



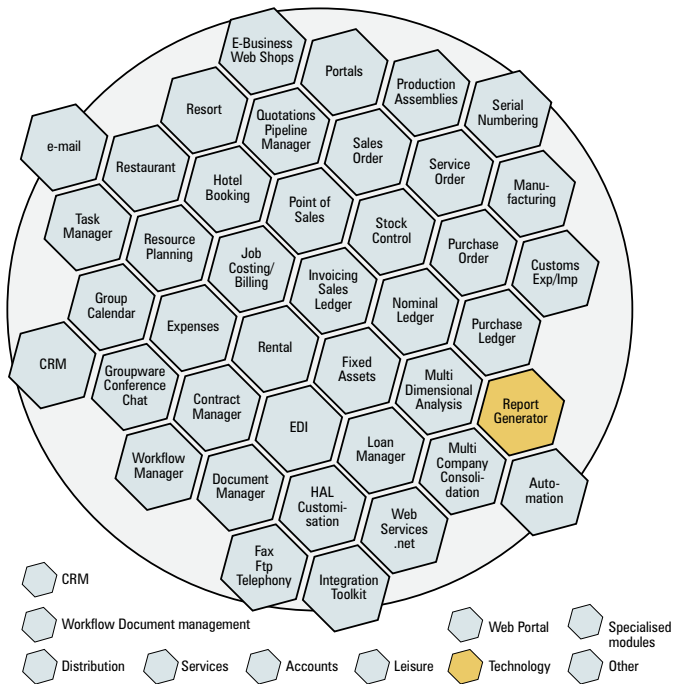
HANSAWORLD
ENTERPRISE

Reports

Use HansaWorld's reporting tools to access data and improve your decision making processes.



www.hansaworld.com



Hansaworld Honeycomb – ERP, CRM, e-Business, Accounts – All in One Integrated Solution

HansaWorld provides several methods for you to access your data:

- Standard library of reports.
- Nominal Ledger report generator.
- Report Generator module, for defining your own reports without specialist programming.
- HAL Reporting tool, for programming reports.
- Relational Database tool allows you to store HansaWorld data in either MS SQL or IBM iDB2 databases, opening up the data to any other reporting tools.

The first four options all draw on other advantages of the HansaWorld engine:

- Reports run by any user can be attached to any record within HansaWorld, such as internal mails (where the recipient is known), or within Conferences (for picking up later by undefined persons).
- The underlying reporting engine is one of the fastest on the market, ensuring reports are calculated quickly.
- The delivery of data uses HansaWorld's unequalled data transfer mechanism, which ensures that reports can be run sufficient quickly even by remote users. Also all such reports are encrypted, keeping secure your sensitive reporting data.
- The HAL Programming tool allows reports to be run automatically on the occurrence of an event (for example an exception report whenever an invoice is saved that takes a customer close to or over their credit limit), or at a given time of day (usually during the night).

Standard Library of Reports

Each module in HansaWorld has a library of dozens of reports. Each report can be run in numerous combinations, giving the user thousands of different report selections. The library is provided as standard with each module purchased - the result is that most companies with simpler business requirements have all of their reporting requirements supported. Users can run the required reports to screen (the default), to printer,

or to file - for immediate opening in most modern business applications, including spreadsheets and text editors.

Nominal Ledger Report Generator

The core accounts module ships as standard with a tool for laying out various of your Nominal Ledger reports, including Balance Sheet, Profit & Loss, Key Financial Ratios and VAT Reports. This provides huge flexibility in the presentation of these key reports, allowing you to:

- create your own report formats extremely quickly
- create multiple levels of grouped accounts (for example Current Assets, Stock, Widget Stock), and report at each level of detail
- group even non-discrete selections of accounts (for example 1000-1999, but also the 3125 account)
- handle debits and credits dynamically, for example classifying a bank account in current assets only when you are in funds
- add lines of text wherever required
- perform simple mathematical calculations
- set up static data such as square metres (of a shop or warehouse), and use this data for ratio reporting.

HansaWorld allows you to create up to 6 different Balance Sheet and Profit & Loss Report formats, and 16 different Key Financial Ratio formats. Provide special formats to auditors, banks and other external parties, as well as having numerous formats for internal reports.

Reports created in this way can be run on actual figures for selected period, year to date, budget, revised budget, prior period, and prior year, with a wide variety of other selection criteria (such as for specific analysis codes, currencies etc.)

HAL Reporting Tool

The HAL Reporting tool is an optional enabler to allow the user to run reports that have been created by a HAL (Hansa Application Language) accredited programmer. HAL is an extremely rapid deployment development language, allowing programmers to create highly flexible, complex reports quickly and simply. Programmers can use any text editor to create report definitions that can be run on HansaWorld data. HAL reports are simple to read and understand by programmers, most particularly not just the programmer who created the report - and so amendments to the reports are also simple to perform, as are upgrades.



Advantages of HAL include:

- reports are run from within required modules.
- reports are on real-time data, so you get to understand exactly how your business is performing NOW.
- drilldown can be to source records, to other reports, or to run any other piece of HAL code (for example to enter data to other records).
- upgrades are extremely simple, usually requiring no more than ensuring the HAL files are in the right location to launch.
- the programmer has complete control over which data appears where on a report, and what manipulations have been applied to the data for reporting purposes. date, on numerous selections including location and item group, based on a range of valuation methods including FIFO, weighted average, LIFO and selling price.

Report Generator Module

This optional module is provided for users to create their own reports, without the requirement to get a complete understanding of the HAL reporting language.

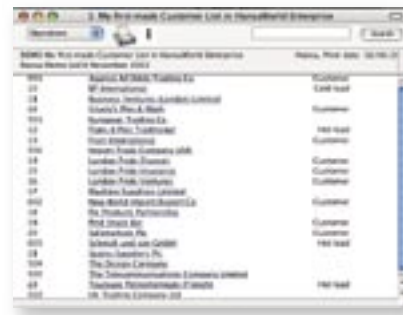
Many of the advantages of this module are also shared by the other HansaWorld report generators:

- single application, single server - reports are run from within HansaWorld, so there is no need to link HansaWorld data to any other database. This ensures simplicity, and simpler management. For example, reports can be run by clients logging in from remote locations, whereas it is usually difficult or impossible to achieve this when an accounting system is linked to an external data source and/or reporting tool.
- fast reporting engine/scalability - HansaWorld's underlying reporting engine is extremely fast, and written with a parallel reporting architecture that ensures other users are not noticeably affected by most reports that are run.
- drilldown - drilldown can be added to open source records, simply by checking a box.
- real-time - all reports are run on live data. Behind the scenes HansaWorld has powerful version control, to ensure that all data on a specific report is consistent at a given moment in time, regardless of how long the report is.
- quick to create - report definitions can be created immediately, and run at the click of a button.
- reports can be run to screen, printer, file, queue, or clipboard.

Other advantages are more specifically relevant just to the Report Generator module:

- Report definitions include the possibility of opening selection windows when run, to allow the user to select subsets of data.
- Report definitions are saved just like other records in HansaWorld, and can be run at any time.
- The Duplicate button allows an entire report definition to be copied, and the resulting record then edited, for fast and simple creation of a range of similar reports.

- The Report Generator module has a very fast methodology for creating reports that draw on data from multiple registers within HansaWorld Enterprise.
- Mathematical formulae can be applied to any of the data in reports.
- HAL programming code can be applied at various points in reports, to allow complex yet extremely flexible manipulation of data.
- The Report Generator module is supplied with sample reports, giving the user greater understanding of how to create reports, and also a ready-made base from which to develop similar reports.
- A text button allows plain text to be added anywhere on a report.
- Reports are split into different logical areas, such as headers, subheaders, body and footers. It is simple to position data and text in any part of the report.
- The Report Generator module is the fastest way within HansaWorld Enterprise to report on Settings, such as user-defined tables of Customer or Item Classifications, and Base Currency Exchange Rates.
- Data fields are positioned on reports with automatic snapping to position, making it fast to lay out your data.



Advantages of the Report Generator module over HAL Reports are:

- reports can be created without recourse to a HAL accredited programmer.
- summary reports can be created within seconds (for example the balance on the Sales Ledger, or Stock).
- wider reports can be created, and scaled back to the size of the paper printout (if it is necessary to output to paper at all).
- report definitions are held within the HansaWorld database, so are included in backups, are readily duplicated for creation of similar reports, and can be transferred simply to other HansaWorld databases. Report definitions are also automatically included in an upgrade.
- the appearance of data can be readily formatted, with control over fonts, italicization and alignments (some elements not available in early releases of the Report Generator module).

Reports

All in one

With HansaWorld software, your front office and back office are totally integrated so that they function as a single, powerful tool for all employees. There are more than 45 fully featured modules covering the key business areas of most organisations, allowing you to concentrate your data in one database. Having a single datafile improves the consistency of your data, and lowers the total cost of ownership by reducing the cost of upgrading. Users can choose to run the HansaWorld client software on any Windows operating system, from 2000 to XP, Pocket PC, Mac OS X and even Linux GUI solutions. The HansaWorld server can be run on Windows XP and 2003, Mac OS X, Linux, Unix and IBM OS/400. The preferred hardware for servers is an IBM eServer (xSeries, pSeries, iSeries or zSeries) or xServe (or G4 in smaller installations).

With the HansaWorld Portal and e-business solutions, you can extend the community of users beyond your own employees, by giving customers, prospects and other partners carefully controlled access to data via a web browser.

Contact your partner

To learn more about HansaWorld ERP and CRM solutions contact your local HansaWorld office or distributor or a Certified HansaWorld Business Partner. HansaWorld offices and/or distributors are located throughout Europe, South America, South Africa and the Middle East. A list of HansaWorld offices and distributors can be found at the Country link on our website, www.hansaworld.com. Details about local Certified HansaWorld Business Partners can be found at the Countries link at www.hansaworld.com.

Company profile

HansaWorld is a major international software company specialising in business applications. The group has 130 employees in offices in Europe, South America and South Africa. Distributors are also found in Europe, South America and the Middle East.

HansaWorld's advanced and successful user interface was first developed for Apple Macintosh in 1988. In 1994, when the program was ported to Windows, it had already been proved by thousands of users. HansaWorld's experience with international sales and modern technology puts it in the perfect position to meet the challenges of the next decade.

HansaWorld provides a wide range of technologies for e-business including internal and external e-mail, several webshop solutions and PDA support. In addition, HansaWorld can help to build a corporate portal. HansaWorld is developed using C++ as its programming language, and proprietary technology for database design and for network communication.

This allows HansaWorld to have the same products available for several different operating systems, each version optimised for maximum performance. Currently HansaWorld is available for Windows 2000-XP, including Windows CE, Mac OS X and Unix, including Linux and OS/400. HansaWorld is IBM eServer proven, running on xSeries, pSeries, iSeries and zSeries.

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