

Capabilities of

PortoBene

Trade Finance Portfolio Manager

NOTEWELL CORPORATION

May 2001

PortoBene structures, reports, and tracks discounted, negotiable debt instruments.

PORTOBENE serves discounters, traders, note buyers, issuers, and exporters.

Instruments include:

- promissory notes,
- bills of exchange,
- trade or bank acceptances,
- certificates of deposit,
- zero coupon bonds, or
- drafts under Letters of Credit,

all called notes as shorthand in this brochure.

PortoBene consists of seven modules that can be purchased and installed separately.

Deal Permits deal information to be recorded and sets of notes to be generated, modified and analyzed. Performs discount, interest, proceeds, payments and other calculations on discounted and interest bearing notes.

Folio Folio expands the information that can be recorded concerning a deal, groups deals into portfolios, maintains counterparty and currency and country data, and reports on exposures and events.

Funding Records the liability (deposits) data for funding portfolios, determines cost of funds, and reports on gross profitability.

Security Restricts access of user subgroups.

Indications Records and reports prospective note purchases and sales, and contacts.

Offers Prepares term sheets, records and reports on offers to sell.

Data Export Selectively extracts data and saves it in XLS, DBF, CSF, and columnar formats.

PortoBene architecture is designed to:

Be intuitive and logical, requiring minimal effort on the part of the user.

Screens are organized intuitively by function, not data, so that users can easily navigate, structure, analyze, or report on notes with infrequent need to refer to the 200 page User Guide.

Require no maintenance.

Permit quick addition and testing of new features by NoteWell or the user, through the Add-Ins feature.

Allow data export to Excel, system, dbase, and delimited file formats to other applications and systems within an organization.

The Deal Module creates and manipulates individual deals and their notes.

The Deal Module requires only four main screens for structuring, evaluating alternatives, editing and printing a set of notes or individual notes within the set. The same screens are used for both primary and secondary discounting of a deal and its notes.

Browse Screen displays key facts, scrolls, views, and searches for deals.

Browse Deals									
Deal ID	Issuer	Guarantor	Country	Disburse	#	Amount	Portfolio	Seller	
GENELEC	PRIME COMPUTER	NONE	Argentina	15/01/2000	6	4,745,795	Draft	Londo	
SPARES2	Hyundai Corporatio	Malayan Banking B	Korea, South	15/01/2000	6	8,305,142	Draft	ING B	
BDDABA	BND Telecommunic	Westdeutsche Land	Slovakia	01/07/1999	7	4,922,875	Investment	Motorc	
AMACO	ACE - Audit Control	Pemex	Mexico	15/02/2000	4	4,580,793	Investment	Westd	
EQUAL PAY	Compaq Computer	Ex-Im Bank	United States	20/02/2000	4	4,910,253	Investment	NoteW	
DEV	Devco International	Dresdner Bank AG	Ecuador	01/02/1999	4	2,800,000	Investment	Ecoba	
CESKO	Ceskoslovenská ob	Crédit Agricole Indo	France	23/01/2000	6	1,999,999	Investment	Crédit	
OILEQUIP	Banque Nationale d	Banque UNEXIM (S	Algeria	21/03/2000	1	2,696,557	Investment	Credit	
ELEC	GECapital	NONE	Romania	03/02/2000	7	6,388,666	Investment	Bank A	
zPrimary	NONE	NONE	Czech Repub	01/06/2000	4	1	Template	NONE	
zSecondary	NONE	NONE	Slovenia	01/01/2000	1	1	Template	None	
zLease	NONE	NONE	BLOCKED	15/04/2000	4	4,000,000	Template	NONE	
CAT	Caterpillar Inc.	NONE	Malaysia	03/02/2000	7	6,388,666	Template	United	

Find

Browse
Structure
Exit

Deal
Notes
Folio

Browse Screen continued...

Searches for deals can be based on the Deal Id, issue, dates, amounts and other elements.

Deal ID	Portfolio	Seller	Amount	Issued	Disburse	Sell By	Guarant
AMACO	Investment	Westdeutsche Landes	4,580,793	15/01/2000	15/02/2000	/ /	Pemex
BDDABA	Investment	Motorola	4,922,875	01/07/1999	01/07/1999	/ /	Westde
EQUAL PAY	Investment	NoteWell Corporation	4,910,253	01/02/2000	20/02/2000	/ /	Ex-Im B
ELEC	Investment	Bank Austria Creditans	6,388,666	28/01/2000	03/02/2000	/ /	NONE

Search

Field: Operator: Value:

And Or Case Sensitive

Field: Operator: Value:

Find

Browse

Structure

Exit

Deal

Notes

Folio

The Browse Screen provides direct access to the other three main screens.

Deal View Screen provides an overview of individual deals.

Pop Downs and Access

Left clicking on Issuer, Guarantor, or Note Seller drops down a list of possible parties from the Party File.

Right clicking reveals the full Edit Parties Screen.

Templates are used to set up new deals using the patterns and choices of an organization, minimizing effort required.

Unique Deal Identifiers (Deal Id) can be manually or system generated.

The screenshot shows the 'View Deal' interface with the following fields and values:

Field	Value
Deal Name (ID)	EQUAL PAY
No. Notes	4
Currency	USD
Issuer	COMPAG-COMPUTE-001
Principal	4,214,090.46
Guarantor	EXIM-B-----000
Face Amount	4,480,866.36
Note Seller	NOTEWELL-CORPO-000
Net Proceeds	4,000,000.00
Country	United States of America
Responsible	Structured
Portfolio	Investment
Closed	//
Fix/Float	Fix
Buy on	//
Sell on	//
Sell By	07/07/2000

Buttons at the bottom include: Print Deal, Revert, Save Change, Clone Deal, Remove Deal, Browse Deal, Structure Notes, and Exit Folio.

Unlimited Portfolios can be created, as many as convenient for:

tracking	accounting	conformity
marketing	regulation	currency
trading type	control	etc.

Prints the Deal Overview Report. The report is assembled from the data shown on this screen into presentation format.

Structure Screen provides a quick way to set up a new set of notes.

Most entries are already set to common defaults.

The user sizes the transaction by entering any of three amounts: Net, Face, or Principal.

The user enters rates.

A discount rate determines discount. Issuer interest is determined either by a given rate, or for 100% Issuer financing, the "Force" option causes PortoBene to automatically calculate an Issuer Interest Rate, in red.

PortoBene fills in the rest.

Pop down screens include industry standards and forward looking alternatives for tomorrow's transactions.

Pop down menus allow dozens of settings and hundreds of combinations to allow a user to structure a note to meet any specific needs of Note Buyers, Note Sellers, and Exporters.

Structure for GENELEC from PRIME-COMPUTER-000

Generate series of Notes Maturing every Days or Months Month end? w/Grace days=

	Given inputs	Resulting Amts.						
Principal	<input type="text" value="0.00"/>	<input type="text" value="3,999,999.60"/>	Option	Comp.Per	Basis	Method	Extend	Linked
Issuer Rate	<input type="text" value="11.626910"/>	<input type="text" value="581,863.96"/>	Rate	None	365	Round	No	
Face Amount	<input type="text" value="0.00"/>	<input type="text" value="4,581,663.55"/>						
Disc. Rate	<input type="text" value="4.000000"/>	<input type="text" value="530,136.32"/>	Margin	Semi-	360	Round	Yes	
Gross Proceeds		<input type="text" value="4,051,527.22"/>	Apply fee to					
Comm.Rate	<input type="text" value="1.000000"/>	<input type="text" value="1,527.22"/>	Face					
Fee 1 / Amt	<input type="text" value="1.000000"/>	<input type="text" value="40,000.00"/>	Net					
Fee 2 / Amt	<input type="text" value="10,000.000000"/>	<input type="text" value="10,000.00"/>	Principal					
Net Proceeds	<input type="text" value="4,000,000.00"/>	<input type="text" value="4,000,000.01"/>						
(Down Pmt.)	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>						

Print Struct. Revert Generate

Dates: Commit 05/01/2000, Issue 15/01/2000, Disburse 17/01/2000, 1st Pmt //

Interest: Issuer On Force, Agreed Intr. 0.000000, Agreed Disc. 6.200000

Tables: Holiday UK, Base Rate LIBOR, Make equal Principal

Browse Structure Exit Deal Notes Folio

Prints the Note Set Up Report. The report is assembled in presentation format from the data shown on the screen.

Note Summary Screen continued....

A **Spread** like screen permits changing elements of any note. Discount dates can be chosen to correspond to shipments for project financing. Different rates, dates and amounts may be entered for each note.

Equivalent rates for other compounding options are shown.

Spread discounted notes for SECOND from AMOCO-STEEL—000

Fees: Date 01/12/1999, Rate 0.000 000, Fee 1 0.000 000, Holidays UKUS

Discount: 360, Semi-, Round, 8.000000, 2.000000

Repayment: Grace Days 0, Cal., 360, Semi-, Round

Interest: 0.000000, 0.000000, Note

Note	Inc	Disc'd	NetProc	BaseRate	Margin	Due On	Amount	Base Rate	Margin	Principal
1	T	01/02/00	959,232.61	8.000 000	2.000 000	03/07/00	1,000,000.00	0.000 000	0.000 000	1,000,000.00
2	T	01/02/00	912,830.40	8.000 000	2.000 000	02/01/01	1,000,000.00	0.000 000	0.000 000	1,000,000.00
3	T	01/02/00	869,134.13	8.000 000	2.000 000	02/07/01	1,000,000.00	0.000 000	0.000 000	1,000,000.00
4	T	01/02/00	826,869.99	8.000 000	2.000 000	02/01/02	1,000,000.00	0.000 000	0.000 000	1,000,000.00

See Percents 3,568,067.14 <= Notes Totals => 4,000,000.00 4,000,000.00

Revert Print Equiv. Rates Avg. Life Set Rates

Semi	10.000	Years	1.169	Straight	9.109 304
Annual	10.195			Simple	10.212 032
None	10.477			IRR	10.411 637

Save Calculate Return

Price Deal screen permits a quick repricing of an existing set of notes for a secondary market sale, without changing the existing settings for the notes. The new price, book value, and holding gain (or loss) are shown.

Original deal note details continue to be displayed for reference.

Note	Inc	Disc'd	NetProc	BaseRate	Margin	Due On	Amount	Base Rate	Margin	Principal
4	T	01/01/00	02/01/02	1,000,000.00	01/02/00	8.000 000	2.000 000	824,369.99		

LIBOR Basis 360

3,000,000.00 <= Totals for included notes => 2,691,433.00

Sale Conditions

Close On	Compound	Method
03/03/2000	Semi	Round
Commit On	Grace Days	Base Rate
03/05/2001	0	6.000 000
Commit Rate	Grace As	Margin
0.000 000	Cal	2.000 000

Revert Save Print Price

Price

Price	2,773,215.96
Cost Basis	Gross Basis
Book 2,716,239	2,722,892
Gain Amt 56,976	50,323
Gain % 2.097 641	1.848 180
Brk Even 10.203	9.941 994
Comm. Fee	0

See % Return

Equiv. Rates

Semi	8.000
Annual	8.124
None	8.297

Set Rates

Avg. Life	1.001 826
Straight	7.442 320
Simple	8.050 927

Note Details Screen allows tailoring of each note to meet the financial requirements of Note Issuer, Discounter and Supplier.

All note values can be entered or modified on the individual notes. The **Update** option preserves relations among notes established in the Structure Screen. **Calculate** uses the displayed values to reestablish each note independently. For example, different notes of a set can have different Issue and Discount dates to accommodate multiple shipments.

The **Add Note** button duplicates the currently displayed note and places it at the end of the note series to double up or split a note, or truly add another note to the series.

The **Remove Note** button deletes the currently displayed note.

Note Details for discounted deal SECOND from AMOCO-STEEL—000

DealID Comment

On note

Grace Cal

	Given	Result	Baserate Option	Basis
PRINCIPAL *	<input type="text" value="0.00"/>	<input type="text" value="1,000,000.00"/>		
Issuer Rate,	<input type="text" value="0.000000"/>	Amt. <input type="text" value="0.00"/>	Margin <input type="text"/>	<input type="text" value="360"/>
FACE *	<input type="text" value="1,000,000.00"/>	<input type="text" value="1,000,000.00"/>	<input type="text" value="0.000000"/> % Iss. Interest	
Discount Rate,	<input type="text" value="2.000000"/>	Amt. <input type="text" value="87,169.59"/>	Margin <input type="text"/>	<input type="text" value="360"/>
Gross Amount		<input type="text" value="912,830.40"/>	<input type="text" value="8.000000"/> % Discount	
Commit.FeeRate	<input type="text" value="0.000000"/>	Amt. <input type="text" value="0.00"/>		
Fee 1 / Amt	<input type="text" value="10,000.000000"/>	<input type="text" value="2,500.00"/>		
Fee 2 / Amt	<input type="text" value="0.000000"/>	<input type="text" value="0.00"/>		
NET *	<input type="text" value="0.00"/>	<input type="text" value="910,330.40"/>		

* For use with Calculate (Detach) only.

Revert Update Calculate Add Note Remove Note

Commitment
 Issue
 Discount
 Maturity Intr.
 Maturity Disc.
 To buy on
 To sell on
 Sell by
 Return

Folio Module reports on and maintains aggregations of deals.

PortoBene's capabilities for aggregation of deals are described by reference to the menu items that are used to execute them, in three main categories: Reports, Maintain, and Utility.

Reports menu

Fifteen types of reports can be produced that describe portfolios under management. These reports document portfolios and supports management analysis.

View data and print a report. Seven extract criteria and up to six sort sequences can be independently specified

Report types include:

Holding Gain,	Exposure-Actual (4)
Exposure-Projected,	Currency Exposure
Maturity	Due In & Out
Sell By	Maturing FU
By Deal ID	Credit Limits
Party (2)	Country
Earnings-Funded	Mark-to-Market
Earnings in Period	

Report Setup

Select range and sort order for: **Exposure - All Deals on File**
Assets as they are

Extraction Range

Portfolio: All

Dates From: 21/06/2000 To: 13/07/2000

Country: All

Currency: All

Issuer: All

Guarantor: All

Seller: All

Presentation By

Date
 Country
 Currency
 Issuer
 Guarantor
 Seller

Send To

Print
View
Excel
Cancel

Menus continued.....

Maintain menu provides four tables for maintenance of Base Rates, Currencies, Holidays and Party Files.

Base Rate Table allows for an unlimited number of base rate tables for any length of time, loaded from an Excel file taken from a quote service or edited or amended line by line.

PortoBene determines the interpolated rate from the Base Table selected based on the note tenor.

Name	Period	Days	Rate	Comment	Date
LIBOR	1 month	30	6.650000	WSJ	21/06/00
LIBOR	2 months	60	6.705625	WSJ	21/06/00
LIBOR	3 months	90	6.761250	WSJ	21/06/00
LIBOR	4 months	120	6.811250	WSJ	21/06/00
LIBOR	5 months	150	6.861250	WSJ	21/06/00
LIBOR	6 months	180	6.911250	WSJ	21/06/00
LIBOR	7 months	210	6.942500	WSJ	21/06/00
LIBOR	8 months	240	6.981250	WSJ	21/06/00
LIBOR	9 months	270	7.016250	WSJ	21/06/00
LIBOR	10 months	300	7.051250	WSJ	25/07/00

Edit Country, Currency

Country/ Region: Brazil C/R in Region: C Book

Limit Amount: 100,000,000 in Code: USD Currency Name: real Code: BRL

Outstanding: 93,455,175 on 12/06/2000 Rate: 2.100000 Date changed: 13/07/2000 12:00:00

SAVE CHAN REVERT Add Exit

Currency Table contains a screen for each country, country limits, and exchange rate to some defined book currency. Current outstandings are shown. Countries can be assigned to regions for additional credit limits, which may be set to zero to prohibit deals.

Maintain Menu continued....

Day	Holiday	Weekday
24/04/2000	Easter Monday	2
01/05/2000	May Day	2
29/05/2000	Spring	2
28/08/2000	Summer	2
25/12/2000	Christmas	2
26/12/2000	Boxing Day	3
01/01/2001	New Year's Day	2
13/04/2001	Good Friday	6
18/04/2001	Easter Monday	2
07/05/2001	May Day	2

Holiday Table allows for an unlimited number of holiday tables to be used and maintained, beyond the five provided.

Parties Table holds all counterparties in one file, whether in the role of Issuer, Guarantor, Note Seller or correspondent.

Their role is defined by their use in the context of a particular deal.

The Party file allows a user to assign a counterparty to a deal by scanning and selecting a registered entity to save time and ensure data integrity.

The system nominates a unique party identifier, a short name, constructed from letters taken from the party's name plus a numeric suffix. Alternatively, the user can type in his own shortname.

Edit Parties	
Firm Name	ABN AMRO Bank
Unit/Div.	Trade & Commodity Finance Depa
Address	Postbus 90 (AF2432) 1000 AB Amsterdam
City	Amsterdam
State/Area	
Post Code	
Country	The Netherlands
Parent	
Notes	
Key	ABN-AMRO-B----000
Contact	
Last	Maxwell
First	Paul W.
Title	Head TCF Europe
Phones/FAX/email	
O	31-20-383 2855
A	
F	31-20-628 6226
e	tcfad@abnamro
Limit	
Currency	
Outstanding	0
On	12/06/2000
Add Party	Remove Party
EXIT	

Menus continued.....

Utility menu provides for cleanup and interface with other systems.

Export Files allows the user to export the Deal, Note and Party files to Excel, System, and delimited text formats for use in other systems or custom reporting.

Import Base Rates allows the user to load today's rates from Reuters, Bloomberg, or the treasury department.

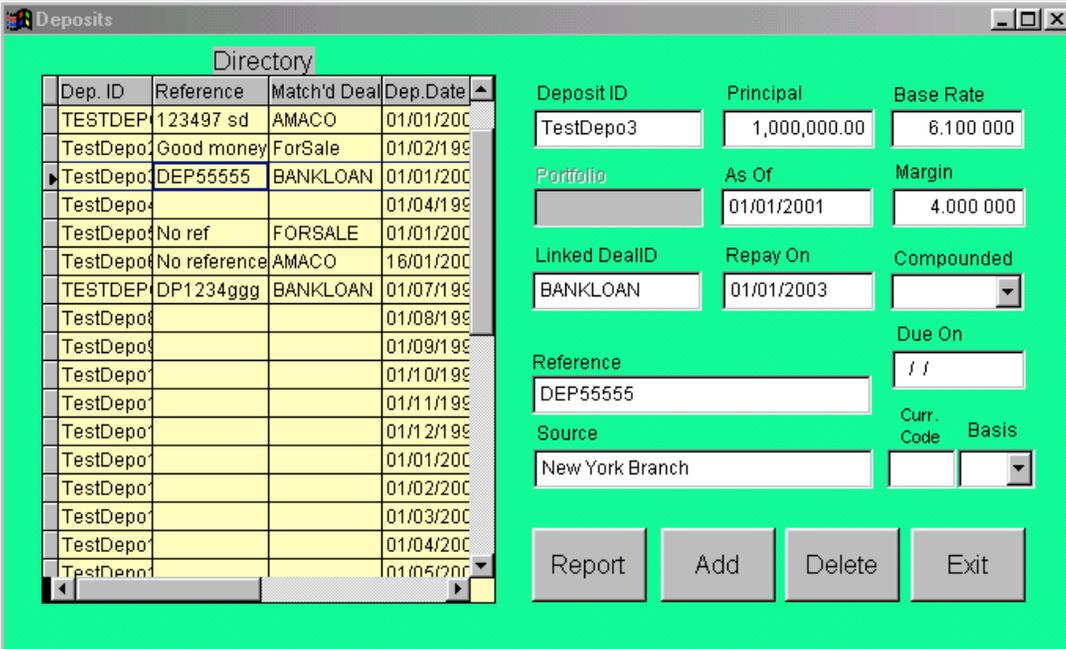
Import Party Records permits the user to load existing counterparty data from Excel, Act, and other sources.

Archive Data places in archives Deal and Note records marked for deletion that have been physically deleted from the files. These can be used to reconstruct "deleted "records, aggregated into "completed" files, or thrown away.

The Funding Module matches funding and determines profitability for each note.

The Funding Module records the liability (deposits) data for funding portfolios, determines cost of funds, and reports on gross profitability.

Deposits screen allows input of deposit data and linkage to notes and DealId.



Deposits screen continued....

Deposits extant during the discount life of a note are used to determine profitability.

The compounding method and day basis for the deposit is used.

PortoBene calculates the weighted rate, if more than one deposit is outstanding, using both principal and term.

The Pool Rate is used, if there are no deposits matched to specific deals.

Prints Deposit Report. Identifies deposits, their accruals, and other details. Indicates deals funded, if any, by the deposit.

