



Autoverification Solutions

In today's environment, the clinical laboratory can become home to the perfect storm: a shrinking pool of qualified personnel, combined with an increasing workload and the expectation of decreasing turnaround time. Our Autoverification Solutions takes care of the mundane tasks, freeing your limited resources (medical technologists) to focus on the true exceptions.

The human element is clearly the most important component in the clinical laboratory. When you IMpower your lab you can utilize those resources more wisely and efficiently. Data Innovations' Autoverification Solutions can help you save money and lives by:

- Automatically review and release patient results based on your laboratory's criteria
- Providing the tech additional time to attend to the true exceptions
- The ability to review multiple instruments and work areas at one time

Features of Autoverification Solutions include:

- Develop criteria ('rules') to evaluate and take action on every data element in the system. This provides the possibility of tens of millions of different permutations to automate, streamline and enhance your laboratory workflow.

- Ability to create additional, custom patient, specimen and test-level data elements.
- Easy to develop rules support specimen, patient, physician, practice, ward/location and institution specific rules to provide the highest level of autoverification rates.
- Rules test environment lets you simulate information from the instrument and/or LIS to verify your rules logic
- Build, store and execute rules test cases for regression testing to ease validation requirements and print testing results for regulatory compliance
- User-defined, customized results review screens support graphics, previous results, filtering and color coding using rules logic

Beyond the obvious time savings afforded by our Autoverification Solutions, Data Innovations provides a variety of innovative answers to your most intractable challenges; innovations that will make your lab run smoother and more efficiently.

With Data Innovations' unique Notifier application, event notifications are tied directly to the rules you choose. For example, a technologist can receive an email or text message the moment an elevated Troponin result is produced.

How it works for CompuNet Clinical Laboratories:

The implementation of the autoverification allowed the reduction of process steps by almost half, representing a 45% reduction in steps required. Additionally, the number of samples requiring technologist review was reduced from a daily average of 2101 to 13, a 98.6% reduction. This resulted in a reduction of tech time by more than 4 hours per day...with a level of consistency that could not be achieved by manual review.