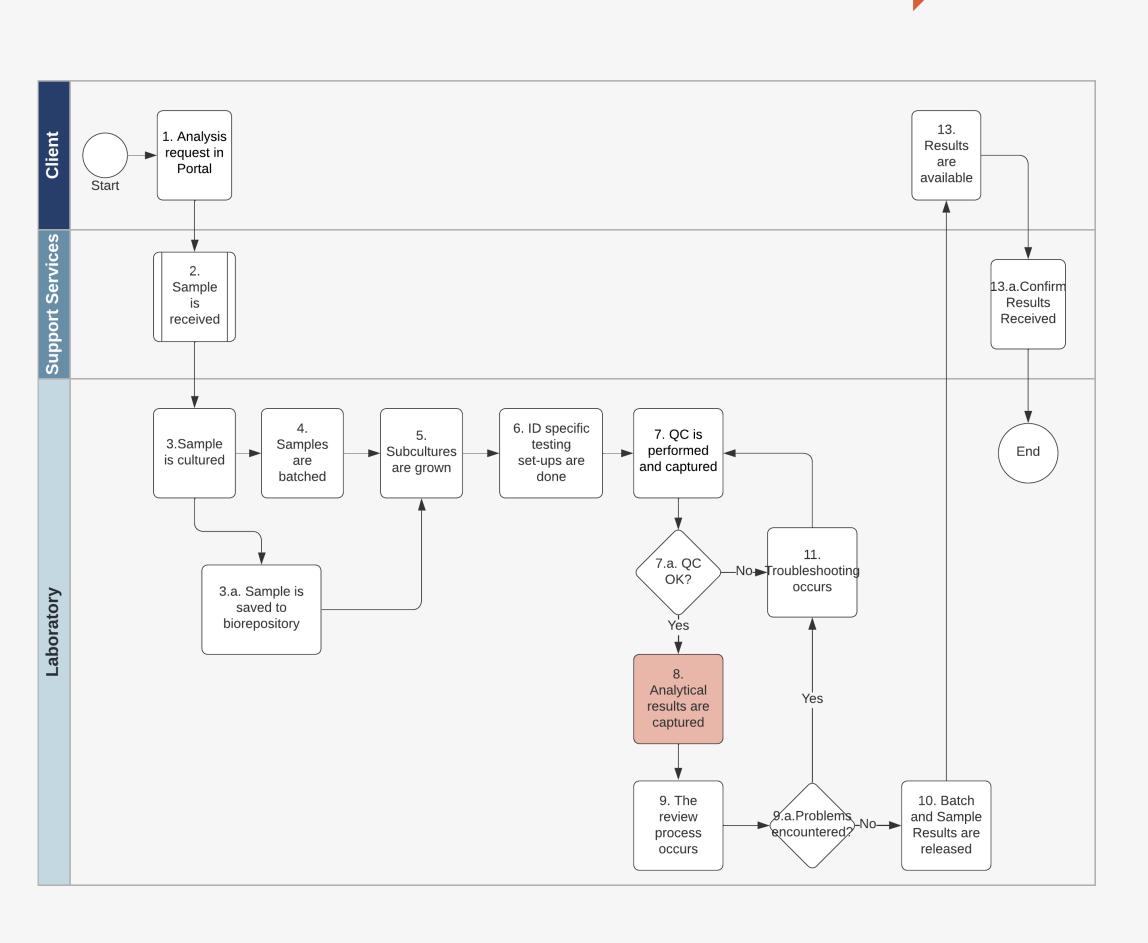


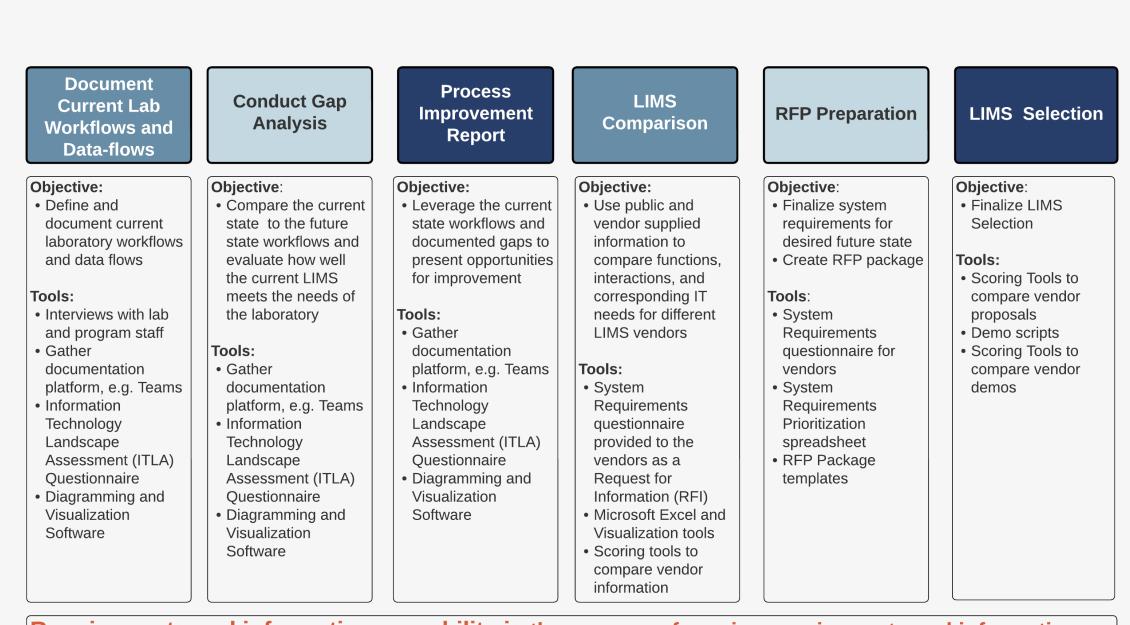












Requirements and information reusability is the process of reusing requirements and information that have already been authored and implemented before in previous phases of the project. This technique is used by JMC to ensure that maximum productivity and consistency are achieved throughout the product development lifecycle.