

Your connection in optimizing  
workflow and data management

[EasyLink Informatics System](#)

Answers for life.

**SIEMENS**

# EasyLink Informatics System: The complete networking and data management solution to maximize performance and productivity

EasyLink™ now offers labs even more control of their workflow and operational performance. As a middleware IT solution, EasyLink offers multi-system, multi-discipline review of both patient and QC data from a single location, across the hospital lab or multiple hospital sites. EasyLink is scalable to manage increasing volumes and adapt to individual workflow needs so each lab has the opportunity to customize the system specific to their unique needs. The integrated QC package with real-time data access across instruments or sites, calculation of patient median, and QC alerts facilitates rapid troubleshooting, error reduction, and streamlined monitoring of instrument performance.

- EasyLink ensures consistency in the review of the patient results with features such as advanced autoverification, custom rule packages, rule prioritization, result & sample holds, and full integration between autoverification and QC rules. With expert results management, enhanced autoverification, reduced turnaround time (TAT), and minimized tech-to-tech variability, human-error potential is reduced and patient safety is improved.
- EasyLink's architecture and browser-based networking capability provides users a lower total cost of ownership. Labs can take on additional volumes and easily expand connectivity by adding more instruments and by offering more connections to multiple locations on a network.

Web-based applications offer remote access to data in EasyLink via networked PC's and enable support for up to 25 concurrent users accessing laboratory data stored in single system from anywhere on the network. As well as support for RealTime Solutions<sup>SM</sup>, instrument uptime is maximized and instrument performance monitoring is streamlined.

- Control of the lab is delivered back to the laboratory manager with immediate access to any element in the database. Delays in data retrieval for analysis purposes are eliminated providing independence from hospital IT/LIS departments for patient & QC reporting, compliance monitoring, trending or data mining.

## Your tech time is important

Preserve precious resource time and create a more positive work environment with streamlined patient and quality control (QC) data review and multi-system, multi-discipline consolidated data management. Improve workflow and minimize non-value added tasks with automated sample and results management applications. Ensure uninterrupted laboratory operations with laboratory information system (LIS) contingency. Focus operator time on critical results and activities enhancing the quality of patient care.

### Maintain consistency in results and achieve improved operational efficiencies

Automated results management multiplies the expertise in your laboratory for optimal performance in a LEAN™ environment. Efficient management of the entire patient/sample/result production process is achievable with time-saving features that preserve valuable tech time for more value-added activities:

- Expanded collection of validated Siemens instrument interfaces— Dimension®, IMMULITE®, ADVIA Centaur®, ADVIA® Chemistry, and Sysmex® CA series for patient and QC data consolidation facilitates easy review across multiple systems
- LIS contingency data management assures uninterrupted laboratory operations
- Autoverification reduces fatigue in the result review process and focuses operator attention on abnormal or critical results

- Custom rules-writing delivers capability for site-specific implementation of autoverification:

- Create custom rule packages or group specific rules for assays or instruments in the order of desired priority
- Write hundreds of rules in minutes from a single screen
- Select autoverification rules to:

- Hold results for QC failures, instrument flags, assay ranges, delta checks
- Hold individual results or results for the entire sample
- Add comments to results
- Provide instructions to operators ensuring compliance with standard operating procedures
- Copy, edit, import or export rules to easily share rules with other sites

- Adaptable interfaces with user-defined filters provide an easy way to help find the data you need, when you need it
- Document changes or deletions with Audit Trails
- Result interpretation support for specific diagnostic areas of plasma protein testing (OUS) via use of Protis® software onboard EasyLink



EasyLink raises the bar for performance and productivity

## Take advantage of integrated quality control

EasyLink offers you control like never before. Take advantage of easy access to any element in the database for QC monitoring and compliance, data mining, and external statistical analyses. Remotely access QC data in EasyLink at any site from any networked PC—including sites across the hospital network. A simple highlight or click produces a quick or detailed view of QC results by assay or control. A preview of the Levey-Jennings chart or graph offering a quick and easy process for comparing results across multiple levels, lots, instruments or sites is also provided.

EasyLink's integrated QC package supports auto-verification and simplifies your QC and compliance processes. Automated results verification reduces human error and removes subjectivity. Real-time remote access to data for monitoring instrument performance ensures optimal laboratory performance. Filters and alerts notify you of issues for easy exceptions monitoring.

**Patient safety  
only gets better**

### Quality assurance processes are further streamlined with EasyLink by:

- Consolidating management of QC across multiple platforms
- Integrating with the EasyLink Result Manager for autoverification
- Identifying QC errors automatically via use of standard Westgard Rules
- Adapting the system to meet facility needs:
  - Creation of predefined comments
  - Support for implementation of user-defined QC rules
  - Selection of user-specified trigger rules
  - Retargeting of controls using current statistics
  - Removal of data points from statistics, but not permanently from database

- Supporting export options in formats compatible with third-party QC vendor programs
- Providing flexible reporting options—generate Daily, Summary and Detail QC reports by assay or timeframe specified
- Delivering the ability to identify affected patient tests after QC failure increasing patient safety
- Ensuring compliance through required comments for changes/issues/errors identified
- Improving monitoring of instrument performance via calculation of patient medians across connected systems
- Generating QC alerts to ensure prompt investigation and resolution of QC failures
- Managing parallel lot testing via numerous control states (pending, ready, active, etc.)



### Leverage innovative system architecture built by Siemens—a proven IT partner

The EasyLink Informatics System brings labs the best and latest technologies in connectivity, remote and intelligent device management, quality control, innovative software applications and more.

EasyLink's architecture supports network-wide connectivity for remote data access via networked PCs. Supported configurations include:

- Single facility on Local Area Network with multiple access points
- Multiple facilities on same Local Area Network with multiple access points to multiple EasyLink units
- Multiple facilities on multiple Local Area Networks—but on same Wide Area Network using IP address routing between networks

Robust security features provide peace of mind that sensitive data is protected and safe:

- Secure protocols and protective firewalls
- Virus/Malware Protection onboard and updated weekly
- Protected patient information
- Audit trails documenting changes
- HIPAA-trained Siemens personnel
- System security certified by a third-party

Updates and alerts push information and help the operator focus attention on the issues at hand. Operators have access to the latest system enhancements:

- STAT Alerts
- System Errors
- QC failures
- Connectivity Alerts
- Web-based notifications
- Remote system software updates

Onboard Operator Guides include additional job aides such as animation and videos that cannot be delivered in a paper guide.

Context-sensitive Help and bookmarkable formats ensure operators are able to access the information they need quickly and provide a central location for the most updated information.

RealTime Solutions in EasyLink supports real-time instrument monitoring for proactive service\* and enables the Siemens service organization to monitor and predict many service issues before the laboratory is aware there may be a problem.

Real-time instrument monitoring and Proactive service\* leads to:

- Greater uptime and allows on-site service to be scheduled at a convenient time
- Reduction on the impact on daily operations
- Improved effectiveness of laboratory operations
- Assurance that the confidentiality of patient information and full compliance with privacy standards is maintained
- Streamlined instrument servicing
- Remote file transfers and automatic CPR reporting\*\*

Specimen storage and retrieval applications eliminate time wasted locating specimens.

- SpecTRACK® is an additional option that can be purchased and installed with EasyLink for labs to save time
- SpecTRACK can be used to track specimens received and stored across the laboratory

## EasyLink key advantages

### Seamless integration

- Flexibility to grow and expand with ease to meet laboratory needs
- Character set(s) to support all languages

### Streamlined and consolidated approach

- One data management system to efficiently manage laboratory data (patient and QC) across multiple systems

### Consistency and standardization

- Scalable system and software applications for non-automated or automated laboratory customers across sites, multiple instruments and disciplines
- Web-based applications and networking support with real-time access to data across sites for autoverification, QC management, analysis, trending and data mining standardization in a hospital network

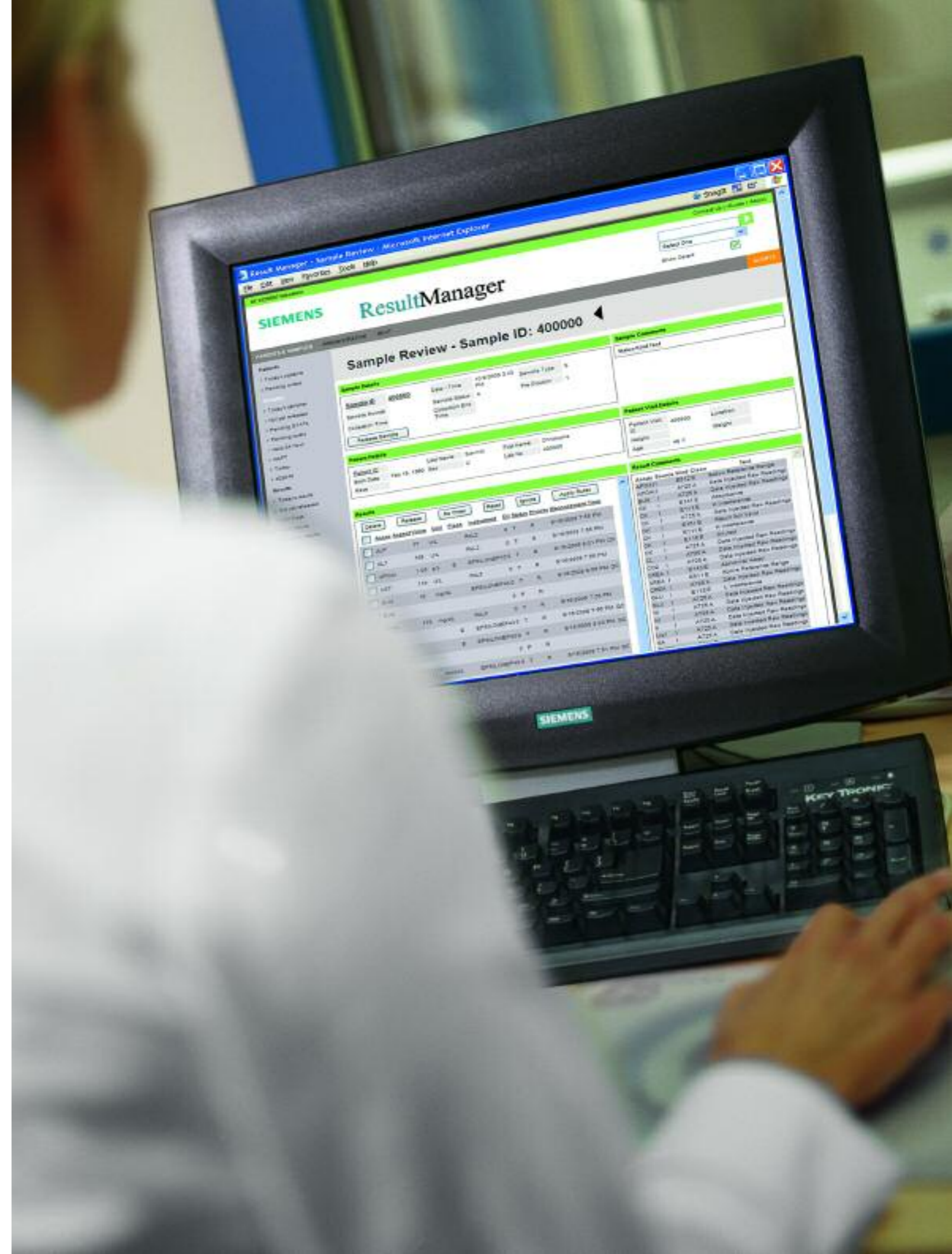
### Single source solution

- Consistent and single point of contact with appropriate level of service and support assures change control and streamlined installation processes
- Single vendor source means updates to instrument or other software won't impact product performance and you don't have to project manage installations

### Customer-focused innovation

- Built by Siemens, a proven IT partner, who offers complete solutions for the hospital along with commitment to continuous product performance and reliability enhancements driven by customer feedback and requirements

For more information on EasyLink Informatics System, please visit [www.siemens.com/diagnostics](http://www.siemens.com/diagnostics)



Siemens Healthcare Diagnostics, the leading clinical diagnostics company, is committed to providing clinicians with the vital information they need for the accurate diagnosis, treatment and monitoring of patients. Our comprehensive portfolio of performance-driven systems, unmatched menu offering and IT solutions, in conjunction with highly responsive service, is designed to streamline workflow, enhance operational efficiency and support improved patient care.

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