

**MONARCH**

Standard & Pro

10.5

Business Intelligence

Monarch V10.5 Adds an Entirely New Dimension of Compliance, Auditing and Reconciliation Capabilities to the World's #1 Report Mining and Analysis Tool.

Welcome to the End of “Spreadsheet Hell”!

The reporting ills of organizations centering on what is often called “Spreadsheet Hell” or “Spreadmarts” are legendary. Managers, auditors and compliance personnel all need easier, better ways to answer the common questions around spreadsheets: *Where does the data come from? Is the data accurate? Has it been tampered with? How can it easily be audited?*

Tens of thousands of Datawatch customers use Monarch technology every day to quickly, easily and non-programmatically convert their corporate information (usually reports) into Excel spreadsheets. With Monarch V10.5, Datawatch helps organizations meet the increasing need to understand the data lineage of their spreadsheets for the purposes of compliance, auditing, reconciliation and just plain accuracy.

Compliance Issues Using Excel

Excel files have gained a questionable reputation for their use in financial reporting and financial management due to the difficulty of identifying data provenance. What's more, the traditional management and administration issues faced by organizations dealing with large numbers of discrete files—which are often the collaboration of multiple authors—present additional challenges.

Excel Services is an effective solution for addressing some of these issues—including to some extent data provenance when using database sources. Most Monarch users leverage reports as the source for their Excel files, therefore Datawatch developed a solution to eliminate the gaps caused from sourcing data from reports.

Key Features

- **Allows inclusion of source report files in an XLSX/XLSM export** so Excel users can easily jump from the spreadsheet to the trusted source data, and review or compare
- **Allows Excel users to easily view, find, copy/paste, and print the source report within Excel**
- **Allows for embedded digital signatures in XLSX/XLSM exports** for enhanced security and integrity
- **Compatible with Windows 7**

Excel Compliance and Reporting Made Easy

New Monarch V10.5 gives users the ability to include a full-fidelity XML representation of the original source report with any Excel file (XLSX/XLSM) created from that report. In other words, *the source data* for the Excel file *travels with* the Excel file—making it easy to compare and reconcile the spreadsheet and its source.

Monarch now becomes an even more valuable tool for providing useful reporting throughout the organization. Corporate information can be delivered in the format users want (Excel) along with the original report source(s) for viewing, compliance and auditing—free from programming, database work or altering any current system output.

Excel Users Can See the Original Report Data

In addition, Datawatch developed Monarch Context™, a free, downloadable Add-in for Excel which can be used to sync the data in the Excel spreadsheet back to the source report and visually display the source report for the Excel user. Monarch Context offers a similar experience to the Monarch Report View, providing the ability to view, explore, find, copy and paste, and print the source report all from within Excel.

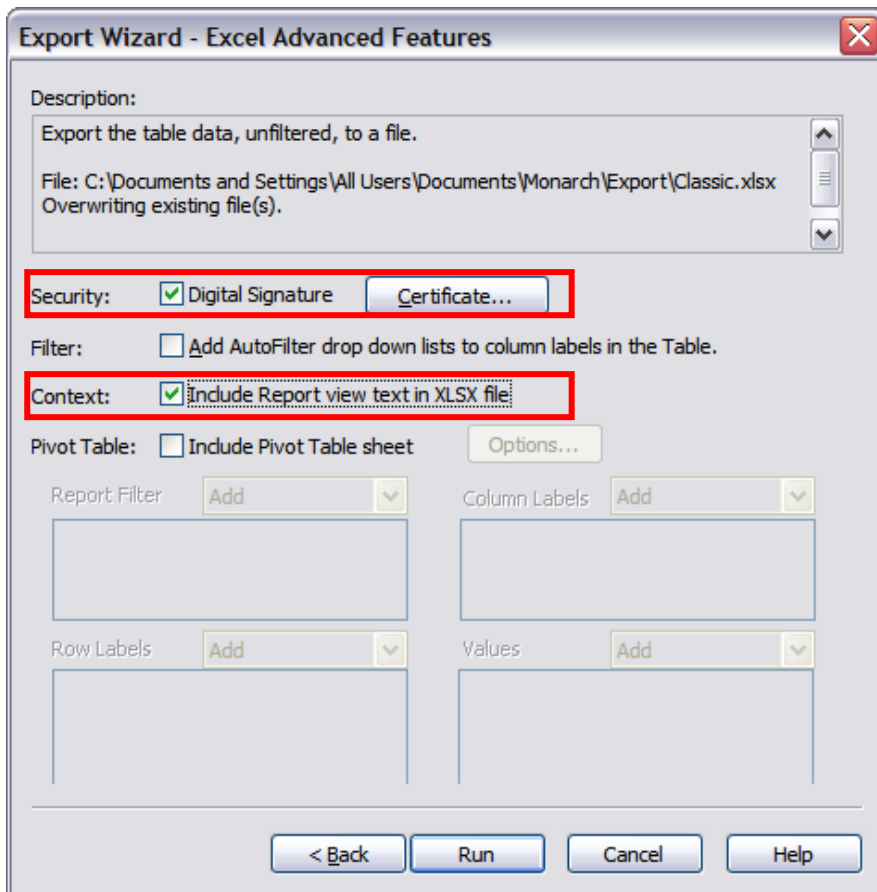
The screenshot shows a Microsoft Excel spreadsheet with a Monarch Context window open. The spreadsheet contains a table with columns: Bill Date, Sales Organization, Cust ID, Customer, Item No, Item Type, Item Desc, Order No, Qty, Sale Amount, COGS, Gross Margin, and Margin Pct. The Monarch Context window displays a sales report for 07/06/2008, showing details for User ID: ILA, Date/Time: 07/06/2008 / 11:40:16, Report name: 2EHL0010, Sales Organization: CND - Canadian Sales, and a table of items including ASYN-68 ASYNCH CARD AND MTA with a net value of 7,989.00 USD.

Bill Date	Sales Organization	Cust ID	Customer	Item No	Item Type	Item Desc	Order No	Qty	Sale Amount	COGS	Gross Margin	Margin Pct
6/8/2008	CND - Canadian Sales	100011	LEH-CAR & COMPANY	ASYN-68	ASYN	ASYNCH CARD AND MTA	72066	20	7,989.00	5,127.02	2,861.98	35.8%
6/9/2008	CND - Canadian Sales	100005	CARMICHAEL INTERNATIONAL	ELIT-86	ELIT	ELITE DSL DUAL BRI CAR	71691	2	0.00	1.30	-1.30	0.0%
6/15/2008	CND - Canadian Sales	100005	CARMICHAEL INTERNATIONAL	USER-35	USER	USERS GUIDE V3.14 0214	72171	10	4937.50	4293.45	644.05	13.0%
6/15/2008	CND - Canadian Sales	100011	LEH-CAR & COMPANY	RELE-33	RELE	RELEASE NOTE V3.14 0214	71827	1	930.00	543.40	386.60	41.6%
6/15/2008	CND - Canadian Sales	170221	NEXTSTEP INT'L	SYS-353	SYS	SYS 0827R P-CARD 9LD DOMESTI	71799	1	474.73	412.81	61.92	13.0%
6/16/2008	CND - Canadian Sales	100005	CARMICHAEL INTERNATIONAL	ELIT-17	ELIT	ELITE ST POWER SUPPLY	71745	9	261.00	40.95	220.05	84.3%
6/16/2008	CND - Canadian Sales	198885	ITX CORP	UPGR-17	UPGR	UPGRADE KIT.XO99 MEMORY/BI	71937	5	495.00	112.13	382.87	77.3%

Now the source data for an Excel file can travel with the Excel file—making it easy for users to compare their spreadsheet data with the source data as well as view the context in which it was originally reported.

Digital Signatures for Enhanced Data Integrity

With Monarch V10.5, users have the option to embed a digital signature within any Excel file export, ensuring data integrity for Excel files which only need to be viewed and/or archived. Users can digitally sign a standalone Excel file, as well as an Excel file and source report combination. Digital signatures confirm data lineage and give the recipient the confidence that the message was created by a known sender and was not altered in transit. Auditing is also improved because a valid digital signature demonstrates the authenticity of the document.



Adding a digital signature and/or adding the source report to an Excel 2007 XLSX or XLSM file is as simple as checking a box during the data export process within Monarch V10.5.

XML is Key to the Export Process

During the Excel export process, Monarch will export a full-fidelity XML representation of the report, with additional metadata in the Open XML package (XLSX file) and in the row data to allow vectoring to cells in the report from rows in the worksheet or worksheets. The functionality is available when exporting from the table view to XLSX and XLSM files. The ability to add the source report data is only available when creating

new Excel files or overwriting existing files, not when appending to existing sheets, or adding/replacing sheets.

Adding source report files will generally NOT generate large Excel files. The reason is that Excel 'packages' created with Excel 2007 benefit from ZIP compression, which works particularly well on reports as they contain a great deal of white space.

Upgrading is Easy!

Monarch V10 Users

For current Monarch V10 customers, the upgrade to Monarch V10.5 is available as a free download at http://www.datawatch.com/support/downloads_updates.php.

Monarch V9 or Lower Users

For customers of Monarch V9 an upgrade purchase is required. For versions 8 and below, a full product purchase is required. Contact Datawatch or your local reseller for details.

Installation & Compatibility

Monarch 10.5 Installs in minutes and can read model files, project files and portable report files created with earlier versions of Monarch.

Monarch Context Add-In for Excel

The Monarch Context Add-in for Excel is a free download and is available at <http://www.datawatch.com/products/monarch-context-registration/contextreg.php>.

Learn More

To learn about all of the features included in Monarch V10.5 (including all the new functionality of the V10 release), please visit: http://www.datawatch.com/products/monarch_wn.php.

Work Faster. Work Smarter.™ It's Easy with Monarch V10.5!



www.datawatch.com

Minimum System Requirements

- Windows XP Home/Professional SP2, Windows 2003 Server SP2, Windows Vista SP1, Windows 2008 Server, Windows 7
- 2 GB RAM
- 200 MB disk space for installation
- Pentium 4 CPU
- 16-bit color display
- Internet Explorer 6 SP1
- .NET Framework 3.0 SP1

Excel 2007 required for adding source report(s) and digital signatures to Excel files.

About Datawatch Corporation

Datawatch Corporation (NASDAQ-CM: [DWCH](http://www.datawatch.com)), a leader in Business Intelligence (BI) and Enterprise Information Management (EIM), helps companies make better decisions and solve business problems by simplifying access to and analysis of information. Unique among BI vendors, Datawatch transforms the massive amounts of data and documents generated inside or outside a company into actionable insight, without any changes needed to existing systems. Datawatch customers benefit from the right information, in the right context, at the right time. More than 35,000 organizations worldwide rely on Datawatch products including its market-leading Monarch report and data mining solutions. Founded in 1985, Datawatch is based in Chelmsford, Mass., with offices in London, Sydney and Manila. For more information, visit www.datawatch.com.