



Analytical Requests Management

How the analytical requests are initiated, received, and then managed in a laboratory may vary based on type of laboratory, or its typical business sector. However, most of the time, analytical requests take various forms even within a given laboratory.

Sometimes requests come directly from production – same sample types are received based on a known frequency for each sampling point, routine testing are performed and results usually fall within acceptable statistical limits. This type of analytical cycle can be easily automated within LabPlus as requests are typically received through a production system interface. Once the request is created, samples can be logged-in and samples-methods automatically assigned to the analyst or instrument without requiring any additional data entry if the bar code technology is implemented.

Analytical requests may also come from external clients, partners, etc. These requests may require expert or investigative analyses, routine or on-demand analyses for methods a laboratory is accredited for, it can be scheduled testing for regular clients, and even more possibilities. All these various work cycles require a highly flexible system in order to put in place all attributes and business rules that would simplify the analytical management of such requests. In LabPlus, it is possible, as soon as the receipt of requests, to create entities and based on various sets of configured rules in Plug-ins, to automate the analytical assignments as much as possible.

It is nevertheless true that a laboratory must also satisfy its internal needs for analytical and quality monitoring by creating its own analytical requests for employees training, method, standard, quality, and instrument validation and certification. These work cycles can typically be scheduled and with the LabPlus task scheduler, all types of analytical activities can be planned and automatically assigned.

One of the most important functions of a LIMS is to optimize the laboratory activities which more often than not imply the automation of work cycles or analytical processes. But more still, a LIMS must react to these processes and must inform users about the appropriate progress of activities.

With LabPlus, analytical requests are logged-in manually or automatically through various features: using the LabPlus Web Service Interface if requests are from another system, using a configured Plug-ins based on any types of event, or using a request template that is applied by the LabPlus task scheduler.

And LabPlus, by its notification feature, can also sent messages either by electronic mail or directly in the application to its subscribers. Messages can be about acknowledgement of receipt, activity monitoring report, or any problem that can be met during the life of analytical processes.

Solid analytical requests and customers satisfied with the efficient management of their requests; here is what gives LabPlus, the solutions that Quality demands.