
CapInvest

Day-To-Day Analytical Support for Financial Institutions



Product Features

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Product Overview

- Seven Modules, provide day-to-day analytical support to financial institutions, in developing, structuring, and pricing consumer and asset finance products, such as, personal loans, hire purchase transactions, leasing, vehicle loans, installment credit, and so on:
 - HP/LOAN Equated
 - HP/LOAN Profiled
 - Lease Pricing Equated
 - Lease Pricing Profiled
 - Post Tax Pricing Module,
 - Lease Vs. Buy Module,
 - Cost of Capital Module;
- Elegant user-interface and a small foot-print of 18 MB makes CapInvest ideal for installation on laptops for use in field and for developing consumer finance proposals in real time;
- Powerful Analytical Engine provides support for complex financial calculations; Repricing Capability to address Floating Interest Rate Scenarios and Scenarios where an account is in arrear and needs to be repriced;
- No additional licensing required - CapInvest operates on the Microsoft Office Platform;



- Specialized Portals to address tasks such as developing zero financing products, to reprice a transaction or develop user-friendly savings and financial products;
- Full integration between Lease Pricing Module and Post-Tax Module which enables a user to travel seamlessly between the two modules to observe the Pre-Tax and Post-Tax effects of a lease transaction;
- Full integration between Lease Pricing Module and Lease Vs. Buy Module which enables a user to travel seamlessly between the two modules;
- Integrated Reports Module enables Reports to be easily previewed and printed – reports are constantly updated in response to changes to variables;
- Availability of large number of variables that can be manipulated by users to precisely control and develop every aspect of a financial transaction.

Features

- Develop, Structure and Price Loans and Hire Purchase Transactions for periods ranging from 1 month to 20 years;
- Option to price transaction using True Rate or Flat Rate of interest;
- Option to Goal Seek any supported variable in module; for example, easily target Profit After Tax for a desired value by changing other variables, such as for example, Annual Interest Rate;
- Payment frequencies: Monthly, Quarterly, Half-Yearly and Yearly;
- Payment Type: in Advance or in Arrears;
- Five Pricing Variables, any of which can be calculated, given data on remaining four variables: (a) Value of Loan; (b) Period of Loan; (c) Annual Interest Rate; (d) Repayment Installment; (e) Future Value Payment;
- Option to provide Cost of Capital information - profitability of transaction is automatically computed on an overall and year to year basis;
- Financials of transactions come to life, as it is in the process of being developed, including Profit Before and Interest and Tax, Profit Before Tax, Profit After Tax;



- Generate Random variables for setting up random transactions;
- Integrated Calendar helps users to easily select a start date for a transaction;
- Save transactions for retrieval at a later date;
- Option for specifying Service Charges and Direct Expenses for use in computing profitability of transaction;
- Option to use 'Totaling Sheet' for adding individual items to arrive at the capitalized value of transaction;
- Four tax year-end options: (a) March 31; (b) June 30; (c) September 30; and (d) December 31; year-to-year profitability is instantly recalculated and reports are recast on the basis of selected tax year-end and start date of transaction;
- Option to print and preview reports using: (a) U.S. Letter Size; or (b) A4 Paper Size; data is instantly reconfigured to the chosen paper size;
- Reports provide insights into, Overall Profitability of Transaction, Period by Period Profitability, Dated Present Values, Amortization Schedule of Transaction, Dated Cash Flow broken into Principal and Interest, with Annual Summaries; Overall Summary of Transaction, Dated Repayment Schedule, and so on. Preview and Print reports either individually or use Print Center to print all reports of a transaction by clicking a button.

Features

- Develop, Structure and Price Leasing Transactions for periods ranging from 1 month to 10 years;
- Support for Finance and Operating Leases;
- Fully integrate the effects of VAT into lease pricing – provides options for users to work with VAT in pricing leases, including information on Pre-VAT Rate of Return and Post VAT Rate of Return, the ability to price a lease to fully offset the effect of VAT, and so on.
- Complete integration with Post-Tax Module – see post-tax effects of lease transaction instantly via a special corridor that instantly transfers variables from Lease Pricing Module to Post Tax Module;
- Option to price leases using True Rate or Flat Rate of Interest;
- Option to Goal Seek any supported variable in module; for example, easily target Profit After Tax for a desired value by changing other variables, such as for example, Lease Pricing Rate;
- Lease Payment frequencies of Monthly, Quarterly, Half-Yearly and Yearly;
- Lease Payment in Advance or in Arrears;
- Five Lease Pricing Variables, any of which can be calculated, given data on remaining four variables: (a) Value of Lease; (b) Lease Term; (c) Annual Pricing Rate; (d) Period Lease Rental; (e) Future Value / Balloon Payment;
- Option to provide Cost of Capital information on the basis of which the profitability of transaction is automatically computed;
- See financials of transactions in action as a lease is being developed, including Profit Before and Interest and Tax, Profit Before Tax, Profit After Tax;



- Use Random pricing variables to generate random lease transactions;
- Integrated Calendar helps users to easily select a start date for transaction;
- Option to include Lease Management Fee and Direct Expenses in computing profitability of transaction;
- Save proposals for retrieval at a later date;
- Four tax year-end options available: (a) March 31; (b) June 30; (c) September 30; and (d) December 31; year-to-year profitability is instantly recalculated and reports are recast on the basis of selected tax year-end and start date of transaction;
- Options for Straight Line or Written Down Value Method to compute tax depreciation;
- Option for full year depreciation or proportional depreciation in year of investment;
- Option to use 'Totaling Sheet' to add individual cost items to arrive at the capitalized value of lease;
- Option to print and preview reports using: (a) U.S. Letter Size; or (b) A4 Paper Size; data is instantly reconfigured to the chosen paper size;
- Maximize PAT by examining the effects of different lease start dates on tax shield of a transaction – the Calendar tool helps to easily move between dates to examine profitability of transactions;
- Valuable reports provide insights into overall profitability of transaction, period by period profitability, Dated Present Values, Amortization Table of transaction, Dated Cash Flow broken into Principal and Interest, with annual summaries; overall summary of transaction, Dated Repayment Schedule, and so on. Preview and Print Reports either individually or use the Print Center to print all reports for a transaction by clicking a button.

- Exceptionally easy and elegant user interface helps in profiling repayments for periods ranging from 1 month to 10 years;
- 'Reverse Engineer' a financial transaction – compute rate of return or principal value from a set of cash flows (equated or un-equated);
- Unlimited profiling factors to fully reflect borrower and lender cash flow requirements; factors can be as small as .0001 or as large as a million;
- Prepare Profiled Repayment Schedules using either (a) Profiling Factors; or (b) Absolute Values for Cash Flow;
- Helps in developing unique and useful repayment schedules that are unequal from period to period and that fully reflect cash flow requirements, while maintaining the lender's rate of return expectations for the transaction;
- Highest and lowest profiling factors in profiling grid are color coded for benefit of users;
- Profiling grid configures itself from user options for repayment period and repayment frequency;
- Ability to generate random profiling factors in profiling grid;
- Fully integrates the effects of VAT on pricing – provides information on the Pre-VAT and Post-VAT Rates of Return, the ability to price a transaction to fully offset the effect of VAT;

- Supports Goal Seek to target any of the variables in the module;
- Set options for three Pricing Variables to calculate the base repayment / installment, that satisfies profiling requirements of a transaction: (a) Value of Loan / Asset; (b) Term; (c) Annual Pricing Rate;
- Payment frequencies supported: monthly, quarterly, half-yearly, yearly;
- Payment types supported: advance payments and arrear payments;
- Repayment Schedule prepares dated schedule of repayments, that reflect user specified profiling requirements;
- Amortization Schedule provides period by period breakup of cash flow into interest and principal and sets out a statement of account of the transaction;
- Provides a summary of transaction in main module, such as First Payment Date, Last Payment Date, Total Revenue, Gross Profit, PV of Rentals, NPV of Lease, VAT Inflows, VAT Outflows, and so on, as transaction is being developed.



Features

- Develop, Structure and Price Leasing Transactions for periods ranging from 1 month to 10 years to instantly view post-tax effect of transaction;
- Support for Finance and Operating Leases;
- Complete integration with Pre-Tax Module – see pre-tax effects and reports of lease transaction instantly via a special corridor that instantly transfers variables from Post Tax Module to Lease Pricing Module;
- Employs special financial function to compute post-tax rate of return of a transaction that accommodates an irregularly spaced cash flow schedule;
- Four tax year-end options available: (a) March 31; (b) June 30; (c) September 30; and (d) December 31; year-to-year profitability is instantly recalculated and reports are recast on the basis of selected tax year-end and start date of transaction;
- See effect of depreciation on post tax rate of return and summary of transaction as lease transaction is being developed;
- Lease Payment frequencies of Monthly, Quarterly, Half-Yearly and Yearly;
- Lease Payment in Advance or in Arrears;
- Five Lease Pricing Variables, any of which can be calculated, given data on remaining four variables: (a) Value of Lease; (b) Lease Term; (c) Annual Pricing Rate; (d) Period Lease Rental; (e) Future Value / Balloon Payment;
- Option to provide Cost of Capital information on the basis of which the profitability of transaction is automatically computed;



- Valuable reports provide insights into post-tax performance of a lease – dated post-tax flows provide a complete listing of cash flow items and tax shield and payments by actual dates;
- Option to specify delay in tax payment from year-end;
- Use Random pricing variables to generate random transactions;
- Integrated Calendar helps users to easily select a start date for transaction;
- Option to include Lease Management Fee and Direct Expenses in computing post-tax profitability of transaction;
- Options for Straight Line or Written Down Value Method to compute tax depreciation;
- Option for full year depreciation or proportional depreciation for year of investment;
- Option for user to enter customized depreciation schedule to take care of special items such as investment allowance;
- Option to Goal Seek any supported variable in module; for example, easily target Profit After Tax for a desired value by changing other variables, such as for example, Lease Pricing Rate;
- Option to print and preview reports using: (a) U.S. Letter Size; or (b) A4 Paper Size; data is instantly reconfigured to the chosen paper size;
- Maximize PAT by examining the effects of different lease start dates on tax shield of a transaction – (a) the Calendar helps to easily move between dates to examine profitability of transactions; (b) a special scroll bar is available with options to move forward lease start date by a month at a time and for selecting dates at beginning or end of a month.

Features

- Option to set values for large number of “Lease” variables in carrying out the lease vs. buy analysis: Lease Pricing Rate, Lease Management Fee, Lease Term from 1 to 10 years, Balloon Value, Asset Value;
- Option to set values for large number of “Buy” variables in carrying out the lease vs. buy analysis: Interest Rate on Comparable Borrowings, Cost of Equity, Percentage of Debt Financing, Percentage of Equity Financing, Tax Rate of Lessee, Tax Depreciation Rate of Asset, Depreciation Types of Straight Line or WDV, Tax Life of Asset, Delay in Payment of Tax from tax Year-End;
- Option to use a custom rental profile, rather than equated rentals, in carrying out the analysis;
- Option to use custom depreciation schedule, rather than Straight Line or WDV, in carrying out the analysis;
- Transaction Wrap-up while transaction is being developed, includes information on the following: Pre-Tax Cost of Debt, Post-Tax Cost of Debt, Pre-Tax Cost of Equity, Post-Tax Cost of Equity, Pre-Tax Cost of Capital, Post-Tax Cost of Capital, Present Value of Lease Outflows, Present Value of Buy Outflows, and the Advantage (or disadvantage) of Leasing;
- Option to quickly setup a “default” comparison between leasing and buying by clicking ‘Default’ button;



- Option to set equivalency between variables in leasing and buying by clicking ‘Equivalency’ button;
- Option to develop proposals that maximize the advantage of leasing, by using Spinner Control for easy entry and incrementing/decrementing of variables such as, Lease Pricing Rate, Lease Term, Tax Rate, Depreciation Rate, and so on;
- Option to compute Break-Even values (or indifference between Leasing and Buying) for the following “Buy” Variables: (a) cost of debt; (b) cost of equity; (c) debt financing; (d) tax rate; (e) depreciation rate; for example, as can be seen, the default value of cost of debt and cost of leasing is 20% and yet, the advantage to leasing is 4,567 – a user can easily compute a cost of debt point at which there would be indifference between leasing and buying; clicking the small green button in the cell indicates that cost of debt would need to be lower at 14.23%, for indifference between lease and buy alternatives;
- Technical details of the lease vs. buy analysis is contained in a detailed report;
- Other reports include, a report on the Economics of Leasing and a report on the Economics of Buying;
- Option to print and preview reports using: (a) U.S. Letter Size; or (b) A4 Paper Size; data is instantly reconfigured to the chosen paper size.

Features

- Options to set the opening and closing FX rates;
- Option to set Contract Amount of Borrowings;
- Option to set issue price;
- Option to set coupon rate;
- Option to set direct expenses in negotiating line of credit;
- Option to set Statutory Reserve for the borrowing / line of credit;
- Option to set interest rate on Statutory Reserve Deposits;
- Simple interface
- Cost of Capital calculations set out in the main sheet of the module.

