

# SUPERREPORT PRO

Last Update: October 16, 2007

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## Release History

### REQUIREMENTS:

- SuperReport Pro 2.8 requires 4th Dimension v2003 or greater and requires new registration numbers (previous SuperReport Pro registration numbers will not work with this release).

Version 2.8 - October 16, 2007

Version 2.7 - May 30, 2007

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## Introduction

Welcome to SuperReport Pro™ 2.8, the most complete reporting tool for 4th Dimension, providing native support for 4D 2004 and Universal Binary support for 4D v11 SQL. This document outlines any last minute changes to SuperReport Pro.

For more information about upgrading to SuperReport Pro, please contact our sales department.

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## Compatibility Information

SuperReport Pro™ is compatible with 4D/4D Server 2003 or greater and has been tested with the latest version of 4D 2004.x (current release of 2004.6 at time of release). SuperReport Pro™ is compatible with Macintosh and Windows clients.

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## Change History

### October 16, 2007 - Version 2.8

- Universal Binary, runs natively on 4D v11 SQL
- Removed 128 Table Limit
- Added support of using 4Ds internal print settings record when printing SuperReport Pro print jobs. You must first call the 4D PRINT SETTINGS command, followed by using the new SR Print Option 4DPrintSettings (8) attribute for the various SuperReport Pro print routines.

**Example:**

The following example will demonstrate how to use the 4D PRINT SETTINGS with SuperReport Pro print routines

**PRINT SETTINGS**

```
$options:=SR Print Option 4DPrintSettings^(8)
```

```
$sections:=65535^all
```

```
For($i;1;$limit)
```

```
    $result:=SR Print Report(pReportData;$options;$sections)
```

```
End for
```

- Updated to operate natively with 4D v11 (Universal Binary support)
- Updated to work in .bundle format with 4D 2004 or greater
- Removed 128 table limitation

**May 30, 2007 - Version 2.7**

- Fixed issues related to using SR Preview and closing window. In the previous build, we made some internal modifications to the SRP event cycle, which caused some problems when executing code in the 'End Script' phase. This update should cure those issues.
- Fixed some long standing issues when using SRP on Windows, related to intermittent crashes when using the SRP dialogs.
- Fixed a crashing issue when using Database Scripts (Before, During, After) on Windows.
- Fixed issues when using SR Print To Disk (or Print File from File menu) where information would be duplicated on page break sections, or blank lines would be displayed.
- Fixed issues which would cause SRP to appear frozen when performing Print Preview.
- Fixed crash modifying object properties (after duplicating objects).
- Fixed crashing issue when preview a report with blank objects or no record selection
- Fixed crash related to SR Get Area (Windows only) which manifested in 2.6.5r1 beta release.

**November 10, 2006 - Version 2.6.5**

- Corrected routine description for

```
- SR SetPrinter
```

```
- SR SetDestination
```

These routines do NOT require the previously outlined area parameter (see below for a revised routine desc)

**November 6, 2006 - Version 2.6.5**

- Corrected crashing issues when using SRP in demo (non-registered mode) which would cause SRP to crash when trial dialog is displayed.
- Removed some left over debug code that was inadvertently left in the 2.6.4 release, causing some unexcited behavior while using SRP editor.

**October 27, 2006 - Version 2.6.4**

- Added ability to output reports documents directly to PDF (MacOSX ONLY)

There are two new commands: SR SetPrinter and SR SetDestination.

**SR SetPrinter (printerName:S) -> result:L**

works like 4D's SET CURRENT PRINTER command, and can accept printer name received with 4D' PRINTER LIST command, but there are important differences between 4D and SRP command and between Mac and Win implementation.

On Mac, the command set current printer for given area, so all other prints - of other areas or done by 4D - will still go to default printer. On Windows, it sets application-wide default printer, so all prints will go to set printer.

SR SetPrinter tries to set a printer with passed printer name, and in case of error it returns the error it received from system.

**SR SetDestination (destination option:L {;printpath:S}) -> result:L**

This command works only on Mac OS X. Similar to SR SetPrinter, it has effect only on area passed in first parameter. Second parameter can be one of following constants (see SR Pro Options constants):

destOptions - defines the destination location

- 1 - printer
- 2 - document file (use document filename)
- 3 - fax
- 4 - preview

The following constants have been defined

- SR PrintDestination Printer
- SR PrintDestination File
- SR PrintDestination Fax
- SR PrintDestination Preview

In case of SR PrintDestination File (2), command accepts optional path to output file.

Example:

If you wish to print the output to a PDF file, perform the following

```
$ret:=SR SetDestination(SR PrintDestination File;"report.pdf")
$ret:=SR Print(eReport;0)
```

- Fixed crashing issues when opening SRP editor on Windows reports which contains large amount of objects.
- Fixed a printing issue when text objects contain foreign characters (ie ASCII 10) on Windows.
- Corrected printing issues on Windows where only first page of report is printed.
- Enhanced SRP dialogs which allowed script editing to include a standard splitter objects so that users can resize each section to better display scripts and associated database objects. This enhancements includes:

- Section Editor Dialog
- Field Editor Dialog
- Variable Editor Dialog
- Standard Script Editor Dialog

- Adjusted all objects so that they will look correct when using alternate default font (4D Styles) such as Lucinda Grande 12pt on MacOS X.
- Fixed a bug which would not allow users to select enhanced printing options such as Paper Feed (MacOS X only).
- Fixed a when using MacOS X native PDF output generation (Save As PDF...) from dialog.

**IMPORTANT NOTICE:**

The above fixes will require internal modifications to the report objects which are NOT backwards compatible with older versions of SuperReport Pro.

- Removed the 2048 object limitation on report templates.
- Fixed a bug which would cause SRP to display an "Unable to load Thread" error message when accessing various portions of the SRP interface within the SRP Editor on Windows. This error has only been reported on Windows XP installations.
- Fixed a bug when closing an external window under MacOS X.

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## Technical Support

Technical support for PowerTools will be provided via electronically via e-mail or our online support reporting system. You are encouraged to use the online web reporting form as it will be correctly routed to the appropriate support personnel.

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