LABWORKS ES LIMS
Email & Web-based Reporting Options

The LABWORKS™ Report Designer tool employs the report writing functionality of the Crystal Reports industry standard format, allowing seamless integration to the LABWORKS ES LIMS database. LABWORKS users now have even greater flexibility with Web-enabled reporting capabilities.

AUTOMATED EMAIL-BASED REPORTING

The new LABWORKS ES LIMS allows unattended email-based customer report fulfillment. Using this approach, reports are emailed to sample submitters upon demand. Samples are logged into the LABWORKS software and emails

are sent to the sample submitter along with a confirmation number and due date for receiving sample results. Customers then request reports by replying to confirmation messages. The reports are then sent to the submitter's email address as PDF files.

Minimizes infrastructure, cost and training

LABWORKS ES LIMS users benefit from minimal system requirements. The only prerequisites include Crystal Reports and a Microsoft® Outlook® mail application installed on one workstation.

Users may receive email reports without the need for a Web server, login account management or

Key Features/Benefits

Email-based Reporting

➤ Minimized infrastructure, cost and training

➤ Flexible, maintainable solution

➤ Customer privacy protection

Crystal Enterprise Reporting

➤ Accessible via Intranet or Internet

➤ Browse reports at any time from a single location

➤ Multiple users can view the same report

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precisely.

training. With Report Designer, users only need Microsoft Outlook on one workstation, so they have the ability to open and reply to their email.

Flexible, maintainable solution

LABWORKS ES LIMS email reports are created independent of a customer's hardware or operating system. Users have a choice of email programs, some which are free, and secure accounts for privacy and confidentiality of secure data. Finally, the email option works equally well for established and one-time only customers.

Safeguarding your information

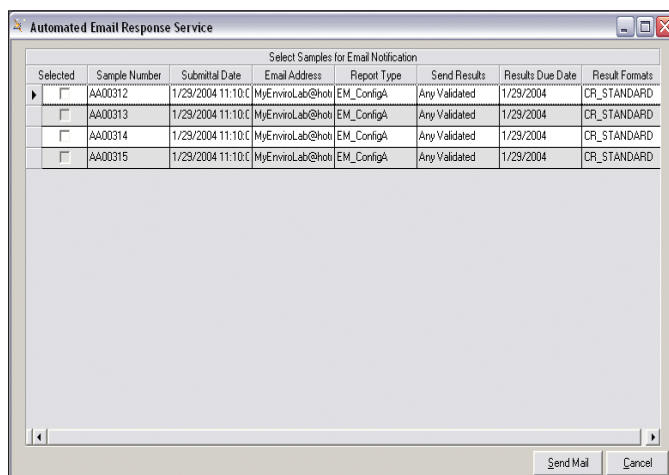Customer privacy is protected on both sides of the email transaction. The Sample IDs, confirmation numbers and email addresses must all match and reports are only sent to specified email addresses in response to a valid confirmation message. Users do not have to worry about protecting the security of their database since there are not external connections to the LABWORKS ES LIMS database nor assignment or management of customer passwords. All components are protected behind the firewall. In addition, event logs and report archives capture all activity.

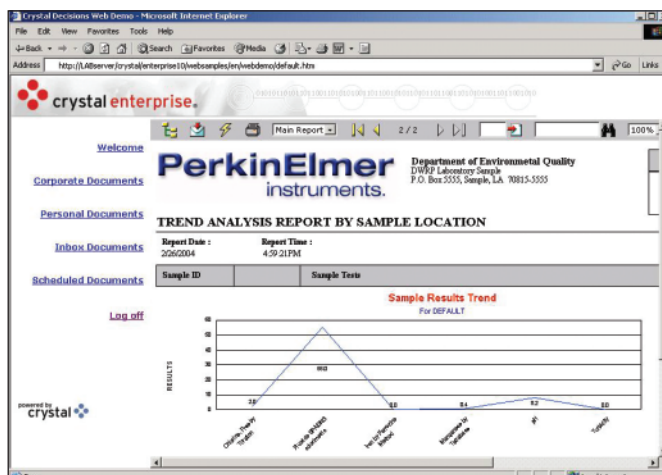## WEB-BASED REPORTING USING CRYSTAL ENTERPRISE

LABWORKS ES LIMS users also have the choice of requesting reports via a customer's Intranet or through the Internet. This option uses the Crystal Enterprise software from Business Objects. Using this approach, LABWORKS ES LIMS reports, based on Crystal Reports technology, can be posted to any Enterprise Web server from the LABWORKS Report Designer. Users can easily browse their reports on the Web server and the Crystal Enterprise tool manages the user security and permissions.

When using Crystal Enterprise, LABWORKS ES publishes a Crystal Report, and Crystal Enterprise handles the rest. As a result, LABWORKS ES users can access their data from any computer at any time and view it from a single location. Multiple users can also view the same reports as needed.

From the Automated Email Response service dialog, select a Results Report template for each sample you wish to email.

LABWORKS Trend Analysis Report created using the Crystal Enterprise, web-based reporting tool.

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