

MUN-EASE[®]

THE MUNICIPAL BOND MANAGER

BOND
SOFTWARE
WITH
INTELLIGENCE



prescient software JRD, Inc.

www.mun-ease.com

INTEGRATED DEBT MANAGEMENT SOLUTIONS FOR THE PUBLIC FINANCE COMMUNITY

The Treasury
Lounge

MUN-EASE[®] IS...

 prescient software JRD, Inc.

An integrated multi-user software package that meets all of the reporting and computation needs of a municipal bond issuer. It performs a wide variety of interest calculations including TICs (true interest cost), sizing calculations, refunding analyses, and arbitrage/rebate calculations. It also contains many features that assist finance departments in meeting their accounting, reporting, and continuing disclosure requirements.

Mun-Ease is flexible and can be structured to meet your needs and budget. Mun-Ease is sold in modules that work seamlessly as one software product. A purchaser can select only needed modules and purchase other modules at a later date.

To further add to Mun-Ease's flexibility, the software comes in single user, workgroup, or Enterprise (SQL-Server) versions. The Workgroup and Enterprise versions allow users to concurrently access and update the Mun-Ease database.

The Internet Add-On Module allows others outside of your organization to gain information about your debt. The module also assists issuers in meeting their continuing disclosure requirements and can be used to conduct competitive bond sales over the Internet.

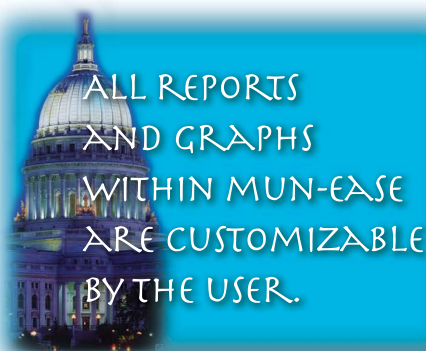
**SEE THE ACCOMPANYING FLIER FOR
PRICES & NEW FEATURES CONTAINED
IN OUR MOST RECENT RELEASE.**

THE MUN-EASE MODULES

BASE MODULE

The Base Module maintains a database of your debt obligations. Debt obligations can include fixed and variable rate bonds, notes, leases, commercial paper rollovers, and bank obligations. Variable rate interest can be calculated from a database table containing periodic resets. The Base module performs true interest cost (TIC) and net interest cost (NIC) calculations and allows the user to simultaneously view competing bids from underwriters in a competitive bond sale. Included in the Base Module are 30 debt service and operational reports.

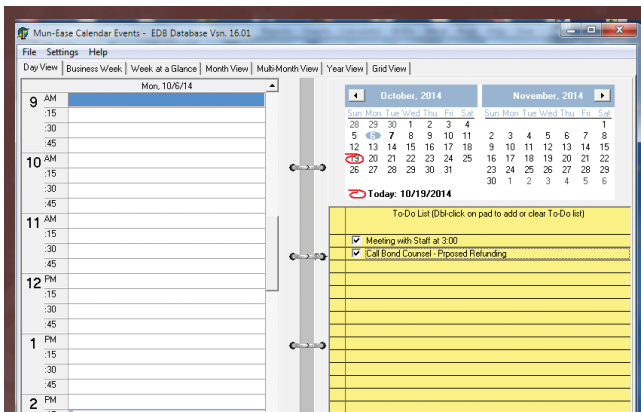
Mun-Ease allows you to view debt service payments in a calendar/PIM format. If requested, Mun-Ease can automatically update your Outlook calendar and the Outlook calendar of other users with events in Mun-Ease Bond Event calendar. We also allow the user to send automated e-mail alerts for upcoming bond-related events. Finally the document management features of Mun-Ease allow you to add bond-related documents to your database and to link those documents to specific bond issues.



SIZING MODULE

Mun-Ease sizes new-money bond issues, notes, or variable rate bonds and can structure debt service according to 1 of 18 options. Debt service can be structured to be level, decreasing, increasing, or modeled after a user-defined revenue stream.

Mun-Ease can size a bond issue to cover up to 30 separate draw schedules. Each draw schedule can have its own construction yield and be either gross or net-funded. We include statistical functions that allow draw schedules to be modeled after a normal curve or a chi-square(skewed) distribution.



The Calendar functions allow you to keep a central repository of bond-related events. Mun-Ease can automatically send e-mails to individuals notifying them of upcoming events on the calendar.

The Sizing module can structure a note using a database table containing U. S. bank, Libor and other holidays. Thus a user can size a note and request that debt service payments are to occur only on business days. If a payment occurs on a week-end or holiday, then Mun-Ease will forward-date the debt service payment and adjust the amount of interest accordingly.

The Sizing Module can also handle the complexities that often occur in today's economic environment. Mun-Ease correctly computes the arbitrage yield when an issue is structured with callable bonds issued at a premium or deep-discount term maturities. The Sizing Module includes 25 reports and a report package capability.

Issuer Code	Dated Year	Series	Bond Description	Issue Type Code	Face Value	Click here to view a debt service schedule	Click here to view a bond production report	Click here to view statistics	Debt service for a maturity	List of bond-related documents
BFURC	2000	A,B	2000 Series A and B Bonds		\$70,125,000.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BFURC	2010	A	Series A Term CABS		\$54,915,218.90	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BFURC	2010	ABC	Combined Series A, B, C		\$342,814,888.90	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BFURC	2010	B	Series B Convertible CABS		\$137,301,680.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BFURC	2010	C	Series C BABS		\$190,000,000.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BONDNOTE	2010	A	Bond & Note Combined Example		\$46,700,000.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
BONDBANK	2009	B	Bonds, Series 2009 B		\$16,550,000.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
CABS	2009	A	A Different Type of CABS		\$2,391,380.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents
COMPAPER	2009	A	Commercial Paper Example		\$0.00	Debt Service Schedule	Bond Production Report	Bond Statistics Report	Debt Service for a maturity	View documents

The Internet Add-On module allows users outside of your immediate organization to obtain information about your outstanding debt.

THE MUN-EASE MODULES

ARBITRAGE MODULE

The most comprehensive arbitrage solution on the market today!

OUR REPORT PACKAGE FEATURE ALLOWS YOU TO COMBINE REPORTS TO A SINGLE PACKAGE ALONG WITH A TABLE OF CONTENTS.

The Arbitrage Module calculates the arbitrage yield limit (AYL) of a tax-exempt debt obligation and performs future value rebate calculations. The AYL can be calculated for plain par bonds, variable rate bonds, and bonds that contain premium-callable and deep-discount term maturities. Mun-

Ease performs the alternative 18-month and 24-month spend-down penalty calculations, and can compute the temporary period yield reduction payment liability.

A MUST-SEE STOP ON YOUR NEXT VISIT TO WASHINGTON D.C.?

... NOT!



Debt Service Schedule - Mun-EaseMainDoc - Windows Internet Explorer

Arbitrage Example Issuer
Ex. 7 - Comprehensive Ex.
Debt Service Schedule
(ARBITRAGE-2010-7)

Date: 01/01/2010
Delivered: 02/01/2010
File: 1

File	CpuDt	Principal	Coupon Rate	Interest	Debt Service	Yearly Dst Svc	Outstanding Debt
2011	01/01/2011	-	-	1,781,485.00	1,781,485.00	-	69,672,562.50
-	07/01/2011	-	-	896,742.50	896,742.50	2,672,227.50	69,672,562.50
2012	01/01/2012	2,651,000.00	2.10000	896,742.50	3,522,742.50	-	66,997,562.50
-	07/01/2012	-	-	863,073.00	863,073.00	4,388,817.50	66,997,562.50
2013	01/01/2013	2,690,000.00	2.15000	863,073.00	3,553,073.00	-	64,307,562.50
-	07/01/2013	-	-	834,157.50	834,157.50	4,387,232.50	64,307,562.50
2014	01/01/2014	2,750,000.00	2.20000	834,157.50	3,584,157.50	-	61,517,562.50
-	07/01/2014	-	-	803,907.50	803,907.50	4,388,065.00	61,517,562.50
2015	01/01/2015	2,810,000.00	2.25000	803,907.50	3,615,907.50	-	58,747,562.50
-	07/01/2015	-	-	773,308.48	773,308.48	4,386,303.48	58,747,562.50

Users of the Internet Add-On module can request individual or combined debt service schedules.

Mun-Ease can also calculate interest on the over/underpayment of the user's rebate liability.

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1.148-7 (b) (6) Pooled financing issue --

(i) In general.
Except as otherwise provided in this paragraph (b)(6), the spending exceptions apply to a pooled financing issue as a whole, rather than to each loan separately.

(ii) Election to apply spending exceptions separately to each loan --

(A) In general.
At the election (made on or before the issue date) of the issuer of a pooled financing issue, the spending exceptions are applied separately to each conduit loan, and the applicable spending requirements for a loan begin on the earlier of the date the loan is made, or the first day following the 1-year period beginning on the issue date of the pooled financing issue. If this election is made, the rebate requirement applies to, and none of the spending exceptions are available for, gross proceeds of the pooled financing bonds before the date on which the spending requirements for those proceeds begin.

The arbitrage regulations are indexed by section and cross-referenced by topic.

Mun-Ease can generate completed 8038 tax forms. Calculations are automatically inserted into a form or can be overridden by the user if required. Mun-Ease also has the full text of the arbitrage regulations, letter rulings, technical/field service advice memoranda, revenue procedures, and court decisions included in a help file. All of this information is indexed by section number and cross-referenced by topic. Mun-Ease can also perform rebate calculations when bond proceeds have been commingled with other issues. The Arbitrage module includes over 35 reports and a report package feature.

THE MUN-EASE MODULES

THE REFUNDING MODULE

The Refunding Module determines the cost-effectiveness of a current, advance, or crossover refunding. Refunding savings can be structured to show level, upfront, backloaded, escalating, or declining savings.

Escrow portfolios can be structured with SLGS (State & Local Government Securities), open market securities, or a combination of both. Mun-Ease can also structure an escrow portfolio when there are multiple allowable escrow yields.

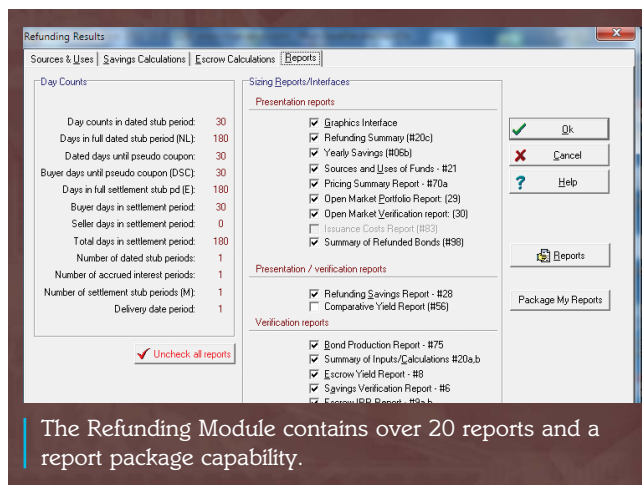
In addition to the above capabilities, Mun-Ease can compute the amount of transferred proceeds and can scan and evaluate an issuer's database for refunding candidates. Candidates are evaluated based on present-value savings.

Like the Sizing Module, the Refunding Module can handle the complex calculations that result when an issue is structured with callable bonds issued at a premium or deep-discount term maturities. The Refunding Module contains more than 35 reports and a report package feature.

FOR A DETAILED LIST
OF CAPABILITIES, VIEW
THE COMPANION
BROCHURE TITLED
"THE MUN-EASE
FEATURE CHECKLIST"
OR VISIT OUR WEBSITE AT:
[WWW.MUN-EASE.COM/
FEATMAIN.HTML](http://WWW.MUN-EASE.COM/FEATMAIN.HTML)

ALLOCATIONS MODULE

The Allocations Module allows you to allocate debt service among cost centers, departments, funds, and projects. Allocations can be performed by apportioning the debt service of individual maturities in a bond issue or as a percentage of aggregate gross debt service. You can allocate debt service on a cash or accrual basis. The Allocations Module can also perform tests to determine compliance with private use rules. The Allocation coding block is a 40-character string and is structured in a hierarchal manner like a general



The Refunding Module contains over 20 reports and a report package capability.

ledger account number. It can have up to four breaks.

GRAPHICS MODULE

Calculations within Mun-Ease can be extremely complex, but with the Graphics Module they will be easily understood. The module includes 14 graphs that are generated in tandem with the other Mun-Ease Modules. You have complete control over the attributes of each graph enabling you to customize the graphs in virtually any way.

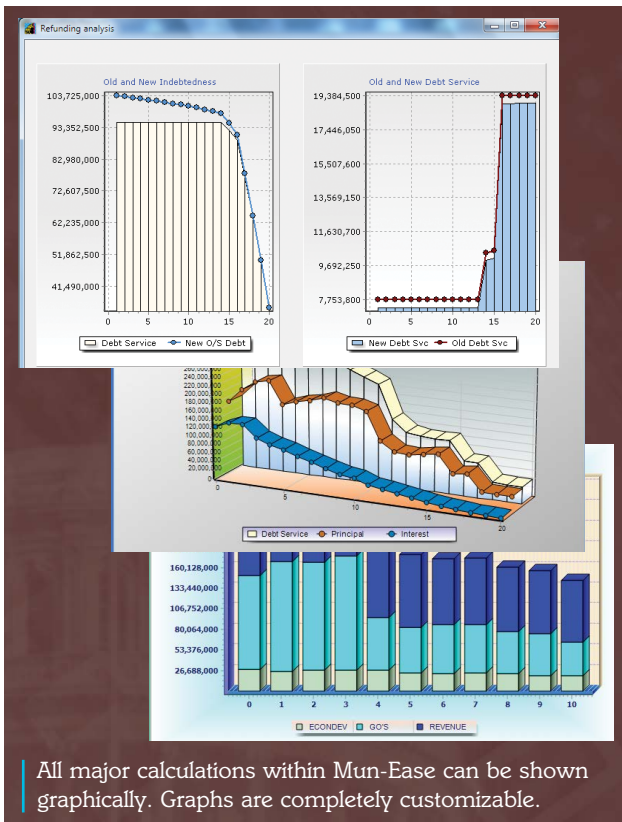
Type	Principal	Coupon Rate	Maturity Date	Ref Price	Ref Yield	OID/OID	Gross Proceeds
Series Bonds	2,885,000.00	1.150	11/01/12	100.000	1.150	-	2,885,000.00
	2,880,000.00	1.225	11/01/13	100.000	1.225	-	2,880,000.00
	2,820,000.00	1.300	10/01/14	100.000	1.300	-	2,820,000.00
	2,865,000.00	1.375	11/01/15	100.000	1.375	-	2,865,000.00
	3,010,000.00	1.450	11/01/16	100.000	1.450	-	3,010,000.00
	3,055,000.00	1.525	10/01/17	100.000	1.525	-	3,055,000.00
	3,100,000.00	1.600	11/01/18	100.000	1.600	-	3,100,000.00
	3,155,000.00	1.675	11/01/19	100.000	1.675	-	3,155,000.00
	2,875,260.00	2.175	10/01/20	84.131	1.750	-	2,875,260.00
	3,210,000.00	1.825	11/01/21	100.000	1.825	-	3,210,000.00
	3,270,000.00	1.900	11/01/22	100.000	1.900	-	3,270,000.00
	3,335,000.00	1.975	10/01/23	100.000	1.975	-	3,335,000.00
	3,400,000.00	2.050	11/01/24	100.000	2.050	-	3,400,000.00
	3,475,000.00	2.125	11/01/25	100.000	2.125	-	3,475,000.00

Mun-Ease reports are generated with Crystal Reports and can be customized in almost any manner.

THE MUN-EASE MODULES

STAND-ALONE REPORTING MODULE

Meet all of your GASB 34 debt reporting requirements with Mun-Ease.



The Stand-Alone Reporting Module contains over 50 reports that can be inserted in your annual financial reports with little or no changes. We also provide many reports to help meet your day-to-day

MUN-EASE IS A TRUE MULTI-USER DATABASE SYSTEM THAT ALLOWS USERS TO CONCURRENTLY ACCESS AND UPDATE A COMMON DATABASE.

CALL FOR AN ONLINE DEMONSTRATION OF MUN-EASE

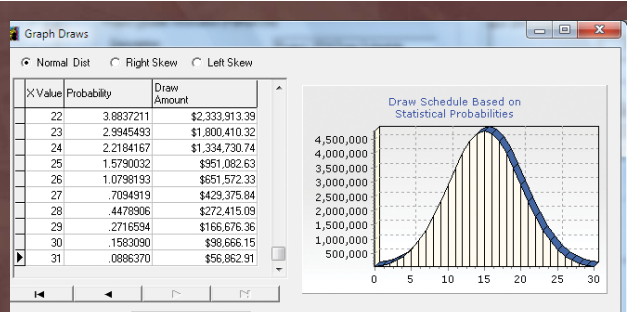
(USING THE GOTO MEETING SOFTWARE)

needs for managing your debt. Our reports comply with all GASB debt reporting requirements and are designed specifically for an issuer's CAFR (comprehensive annual financial report) or CADR (comprehensive annual debt report).

They include combined debt service, combined indebtedness, refunding history, and debt service coverage reports. Mun-Ease can generate combined debt service reports on an accrual basis as required for GASB 34.

CALCULATOR MODULE

The Calculator Module performs price/yield calculations on a wide variety of financial instruments and is used in conjunction with the Arbitrage Module.

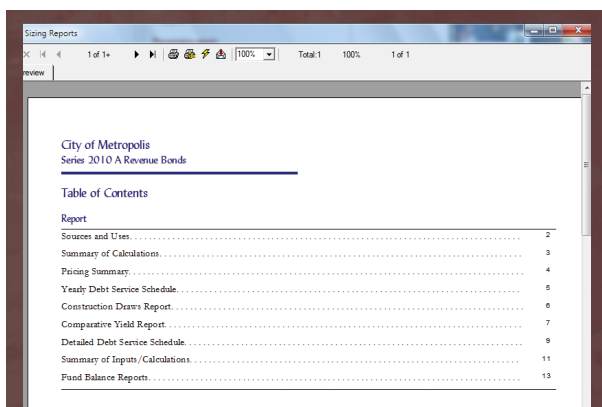


Draw schedules and interest rate scenarios can be modeled after normal curves or chi-square distributions.

THE MUN-EASE MODULES

INTERNET ADD-ON MODULE

With the Internet Add-On Module), DTC, bankers, and investors can get all the information they need by accessing your web site. The Internet Add-On Module allows you to place your database of debt on a web server so that people outside of your immediate organization can obtain information about your debt. The module contains individual debt service schedules, combined debt service, combined indebtedness, and bond production reports.



Mun-Ease allows you to combine your reports into a single report package along with a table of contents.

Form 8038-G (Rev. September 2011) Department of the Treasury Internal Revenue Service		Information Return for Tax-Exempt Governmental Obligations Under Internal Revenue Code section 149(e) See separate instructions. Caution: If the issue price is under \$100,000, use Form 8038-GC.		OMB No. 1545-0720	
Part I Reporting Authority			If Amended Return, check here <input type="checkbox"/>		
1 Issuer's name City of Metropolis			2 Issuer's employer identification number (EIN) 15-1234567		
3a Name of person (other than issuer) with whom the IRS may communicate about this return (see instructions) Donald Smith			3b Telephone number of other person shown on 3a 949-254-1235		
4 Number and street (or P.O. box if mail is not delivered to street address) 1 Main street			5 Report number (For IRS Use Only) 3		
6 City, town, or post office, state, and ZIP code Metropolis, IL 61111			7 Date of issue 02/01/2010		
8 Name of issue Series 2010 A Revenue Bonds			9 CUSIP number		
10a Name and title of officer or other employee of the issuer whom the IRS may call for more information (see instructions) Mr. Pabb, CFO			10b Telephone number of officer or other employee shown on 10a 313-222-1234		
Part II Type of issue (enter the issue price). See the instructions and attach schedule.					
11 Education <input type="checkbox"/> 11					

Mun-Ease can generate completed 8038, 8038G, 8038GC, 8038T, and 8038R tax forms.

You can also place bond-related documents (official statements, bond authorizations, CAFRs, and budgets) on your web server and link them to your Mun-Ease database; thus helping you fulfill your continuing disclosure requirements.

WASTING AWAY IN BONDVILLE?



MOVE TO MUN-EASE!

WWW.MUN-EASE.COM

YOUR ONE-STOP
SOURCE FOR
INFORMATION ON
CLASSES, NEW
FEATURES, PRICES,
UPDATES, TAX
REGULATIONS, AND
TIPS FOR
USING MUN-EASE.





TEN REASONS TO CONSIDER MUN-EASE

1 A solid commitment to customer support - When you call us for help, you don't get lost in a maze of automated phone system menus. We answer phones promptly and are always ready to assist users with their questions and problems. Users also are encouraged to offer their ideas for improvements.

2 Software that is current and up-to-date with regard to tax regulations, financial accounting standards, and computer technology. Mun-Ease can generate debt service schedules on an accrual basis mandated by GASB 34 and is up-to-date with the latest changes to arbitrage regulations. We provide both native 64-bit and 32-bit versions of our software.

3 Comprehensive and understandable documentation - The Mun-Ease user guide is in three volumes and includes over 1,000 pages of instructions, examples, and tutorials. Our Tutorials volume contains step-by-step instructions and illustrations to assist you in performing complex bond calculations.

4 Integrated analytics and database capabilities - Mun-Ease integrates the interest calculations with its database capabilities. This integration eliminates the hassle of exporting information to the debt database after each refunding or sizing calculation.

5 Flexible reporting and interfaces - All of the 300+ standard reports can be customized by you according to your preferences. Add, eliminate, or move columns of data. Change the fonts, sort sequence, selection criteria, or virtually any other attribute of the report. We also provide all of our report specifications along with Mun-Ease software that you can use as templates for your own reports that you create. Reports can be exported to a variety of formats (Microsoft Word, Excel, PDF, or HTML format).

UNSURE IF
MUN-EASE IS THE
RIGHT CHOICE
FOR YOU?

CALL US AND WE'LL
GLADLY BENCHMARK
MUN-EASE AGAINST
ANY COMPETING
PRODUCT.

6 A relational, multi-user database with SQL capabilities - Our single-user and work-group solution uses the Elevate database (EDB) and our Enterprise version uses Microsoft SQL Server. Both databases are SQL compliant and compatible with many third-party utilities and software.

Our report database tables can be imported directly into Excel spreadsheets.

7 Formal classes - We offer formal, hands-on Mun-Ease classes several times each year. On-site training can also be arranged upon request.

8 Security - Mun-Ease allows a site's security administrator to assign access profiles to individual users.

9 Internet capabilities - Mun-Ease Internet capabilities are second to none. With the Internet Add-On Module, people outside of your immediate organization can obtain all the information they need about your debt obligations. The Internet Add-On Module also helps you to meet your continuing disclosure requirements to investors of your debt.

10 A proven product backed by the reputation and expertise of Prescient Software - Prescient Software's first commercial release of Mun-Ease was in 1989. Since that time, we have constantly improved Mun-Ease to meet the changing needs of our user community.