Laboratory Quality Control
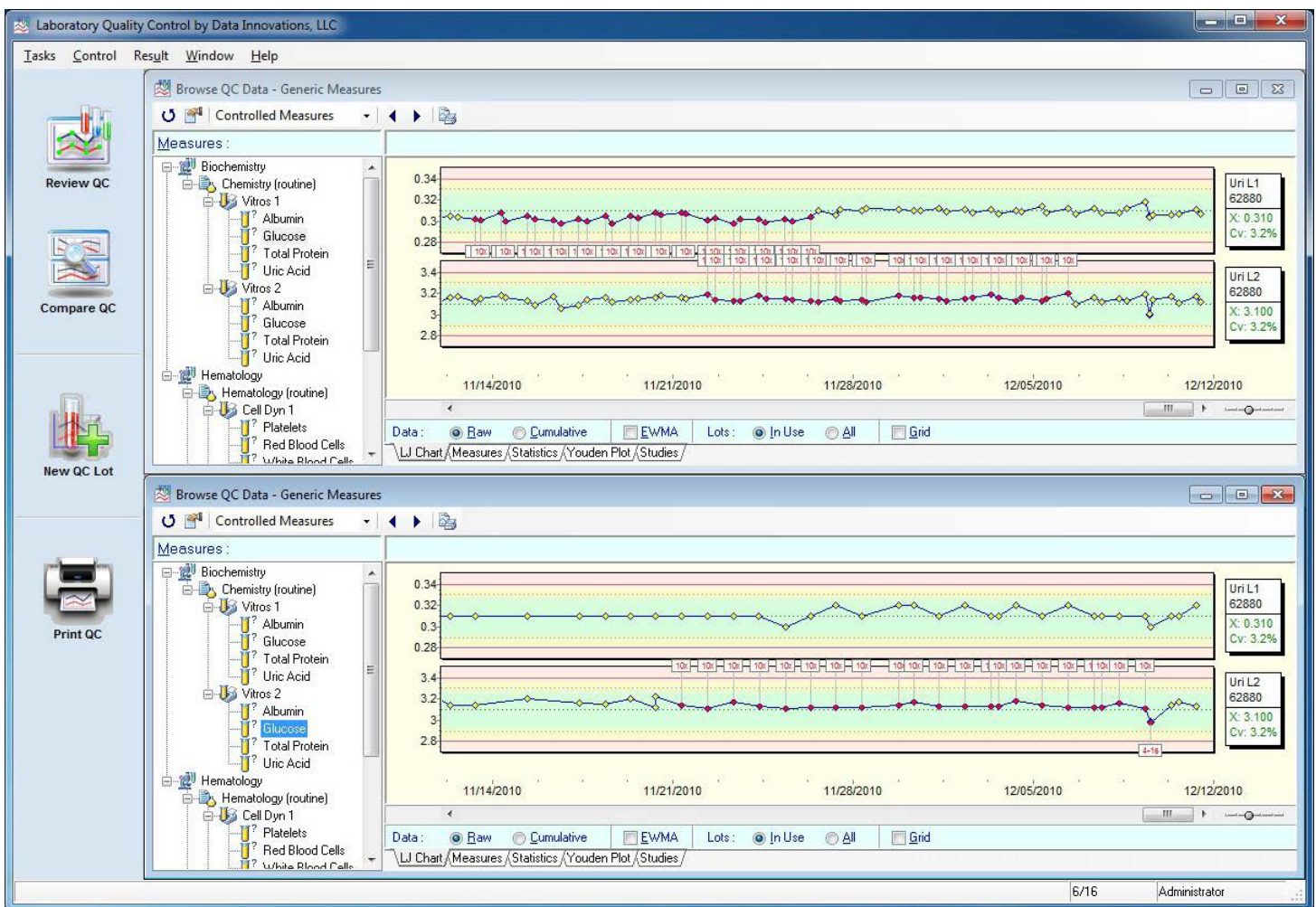## Integration with Instrument Manager™

Would your workflow be smoother by integrating internal QC into Instrument Manager?

Data Innovations has introduced a new module, Laboratory Quality Control (LQC), for managing internal QC results. LQC's integration with Instrument Manager (IM) allows subsequent patient results to be held for review on the basis of QC violations or warnings.

Data Innovations, the largest laboratory middleware company, understands that demands on clinical labs are greater than ever, bringing with it the pressure to perform efficiently, while maintaining quality, timeliness and actionable healthcare information. LQC is a simple but powerful solution to integrate your internal quality control results with IM. Integration means that IM's Rules Engine can not only make decisions for the patient samples that follow the QC, but also provide comments for LQC's Levey-Jennings charts.
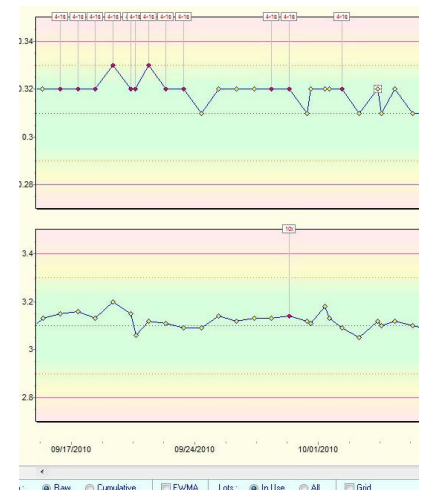
Full Integration With IM

- **Save reagents** by not processing patient requests for one (or more) tests following a QC control violation on one test
- **Hold patient results** for verification if a QC violation occured
- **A single contact** for middleware and internal QC management
- **Get detailed information directly in your IM workspace,** including the details of the Westgard rules violation. Use this information in the IM Rules Engine as well.
- **True integration:**
    - IM can send comments to LQC to be displayed with QC results
    - Common user credentials to allow easy user rights management
    - Shared database with IM to simplfy installation and maintenance
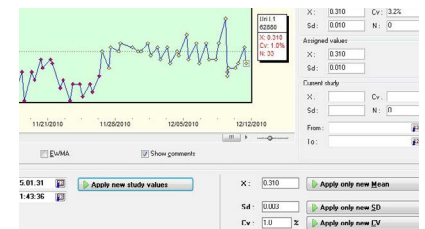   - LQC clients are IM clients: no extra client licenses

Advanced Capabilities

- Use the worldwide standard to manage your QC results: LQC integrates **Westgard multi-rule logic**
- LQC also provides **EWMA** calculations (Exponentially Weighted Moving Averages), which highlight drifts that would not be seen with the standard Levey-Jennings chart
- Follow-up visually the change of target values on the same L-J chart
- **Compare QC results between instruments** or lots or levels by displaying multiple L-J charts
- **Import QC parameters** from most control suppliers' media
- Visualize **instrument hierarchy** (site, building, department, room, etc.)

Tool For Target Values

- Generate **your own target values** based on a customized study period
- **Trace changes of QC settings**, on L-J charts and as a list
- Visualize Levey-Jennings **simultaneously** with parameters for the study

* Requires Instrument Manager v 8.14 and higher*

DATA INNOVATIONS®
Simple Ideas, Better Solutions
www.datainnovations.com

inform.datainnovations.com
Doc ID 10317 | Version 1.0