



## Technical Datasheet

# IntelliPRINT Reporting

## Product Description

IntelliPRINT Reporting is a native reporting solution for Lotus Notes & Domino that enables Notes developers to deliver extensive reports with visualization capabilities within the collaborative Notes & Domino framework.

## IntelliPRINT Reporting Product Suite

**IntelliPRINT Reporting Designer for Notes** - Enables report designers to create and deploy standard and parameterized reports for Lotus Notes Databases with real-time data WITHIN the Lotus Notes client. IntelliPRINT Reporting leverages all native Notes functionality, including ACL definitions and can be launched from the Actions menu or from a Notes View Action button.

**IntelliPRINT Reporting Viewer for Notes** - Enables business users to view pre-defined reports and charts from specified Lotus Notes Databases as tabs WITHIN the Lotus Notes client. Users can launch reports from the Actions menu or from a Notes View Action button.

**IntelliPRINT Reporting for Domino** - Enables web-based viewing of reports created using IntelliPRINT Reporting Designer and published to Domino applications. IntelliPRINT Reporting Domino enables users to view reports using the browser.

## Current Product Version: 5.5

## Key Features

### Native to Notes and Domino

IntelliPRINT Reporting is available inside Lotus Notes & Domino and uses native Notes APIs to retrieve data. It supports native Notes features like Notes scripts, @DBLOOKUP functions, other @Formulae and more. In addition, to ensure seamless integration with Notes infrastructure, the report templates are stored as .nsf documents along with the Notes database, enabling replication and easy re-use.

### Data Security & Integrity

IntelliPRINT Reporting inherits Notes ACLs and provides identity based and record-level security in report data.

### Enhanced WYSIWYG Report Creation Interface

IntelliPRINT Reporting offers a drag-and-drop What You See Is What you Get report creation interface. This enhances Notes Developer performance by enabling them to easily create simple and complex reports in minutes.

### Wizard-Based Report Creation

IntelliPRINT Reporting introduces a Wizard-based Report Creation process. This enables even beginners to create basic columnar and grouped reports with design-time data filters in just a few clicks!

## Flexible Report Creation

IntelliPRINT Reporting allows report designers to create reports from Notes views, selected documents in a view, multiple views in a database and multiple Notes databases.

## Visual Query Builder

IntelliPRINT Reporting offers a Visual Query Builder that enables report designers to easily add columns and fields to the report using simple drag-and-drop and point-and-click operations.

## Advanced Charting Module

IntelliPRINT Reporting 5.4 introduces a new charting module that empowers users with powerful data visualization capabilities. The charting module comes with new features like inclusion of Multiple Y-axes and enhanced data visualization for end-users. IntelliPRINT Reporting 5.4 supports the viewing of reports created in earlier versions of IntelliPRINT Reporting (4.x, 5.1 and 5.2).

## Custom Colors for charting

User-defined data visualization with the ability for users to define their colors for charts and also define conditions to display data that match the condition in specific colors

## Charting based on grouped data

Enhanced data visualization with group-based charting that displays visualization based on grouped data when the chart object is placed on the "Group Footer Band"

## User-interface (UI) based linking of Views to create Linked Reports

IntelliPRINT Reporting 5.4 enables users to create reports by linking multiple views without using Notes Formulae. The new Master-Detail linking feature allows users to link views using an interactive GUI. This eliminates the need for LotusScript skills and enables even end-users to create reports from multiple views.

## Viewing Reports with data from Multiple Views / Databases - Performance Enhancement

IntelliPRINT Reporting 5.4 delivers an enhanced and more efficient data retrieval process for viewing reports with data from multiple views / databases, which significantly improves report generation time and hence, user productivity.

## Creating reports based on 'Full Text' Search results

Using the "Full Text" search functionality, users can query a Notes database for every occurrence of a search string and use the search results for report generation. This provides users with the ability to easily generate reports based on the occurrence of a data element or value present anywhere in the Notes document, which is not possible to do using Filters alone.

## Viewing Reports from Local replicas of the Database

IntelliPRINT Reporting 5.4 has the capability to connect to a local replica of the database, since it does not require a database path to be stored. This enables users to view reports from a local replica of the database, when not connected to the server.

## Report Export Formats

IntelliPRINT Reporting allows users to export reports to a wide range of output formats including PDF, JPG, HTML, XLS, CSV, RTF, BMP, GIF and TIFF. This ensures easy report distribution and flexibility to use report elements in presentations and documents.

## Multiple Report Types

IntelliPRINT Reporting allows report designers to create a wide range of reports with their Notes data, including columnar, tabular, cross tab and custom reports.

## Sub Reports

IntelliPRINT Reporting allows report designers / developers to embed a report within a report. Developers can use this functionality to embed additional data in certain areas of the report.

## Multi-level Cross-tab Reports

IntelliPRINT Reporting enables users to create multi-level cross tab reports with a user-friendly drag-and-drop cross-tab wizard. This offers a powerful way to create summaries of huge data and is ideal for comparative analysis.

## Multi-value Grouping

IntelliPRINT Reporting enables report designers to group multiple values as categories. Users can view data in convenient groups and categories to address unique business needs.

## Unicode Support for Dataset

IntelliPRINT Reporting currently provides Unicode support for the dataset alone, whereby the report data can be in more than one language at a time. Users can create reports that support multilingual dataset.

## Support for Formula Language

IntelliPRINT Reporting incorporates a new language expression providing an extensive function library, a powerful scripting engine, and an array of mathematical, logical & other operations. These enable providing client-side intelligence to reports.

## Report Scheduling and Distribution

IntelliPRINT Reporting enables report designers to generate reports on a scheduled basis with automatic execution and distribution.

## Report Deployment (Web/Client)

IntelliPRINT Reporting offers an extremely easy-to-use report publishing mechanism. Users can view reports on a browser or Notes client, and access or process data quickly and accurately.

## Data Filters

IntelliPRINT Reporting allows users to filter records at the dataset level, in design time. It also offers an API to integrate scripting to support Run-time filters.

## Support for Lotus Notes 8.X

IntelliPRINT Reporting is ND8 compatible, leveraging Lotus Notes' new functionalities, compelling new user experience that can help you increase effectiveness, improve efficiency, and speed your decision making processes.

## Integration & Security

### API Support for Notes/Domino Application Integration:

IntelliPRINT Reporting Designer provides APIs, which can be used to integrate reports with the Notes & Domino applications using native Lotus Script. These APIs can be invoked for viewing reports, exporting the report output and for printing.

### Filter Framework:

IntelliPRINT Reporting Designer provides both design time and runtime filtering functionality. The run-time filter framework can be integrated using APIs to pass filter values selected by users before running the report. The design time filter is used to limit the data set associated with the report object and is specified by the developer at the time of report design.

### Data Security & Integrity:

IntelliPRINT Reporting inherits Notes ACLs from the Notes/Domino application and provides identity based document-level security in the report data.

## System Requirements

### IntelliPRINT Reporting for Notes

Software	
Operating System	Windows XP, Vista, 7 x32
Lotus Notes Client	6.x, 7.x, 8.x
Browser plug-in	Adobe Flash Plug-in 8.0 or above
Hardware	
Processor	Intel Pentium or compatible
Hard Disk	Minimum 100 MB
RAM	Minimum 512 MB

### IntelliPRINT Reporting for Domino

Software	
Operating System	Windows 2000 and 2003
Lotus Domino Server	6.x, 7.x, 8.x
Browser	Internet Explorer 6.x, 7.x, 8.0
Browser plug-in	Adobe Flash Plug-in 8.0 or above
Hardware	
Processor	Dual Core Processor or higher
Hard Disk Space	Minimum 100 MB
RAM	Minimum 1 GB

## Licensing

**IntelliPRINT Reporting Designer / Viewer for Notes:** Named User

**IntelliPRINT Reporting for Domino:** Named User/Processor based

### User License Types

IntelliPRINT Reporting is available with modular functionality. An overview of the available user license types is provided below.

**IntelliPRINT Reporting Viewer:** Viewers can view pre-defined reports.

**IntelliPRINT Reporting Designer:** Designers can create reports and make them available to users within Notes/Domino applications. The Report Designer is only available on the Notes Client and is not available on the browser.

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