

TECHNICAL Information



NUVU REPORTING SUITE



The report designer is a WYSIWYG (What You See Is What You Get) graphical tool which allows the user to quickly and easily design report definitions that transform traditional legacy (text-based) reports or XML documents into graphically rich reports.

Essentially, **NUVU** reads text (and XML) output from your application, filters it through a template that you can easily create, and then changes the output into a modern print, fax, PDF or email layout that your customer demands. Templates are stored on the **NUVU** server and a windows client with access to the necessary output mediums is all that is required. The perfect solution for professional reports and standard business forms, including those forms that require the purchase of pre-printed stationary, E.G invoices, statements, purchase orders, quotes, letters, picking slips, delivery docketts, and cheques. All this can be achieved without any additional programming. **NUVU** also has the ability to reformat data, include graphics like company logos, and barcodes. **NUVU** is fast and easy to use.

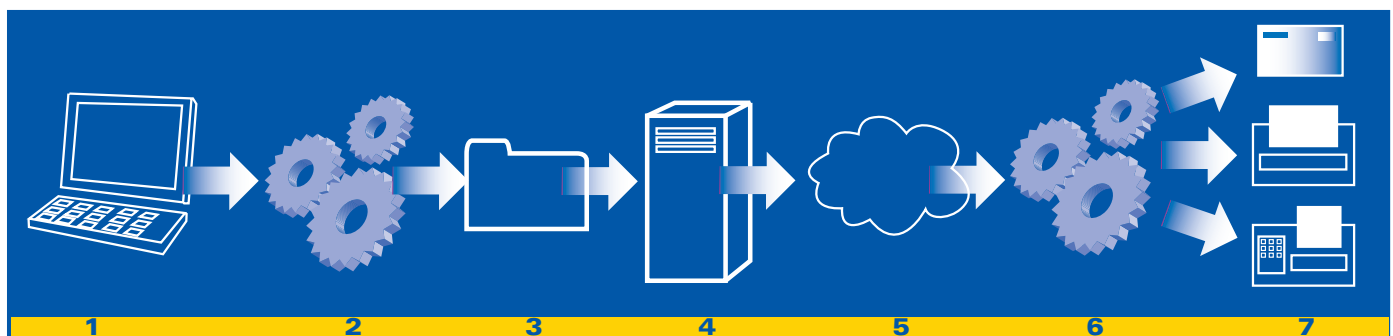
Report definitions are created for each type of report which needs to be converted. Each of these report definitions are saved automatically with an associated .rbd file extension.

The **NUVU** Engine is a combination of the rbd_find utility and the rbd_prepare utility, and can be run on any windows server operating system (Windows 2000 Professional, Windows XP Professional, Windows 2000 Server, and Windows 2003 Server). The **NUVU** Processing engine is used in ALL **NUVU** deployments.

It is IMPORTANT to note that the **NUVU** Processing Engine resides on a Windows platform by default ONLY. The **NUVU** Processing Engine is available natively on various Linux and UNIX platforms, but this mechanism is to be deprecated in future versions of the **NUVU** Reporting Suite.

The **NUVU** Processing engine will transform an initial raw text report into the corresponding **NUVU** report instance, ready for graphical rendering and delivery to the advised destination (being email, PDF, fax, printer, and view etc).

A schematic of the NUVU Engine process is shown below, together with an explanation of the internal processing that occurs:



1 Client (PC or dedicated terminal) requests the advised text report.

2 Application server produces the advised text report and saves it to a nominated folder **3** together with an optional configuration file that contains destination information for the corresponding raw text file. If the optional configuration file is not advised, then the default printer advised in the NuVu configuration Wizard will be used.

4 The NuVu Poll Server picks up files dropped into the nominated folder (together with any associated configuration file), and calls the NuVu Processing Engine **5** to produce a NuVu reporting instance (.rbi file), before calling the 'rbd_preview' utility **6** to render the report graphically, and deliver it to the nominated destination **7** (Example: Fax, Print, Email etc).



NUVU

REPORTING SUITE

Features

- An integrated WYSIWYG Report Designer tool, including:
 - Visual field mapping
 - Reads XML
 - Integrated Fax Cover Page designer
 - Wizards to assist in automated design creation
 - Ability to reuse Templates in other designs
 - Ability to place text, fields, down-fields, rectangles, editor boxes, lines and graphics onto the designer canvas
 - Use any true-type fonts, including specialist Barcode and MICR fonts.
- Delivers graphically rich reports (GUI) in a character terminal environment.
- Bundled Poll server - allowing files to simply be dropped into a nominated folder for further automated NUVU processing. No programming required.
- Bundled Fax server - allowing for seamless faxing of prepared NUVU documents.
- Export displayed results directly into your favourite spreadsheet program, PDF and other formats.
- Email to multiple destinations, fax or print converted reports.
- Automated document 'blasting', where pages are scanned for fax and email fields, and the relevant pages are split and faxed and/or emailed to the identified recipients.
- Powerful searching and zoom capability when viewing reports.
- Free viewer software for client deployment, or alternatively output to PDF format.
- Common Barcode formats natively supported.
- Powerful conditional formatting capabilities - adds intelligence to reports
- Integrated Fax Server, PDF output and Email delivery - no more to pay
- International character set support - ability to convert reports to other languages without changing your application code
- Small footprint

Designer Requirements

Windows PC - with Windows 2000 operating system or above.
512MB of memory. Screen resolution 1024x 768.

FAQs

What operating Systems does NUVU support?

Windows2000, Windows 2003, Windows XP PRO, UNIX including Sco, AIX, Tru64, Linux and SUN.
NUVU can be integrated with AS400, IBM Mainframe OS, Pick and Multivalue, etc.

What's required to integrate NUVU into an application?

Minimal, if any programming is required to implement the Polling engine. For a fully integrated model, NUVU needs to be called via a command line. For more information see www.sterlandsoftware.com

What kind of printers will NUVU work with?

Any Windows compatible printer, including colour printers.

How easy is it to create a NUVU document?

NUVU has a user friendly interface. It requires low technical skill and includes a tutorial and design wizard with the package, along with examples.

Do I have to fax/email my whole print run?

No. With NUVU you can selectively determine the delivery of each separate document or use any combination of print, fax PDF or email. This means you could deliver an email only to those customers able to receive them and print the rest to be posted later, all without altering your original report.

Can NUVU documents be viewed where NUVU is not present?

Yes - a free previewer can be sent with the document or the document can be distributed in PDF format.