SampleManager LIMS software
Lab Execution System (LES)

Drive Process Compliance and Enable Electronic Management and Execution of SOPs
Guide analysts step by step through procedures to ensure compliance with regulations:
• Drive users through each step of standardized work procedures.
• Integrate with instruments to confirm training and extract data in real time.
• Guarantee electronic signatures required in the formal review.
• Document the entire process in an audit log – enables review by exception.

The Laboratory Execution System (LES) in Thermo Scientific™ SampleManager™ LIMS, LES and SDMS software guides analysts through each step of a method to ensure correct and accurate SOP execution and captures the complete process history. Drive quality and compliance through consistent, repeatable execution of methods and processes:
Analysts can easily execute lab methods or resume running lab executions through the SampleManager LIMS software mobile app, connecting to instruments and enabling remote execution and real-time data acquisition:

SOPs can be broken down into multiple lab methods comprising logical steps to guide analysts through a procedure:
Hazard warnings embedded into the lab method remind analysts of necessary safety procedures:

Process history provides an overview of all executed steps and their status:
Instructional illustrations and videos demonstrate proper analytical techniques:

Review by exception lowers the amount of time spent in review:

Quality, repeatable process execution is key to ensuring reliable results and driving data integrity throughout your lab processes. A Laboratory Execution System (LES) built into SampleManager LIMS software gives analysts clear instructions and checks the LIMS to make sure instruments, equipment and other resources are appropriate and ready for use. Users are able to manage SOPs electronically, easily review processes and drive continuous improvement to deliver increased confidence in their data.

Find out more at thermofisher.com/digitalscience