



Product Brief

e.Spreadsheet Option

Actuate e.Spreadsheet Option is a powerful tool for distributing critical business information as Excel spreadsheets while maintaining full control over data management. The e.Spreadsheet Option enables business users to create and receive live data in the familiar spreadsheet format for immediate analysis and action, with no need for training or support. Actuate e.Spreadsheet Option delivers all the live formatting, pivot tables, filters, 3D charting and calculation capabilities users expect from spreadsheets, while providing vital centralized spreadsheet maintenance, archiving, versioning, and security.

Overview

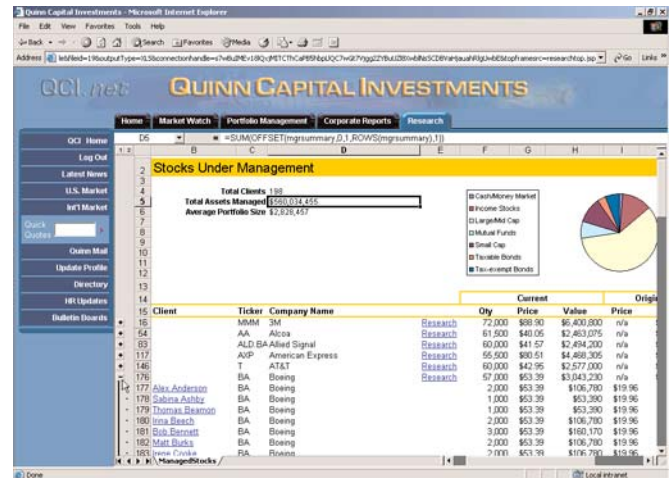
Actuate e.Spreadsheet Option is a powerful tool for distributing critical business information as Excel spreadsheets while maintaining full control over data management. The e.Spreadsheet Option enables business users to create and receive live data in the familiar spreadsheet format for immediate analysis and action, with no need for training or support. Actuate e.Spreadsheet Option delivers all the live formatting, pivot tables, filters, 3D charting and calculation capabilities users expect from spreadsheets, while providing vital centralized spreadsheet maintenance, archiving, versioning, and security.

In general, corporations that have a high dependency on Excel reporting encounter multiple report versions, inconsistent metric definitions, and multiple, departmental-centric spreadsheet data silos; ultimately resulting in multiple versions of the truth.

e.Spreadsheet Option puts an end to this problem—it deploys and publishes refreshable Excel spreadsheets using the powerful security, version control, and scheduling capabilities of Actuate iServer. This ensures that while users receive personalized, customizable Excel reports, IT still ensures the quality, security, and consistency of the information that users receive. The Actuate e.Spreadsheet Option leverages Actuate's unique Information Objects technology to directly access disparate and complex data sources, and present information in real time. The Actuate e.Spreadsheet Option works directly with Actuate iServer, and can also be bundled with e.Report Option and e.Analysis Option for maximum reporting and analysis flexibility.

Business Data the Way Business Users Want it: In Excel

With Microsoft Excel, installed on more than 90 percent of desktop computers worldwide and used for reporting by more than 58 percent of business professionals in the Fortune 500. So it should come as no surprise that when business users want to create, view, drill into, manipulate, and graph enterprise information, a great majority of them want that information in Excel.



The Actuate e.Spreadsheet Option enables you to deliver business data versatile e.Spreadsheets in users' browsers.

With Actuate's e.Spreadsheet Option, that is exactly what they get: Live business data delivered within easy-to-use and familiar Web-based Excel spreadsheets, with all formatting, formulas, and graphs intact. No reformatting from flat .CSV files. No custom scripting. No unstable plug ins. No querying, cutting, pasting, or manual data entry errors. And no formula recalculations—just instant, complete information direct from the source, pre-formatted and ready to go.

Actuate e.Spreadsheet Option delivers fully-functional Excel spreadsheets. Users can take advantage of Live Hyperlinks and multi-directional drilling capabilities to navigate wherever they need to go—whether within a single spreadsheet or across multiple spreadsheets and reports in your application. With all formulas, filters, pivot tables and graphs embedded and saved within each e.Spreadsheet, users can easily perform "what if" analysis and drill-down operations. And unlike other enterprise reporting tools that treat reports and spreadsheets as separate and incompatible tools, e.Spreadsheet Option gives you the ability to combine spreadsheet and reporting data in a variety of ways to meet your customers' unique business needs.

The benefit to business users: Business data just the way they need it. The benefit to IT: Complete control over mission-critical data with zero-training and low maintenance and deployment costs.

Server-Controlled Excel Management

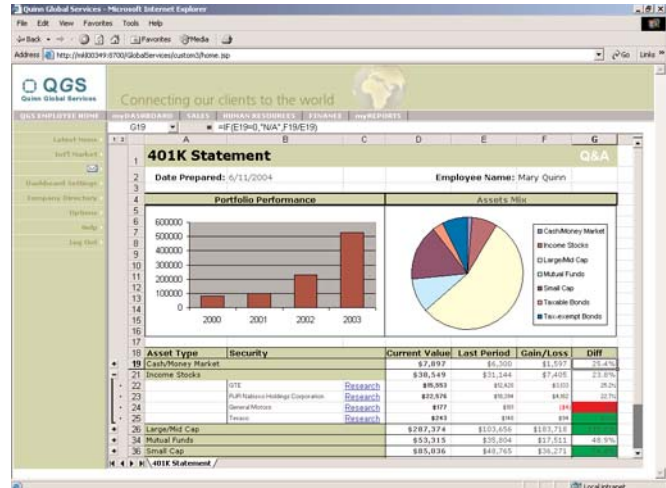
Today's spreadsheet operations tend to be decentralized and ad hoc, with no guarantee that users are working with the freshest data. Until now IT departments have not been able to reign in this process and have had to endure a lack of access control, no versioning or archiving, and no method of ensuring data integrity and security. All of that can change with e.Spreadsheet Option, which enables server-controlled spreadsheet management throughout the enterprise, as well as throughout the extended enterprise of suppliers, distributors, and customers. With Actuate iServer to handle spreadsheet "housekeeping" tasks such as security, authentication, data refresh, and archiving, IT professionals and end-users alike can be assured of fast access to the most accurate, up-to-date, and secure data for their reporting in the most digestible format—Excel.

Features and Benefits

As They Like It: Enterprise Reports in Excel

- Web-Based Spreadsheets
- Excel Formatting
- Zero-Training
- Live Hyperlinks
- Multi-Directional Drilling
- Embedded Formulas
- Live Pivot Tables
- Live Data Filtering
- Embedded Graphing
- Easy Data Updates

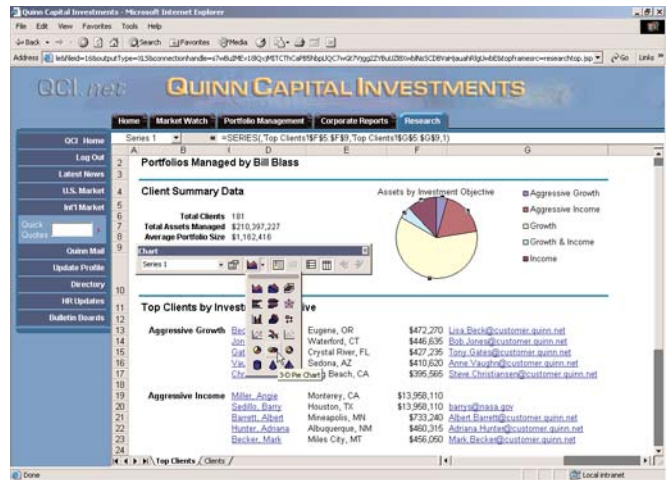
Web-Based Spreadsheets—Actuate e.Spreadsheet Option lets users create and deliver business-critical spreadsheets rapidly and easily. With Actuate e.Spreadsheet Option, enterprise spreadsheets blend right into each user's Web environment—without requiring downloads, applets, or plug-ins. The result: instant, browser-based access to live enterprise data from within the familiar and powerful Excel format.



Web-based spreadsheets enable easy access to live data in a familiar environment.

Excel Formatting—With e.Spreadsheet Option, Excel formatting is embedded directly into every spreadsheet, so users never have to reformat enterprise data gathered using a reporting tool or wait for their IT departments to generate spreadsheets for them. Instead, they can tap directly into the power of Excel to generate, update, and distribute enterprise information instantly for maximum productivity.

Zero End-User Training—End-users will be able to immediately leverage e.Spreadsheet Option with no training required, because it uses the familiar tools already on their desktops - their browsers and Excel spreadsheet programs.



e.Spreadsheets have live graphs and formulas embedded within them, enabling users to perform interactive analysis efficiently.

Live Hyperlinks—Actuate e.Spreadsheet Option features Live Hyperlinks, which enable end-users to navigate throughout enterprise spreadsheets quickly and easily, and to generate new spreadsheets at the touch of a button. So users can get to the data they want—quickly.

Multi-Directional Data Drilling—Actuate e.Spreadsheet Option provides flexible drilling options so that users can get detailed or summary data on demand. Users can drill down into detailed information, across data fields for context and scope, and up for the "big picture," with no restrictions on the number of levels. Users can even drill across spreadsheets and Actuate e.Reports to review related information.

Embedded Formulas—With e.Spreadsheet Option, end-users can leverage embedded formulas to perform "what if" analysis and modeling, without having to manually input formulas or calculations. Data updates can be performed at either the spreadsheet or server level; all related tools and calculated fields are then updated automatically.

Live Pivot Tables—e.Spreadsheet delivers the most powerful tools Excel users rely on for data analysis with live Pivot tables to sort and sum data independent of the original spreadsheet data layout.

Period	OLG	OTI	JR	JIF	JSE	MEM	OPS	OLF
Feb-03	\$260.41	\$24,179.45	\$3,748.10		\$453.00	\$52,000.53	\$13	
Mar-03	\$61.19	\$22,969.00	\$3,158.81	\$65.04	\$713.35	\$56,803.38	\$77	
Apr-03	\$64.63	\$26,506.43	\$1,154.80	\$398.27	\$150,207.04	\$30,207.04	\$34	
May-03	\$153.62	\$25,022.67	\$2,599.80	\$2,108.67	\$1,047.50	\$36,207.57	\$118	
Jun-03	\$62.09	\$26,028.22	\$10,699.80	\$808.19	\$20,238.67	\$11		
Jul-03	\$80.31	\$121.49	\$39,980.04	\$1,852.00	\$1,574.23	\$976.25	\$44,568.50	\$82
Aug-03	\$306.54	\$30,699.47	\$9,506.23	\$1,215.44	\$995.50	\$45,795.23	\$47	
Sep-03		\$131.04	\$30,481.46	\$5,940.62	\$876.77	\$1,030.50	\$108,704.92	\$63
Oct-03	\$322.42	\$26,243.38	\$19,816.78	\$307.51	\$2,379.75	\$75,045.19	\$28	
Nov-03	\$325.77	\$41.89	\$39,895.78	\$4,375.67	\$1,179.30	\$173.00	\$65,661.98	\$12
Dec-03	\$115.79	\$34,261.15	\$14,500.29	\$1,328.39	\$251.50	\$63,773.14	\$136	
Jan-04	\$546.74	\$23,854.79	\$15,054.72	\$446.34	\$47,809.13	\$63		
Grand Total	\$2,531.71	\$295.32	\$348,822.12	\$45,948.62	\$11,835.95	\$7,388.79	\$615,388.29	\$487

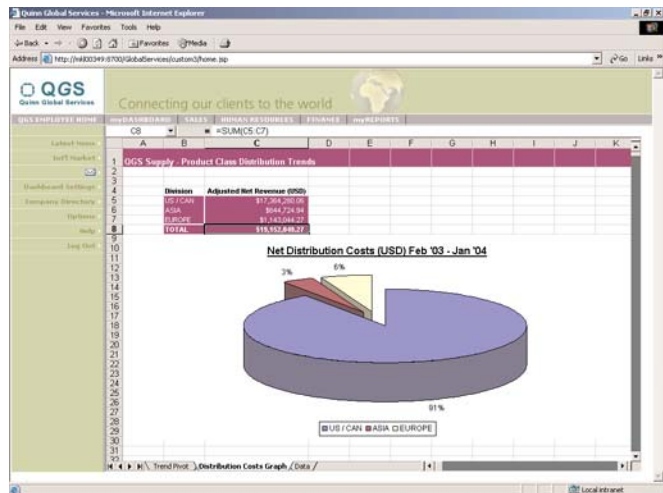
The Pivot Range Editor makes it easy to create dynamic, data-driven, server-based Excel Pivot Table reports complete with filtering and drill down functionality.

Live Data Filtering—e.Spreadsheet includes the advanced filtering capabilities in Excel for tighter granularity in data presentation.

Dimension	Period	Class	Adjusted net revenue (USD)	Shipped	Prices	Yield per piece (USD)	Actual Weight (Oz)
US / Con	Feb-03	MEM	\$453.00	2	7	\$64.71	137
US / Con	(Top 10...)	OLG	\$7,791.83	130	130	\$59.94	1232
US / Con	Q1-03	OLK	\$475,500.41	29879	29810	\$16.46	294071
US / Con	Feb-03	GTT	\$104,765.83	8622	8749	\$11.87	55176
US / Con	Apr-03	XSE	\$288,807.77	29699	29613	\$9.58	21920
US / Con	Mar-03	XSE	\$17,157.31	950	1084	\$18.81	15416
US / Con	Jan-03	XSE	\$5,521.25	49	49	\$182.07	14956
US / Con	3-03	OPS	\$12,000.53	39	52	\$633.28	20323
US / Con	Aug-03	XSDV	\$6,490.90	18	19	\$342.05	5785
US / Con	Sep-03	OLF	\$13.24	2	2	\$6.67	13
US / Con	Nov-03	OLK	\$189.66	2	3	\$95.56	39
US / Con	Dec-03	QANZ	\$275,796.38	5623	7769	\$35.50	79971
US / Con	Feb-03	JRF	\$23,556.36	507	750	\$37.08	3965
US / Con	Feb-03	QANZ	\$5,715.66	154	154	\$37.11	5117
US / Con	Feb-03	QANZ	\$45,608.76	27	64	\$172.64	15887
US / Con	Feb-03	JRF	\$3,746.10	7	8	\$668.26	3271
US / Con	Feb-03	QANZAR	\$1,263.73	11	14	\$90.27	325
US / Con	Feb-03	XSE	\$37.70	1	1	\$37.70	61
US / Con	Feb-03	VVF	\$47,724.19	5782		\$7.23	66996
US / Con	Mar-03	MEM	\$713.75	2	4	\$176.44	122
US / Con	Mar-03	JRF	\$13,110.57	206	207	\$63.54	2134
US / Con	Mar-03	OLK	\$543,496.77	34146	34509	\$15.81	330239
US / Con	Mar-03	GTT	\$115,544.26	8824	9017	\$12.27	61186
US / Con	Mar-03	XSE	\$378,488.23	40719	40038	\$9.27	291562
US / Con	Mar-03	XSE	\$17,207.57	1026	1114	\$15.47	11541
US / Con	Mar-03	XSE	\$4,861.83	37	37	\$134.53	11391
US / Con	Mar-03	OPS	\$56,833.28	70	154	\$369.70	34340
US / Con	Mar-03	XSDV	\$10,714.00	26	28	\$269.46	6960
US / Con	Mar-03	OLF	\$77.48	1	1	\$6.81	157
US / Con	Mar-03	OLK	\$64.16	1	1	\$64.16	1

e.Spreadsheet Option provides automatic or custom filtering of spreadsheet data.

Embedded Graphing—Unlike other reporting tools that offer separate enterprise reports with "save to Excel" features, e.Spreadsheet Option retains fully functional Excel graphing with support all of Excel's 3D chart types, including column, line, area, step, bar, combination, pie, doughnut, XY (scatter), bubble, and stock. These fully functional graphs are preserved within deployed e.Spreadsheets, so users can change or add data once, then see those results automatically reflected on all related graphs and charts.



e.Spreadsheet Option supports all Excel graph and chart types for enhanced data presentation.

Easy Data Updates—With Actuate e.Spreadsheet Option, users can act on the data they access, by updating live data directly from within their reports. These updates can also trigger additional updates or workflow operations. e.Spreadsheets have live graphs and formulas embedded within them, enabling users to perform interactive analysis efficiently.

Business-Friendly Data Access—With Actuate e.Spreadsheet Option, complex data is made simple by leveraging Actuate's unique Information Objects-based meta data layer. Data is pulled data in real-time from complex data sources and transformed into a logical map for selection using the e.Spreadsheet Designer.

Server-Controlled Excel Management

- Integration with Actuate iServer
- Centralized Versioning, Scheduling, and Archiving
- Server-Controlled Security
- Low Deployment and Maintenance Costs

Integration with Actuate iServer—Actuate e.Spreadsheet Option leverages the full power of the Actuate iServer to provide enterprise-class Enterprise Reporting Applications, regardless of how many users, spreadsheets, and spreadsheet versions are required. This enables IT departments to control access to enterprise information to ensure data integrity and security, while end-users still have maximum power to generate, update, and distribute business-critical spreadsheets quickly and easily.

Centralized Versioning, Scheduling, and Archiving—Actuate iServer handles all of the "housekeeping" chores of maintaining and securing e.Spreadsheets, including automatic version control, scheduling of updates, email alerts to users when new spreadsheets are available, and automatic archiving of enterprise spreadsheets. Users never have to worry about whether they are working with the freshest and most accurate data, because Actuate iServer handles data integrity for them seamlessly and transparently.

Server-Controlled Security—Actuate iServer delivers role-based security, authentication, and access control to ensure that sensitive corporate data is protected at all times.

Support for industry-standard LDAP services also ensures that Actuate security can be seamlessly integrated with other enterprise directory and security systems to ensure all internal and external e.Spreadsheet users are properly identified and authenticated.

Low Deployment and Maintenance Costs—Because users' desktop systems are already equipped with everything they need to take advantage of e.Spreadsheet Option, deployment and ongoing maintenance and updates of your new enterprise spreadsheet solution entail no incremental costs.

Technical Requirements

Operating	CPU
Windows 2000 Windows Server 2003 Windows XP Pro	Pentium 300 Mhz or higher
Solaris 8, 9	Sun: UltraSPARC-I, II, III, III
AIX 5.1, 5.2	IBM: Power, Power2, Power3, Power 4, Power 4+, PowerPC
HP-UX 11.0, 11i	HP: PA-RISC 2.0
Red Hat Enterprise Linux 3.0 AS	Pentium 300 Mhz or higher

Minimum RAM requirements for iServer is 512MB, Minimum disk space is 800MB.

Application & Web Servers

- Microsoft IIS 5.0 & 6.0
- BEA WebLogic Server 6.1 SP5, 6.1 SP4, 7.0 SP2, 7.0 SP4, 8.1
- IBM Websphere App Server 4.0.5, 5.0.1, 5.1
- Oracle 9i App Server (Release 2) 9.0.3 (For Active Portal only)
- Sun ONE Application Server 7
- Sun ONE Web Server 6.0 SP4, 6.1 SP1
- Apache Tomcat 4.0.6, 4.1.27

Operating System support for Application and Web servers is the same as iServer.

Web Browsers & Document Applications

- Microsoft Internet Explorer 5.0, 5.5, 6.0, 6 SP1
- Netscape Navigator 6.2
- Sun's Mozilla 1.4
- Open Source Mozilla 1.4
- Adobe Reader 5.0, 5.1, 6.0
- Microsoft Excel 97, 2000, 2002, 2003

The technical requirements listed here are for **guideline purposes only**. Please consult Actuate Support Services for the precise requirements for your specific environment.