

Laboratory Intelligence

Critical business analytics for your laboratory operations

Data Innovations Laboratory Intelligence (“Lab Intel”), is a business intelligence solution focused on the clinical laboratory environment. It is designed to provide a snapshot of laboratory operations at a glance through customizable dashboards. By providing easy access to critical analytics and drill-down capability, laboratory intelligence helps lab management focus on key operational issues. This functionality is a new application available in Instrument Manager (“IM”) v8.13, which was released in November 2013.

The Laboratory Intelligence feature provides embedded “real-time” data you can use to make data-driven decisions in your laboratory. Lab Intel displays Key Performance Indicators (KPIs) through pivot tables in interactive dashboards. A major strength of Laboratory Intelligence lies in its ability to provide real-time transactional data without the requirement of warehousing it. Dashboards provide leading indicators to monitor service levels and detect variances.

With the information available in this solution, you can:

- Make changes to improve processes, staffing levels, and track equipment usage
- Have instant access to real-time and actionable information
- Measure and monitor performance for early detection of exceptions
- Drill down to identify root-causes and troubleshoot quality issues

Several pre-configured KPIs indicate:

- Turnaround time
- Percent of auto-verification
- Quality indicators
- Volume



Customizable dashboards to easily monitor KPIs providing a pulse on lab operations at a glance

Predefined Key Performance Indicators

4 Metric Categories and 15 Predefined KPI's Included

		Metrics			
		TAT	Autoverify	Quality	Volume
KPIs	Specimens Released Per Day				●
	Test Released Per Day	●			●
	Specimen Completion Status	●	●	●	●
	Specimen By Priority	●		●	●
	First Time Pass Rate	●	●	●	
	QC Violations	●		●	
	Specimen Quality Indicators	●		●	
	Autoverification (Speedometer)	●	●		
	Autoverification (7 day bar chart)	●	●		
	TAT Chemistry for Routine	●			
	TAT Chemistry for STAT	●			
	TAT Hematology for STAT	●			
	TAT Hematology for Routine	●			
	TAT Overall	●			
	Connection Status			●	