

SOFTWARE AT-A-GLANCE

FINANCE/INVESTMENT

	Administration/Documents	Analysis	Cash Flow/Projections	Compliance/Testing	Data Management/Warehousing	Defined Benefit	Defined Contribution/401(k)	Education/Training	FAS 106	Financial Reporting	Illustrations	Loss Reserving	Modeling	Pricing	Ratings	Valuation	Listing on page	Ad on page
EMB America																	54	15
Igloo Professional													✓					
GGYAXIS Inc.																	54	55
AXIS		✓	✓	✓						✓			✓	✓		✓		
DataLink		✓	✓	✓						✓			✓	✓		✓		
ScenarioTools		✓	✓	✓						✓			✓	✓		✓		
Stochastic Processing Module		✓	✓	✓						✓			✓	✓		✓		
AXIS GridLink		✓	✓	✓						✓			✓	✓		✓		
Lewis & Ellis, Inc.																	54	59
LEAPPS*		✓	✓										✓	✓				
LE*XLTools™		✓	✓										✓	✓				
Lynchval																	54	89
LVval	✓	✓	✓			✓		✓		✓	✓		✓			✓		
LVadmin	✓	✓	✓		✓	✓		✓		✓	✓		✓			✓		
LVa4	✓	✓		✓	✓	✓	✓	✓										
Mathematical Finance Company																	57	10
MFC Economic Scenario Generator™													✓					
Finder													✓					
Milliman																	57	1,3 13, 61
MG-ALFA		✓	✓	✓						✓	✓		✓	✓		✓		
Palisade Corporation																	57	69
@RISK Developer's Kit		✓			✓					✓			✓	✓		✓		
StatTools			✓		✓					✓			✓	✓		✓		
RISKOptimizer		✓	✓		✓					✓			✓	✓		✓		
@RISK for Project		✓	✓		✓					✓			✓	✓		✓		
@RISK		✓	✓		✓					✓			✓	✓		✓		
PolySystems, Inc.																	57	63, C3
Asset Delphi		✓	✓	✓	✓					✓		✓	✓			✓		
SS&CTechnologies																	58	64
PTS	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	✓	✓		
SunGard																	58	23
iWORKS Prophet		✓	✓	✓						✓			✓	✓		✓		
TAI																	58	91
TAI Life Reinsurance System	✓																	
Towers Perrin																	58	8-9
MoSes™ 5		✓	✓	✓						✓	✓		✓	✓		✓		
TAS Tillinghast Actuarial Software™ 10		✓	✓	✓						✓	✓		✓	✓		✓		
TAS: P/C Tillinghast Actuarial Software™		✓	✓	✓						✓			✓		✓	✓		
Global CAP: Link™		✓	✓										✓			✓		
Winklevoss Technologies																	58	65
ProVal	✓	✓	✓	✓	✓	✓			✓	✓			✓			✓		
ProValPS	✓	✓	✓		✓	✓			✓	✓			✓					

GROUP/HEALTH

Actuarial Resources Corporation

HealthVAL

AdminServer

AdminServer Policy Admin. System

Connecture

Enterprise Rate Engine

Medical Underwriting Automation

Quoting and Proposal Generation

Enrollment and Installation

Renewal Automation

Sales Automation

GGYAXIS Inc.

AXIS

DataLink

ScenarioTools

Stochastic Processing Module

AXIS GridLink

Integrated Actuarial Services

Total Health™

Lewis & Ellis, Inc.

Lewis & Ellis Health Care Model

LEAPPS*

IBSEN Life

AKS

LE*CREDITADMIN™

Lynchval

LVmed

Milliman

MG-ALFA

MG-Triton Health

PolySystems, Inc.

HealthMaster

Delphi Series

Asset Delphi

Horizon Series

Measure

SS&C Technologies

PTS

SunGard

iWORKS Prophet

Towers Perrin

MoSes™ 5

TAS Tillinghast Actuarial Software™ 10

HealthMAPS*

Winklevoss Technologies

ProVal

WySTAR Global Retirement Solutions

OPEVS

	Administration/Documents	Analysis	Cash Flow/Projections	Compliance/Testing	Data Management/Warehousing	Defined Benefit	Defined Contribution/401(k)	Education/Training	FAS 106	Financial Reporting	Illustrations	Loss Reserving	Modeling	Pricing	Ratings	Valuation	Listing on page	Ad on page
Actuarial Resources Corporation																	60	21
HealthVAL																	✓	
AdminServer																	60	11
AdminServer Policy Admin. System	✓										✓							
Connecture																	60	66
Enterprise Rate Engine																		
Medical Underwriting Automation																		
Quoting and Proposal Generation																		
Enrollment and Installation																		
Renewal Automation																		
Sales Automation																		
GGYAXIS Inc.																	60	55
AXIS		✓	✓	✓						✓			✓	✓				
DataLink		✓	✓	✓						✓			✓	✓				
ScenarioTools		✓	✓	✓						✓			✓	✓				
Stochastic Processing Module		✓		✓						✓			✓	✓				
AXIS GridLink		✓	✓	✓						✓			✓	✓				
Integrated Actuarial Services																	62	56
Total Health™			✓							✓				✓				
Lewis & Ellis, Inc.																	62	59
Lewis & Ellis Health Care Model		✓											✓	✓				
LEAPPS*		✓	✓										✓	✓				
IBSEN Life	✓	✓								✓								
AKS										✓								
LE*CREDITADMIN™	✓									✓								
Lynchval																	62	89
LVmed		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓					
Milliman																	62	1,3 13,61
MG-ALFA		✓	✓	✓						✓	✓		✓	✓				
MG-Triton Health		✓	✓							✓			✓	✓				
PolySystems, Inc.																	64	63,63
HealthMaster																		
Delphi Series													✓					
Asset Delphi		✓	✓	✓	✓					✓		✓	✓					
Horizon Series					✓													
Measure		✓																
SS&C Technologies																	64	64
PTS	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	✓			
SunGard																	66	23
iWORKS Prophet		✓	✓	✓						✓			✓	✓				
Towers Perrin																	66	8-9
MoSes™ 5		✓	✓	✓						✓	✓		✓	✓				
TAS Tillinghast Actuarial Software™ 10		✓	✓	✓						✓	✓		✓	✓				
HealthMAPS*		✓								✓		✓	✓	✓				
Winklevoss Technologies																	67	65
ProVal	✓	✓	✓	✓	✓	✓			✓	✓			✓					
WySTAR Global Retirement Solutions																	67	74
OPEVS		✓	✓						✓									

2006 Directory of Actuarial Software

	Administration/Documents	Analysis	Cash Flow/Projections	Compliance/Testing	Data Management/Warehousing	Defined Benefit	Defined Contribution/401(k)	Education/Training	FAS 106	Financial Reporting	Illustrations	Loss Reserving	Modeling	Pricing	Ratings	Valuation	Listing on page	Ad on page
LIFE ANNUITIES																		
Actuarial Resources Corporation																		
ARCVAL		✓	✓		✓					✓			✓			✓	67	21
ARCBase		✓			✓													
CARVM																✓		
Dividend Designer		✓								✓			✓					
Experience Analyzer		✓								✓			✓					
Experience Analyzer—Lite		✓								✓			✓					
Earnings Analyzer		✓	✓															
Financial Forecaster		✓	✓										✓					
GAAP			✓							✓			✓					
GAAP History Builder		✓	✓										✓					
STAR			✓							✓			✓					
Structures																✓		
SunGard iWORKS Prophet		✓	✓	✓						✓			✓	✓		✓		
TL-Flyer																✓		
UltraVAL																✓		
AdminServer																		
AdminServer Policy Admin. System		✓									✓						68	11
ReinsuranceServer		✓																
UVServer		✓								✓						✓		
A.M. Best Company																		
Best's Aggregates & Averages—Online (Life/Health)			✓							✓			✓				68	53
Best's Statement File—Life/Health US			✓							✓			✓		✓			
COSS Development Corp.																		
COSS Enterprise™		✓						✓			✓						69	72
COSS Tools		✓									✓		✓					
COSS Enterprise AF		✓						✓			✓		✓					
COSS Enterprise Annuities								✓			✓		✓					
COSS Needs Analysis								✓			✓		✓					
COSS Advanced Marketing								✓			✓		✓					
COSS Illustrations											✓		✓					
COSS Enterprise Worksite Enrollment								✓			✓							
COSS iFORMS Electronic Forms		✓																
GGYAXIS Inc.																		
AXIS		✓	✓	✓						✓			✓	✓		✓	70	55
DataLink		✓	✓	✓						✓			✓	✓		✓		
ScenarioTools		✓	✓	✓						✓			✓	✓		✓		
Stochastic Processing Module		✓	✓	✓						✓			✓	✓		✓		
AXIS GridLink		✓	✓	✓						✓			✓	✓		✓		
Integrated Actuarial Services, Inc.																		
Total-Solurion™				✓						✓				✓		✓	70	56
RAAPID Policy Administration System™		✓								✓				✓		✓		
Principle-Based Total-Solution			✓							✓				✓		✓		
Lewis & Ellis, Inc.																		
Insurance Desk											✓						70	59
In-Force Illustration System											✓							
e-Insurance Desk											✓							
InsQuote											✓							
LEAPPS*		✓	✓										✓	✓				
LE*XTRAS™										✓						✓		
LE*XPOSURE™		✓								✓						✓		
LE*DIS™		✓								✓						✓		

	Administration/Documents	Analysis	Cash Flow/Projections	Compliance/Testing	Data Management/Warehousing	Defined Benefit	Defined Contribution/401(k)	Education/Training	FAS 106	Financial Reporting	Illustrations	Loss Reserving	Modeling	Pricing	Ratings	Valuation	Listing on page	Ad on page
Lewis & Ellis (continued)																		
IBSEN Life	✓	✓								✓						✓		
AKS										✓						✓		
LE*XLTools		✓	✓										✓	✓				
LE*CREDITADMIN™	✓									✓						✓		
Milliman																		
MG-ALFA		✓	✓	✓						✓	✓		✓	✓		✓	72	1,3 13,61
MG-Triton Traditional Life		✓	✓	✓						✓			✓			✓		
MG-Triton Payout Annuity		✓	✓	✓						✓			✓			✓		
MG-Triton Deferred Annuity		✓	✓	✓						✓			✓			✓		
MG-Triton Interest-Sensitive Life		✓	✓							✓						✓		
STEPSolutions	✓																	
Palisade Corporation																		
@RISK Developer's Kit		✓				✓				✓			✓	✓		✓	73	69
StatTools			✓			✓				✓			✓	✓		✓		
RISKOptimizer		✓	✓			✓				✓			✓	✓		✓		
@RISK for Project		✓	✓			✓				✓			✓	✓		✓		
@RISK		✓	✓			✓				✓			✓	✓		✓		
PolySystems, Inc.																		
AnnuityMaster																✓	73	63,C3
UL Master																✓		
LifeMaster																✓		
Dividend Generator		✓								✓			✓					
Delphi Series			✓										✓	✓				
Asset Delphi		✓	✓	✓	✓					✓		✓	✓			✓		
FAS 97 Reporting System			✓													✓		
FAS 120 Reporting System			✓													✓		
Income PayMaster																✓		
Horizon Series						✓												
Measure		✓																
SOE Series		✓																
Quasar Systems, Inc.																		
R ² —Reinsurance Resolution	✓																75	71
SS&CTechnologies																		
PTS	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	✓	✓	75	64
SunGard																		
iWORKS Prophet		✓	✓	✓						✓			✓	✓		✓	75	23
Towers Perrin																		
MoSes™ 5		✓	✓	✓						✓	✓		✓	✓		✓	75	8-9
TAS Tillinghast Actuarial Software™ 10		✓	✓	✓						✓	✓		✓	✓		✓		
VALUE™		✓																
PENSIONS																		
AdminServer																		
AdminServer	✓										✓						76	11
BLAZE SSI Corp.																		
PENDEAS—Pension Ideas Illustration System				✓		✓	✓				✓		✓				76	76
EBP/DB Employee Benefit Plan Valuation System				✓		✓	✓				✓		✓			✓		
EBP/DC/ 401(k) Employee Benefit Plan Valuation System				✓		✓	✓				✓		✓			✓		
Regulatory Testing System (RPS)				✓														
GOVFORMS	✓									✓								
Cafeteria Plan Administration System (CPASD)	✓																	
Minimum Distribution System (MINDIST)						✓	✓											

2006 Directory of Actuarial Software

	Administration/Documents	Analysis	Cash Flow/Projections	Compliance/Testing	Data Management/Warehousing	Defined Benefit	Defined Contribution/401(k)	Education/Training	FAS 106	Financial Reporting	Illustrations	Loss Reserving	Modeling	Pricing	Ratings	Valuation	Listing on page	Ad on page	
Blaze SSI (continued)																			
FAS106									✓	✓									
Plan Termination System							✓												
FAS87 System						✓				✓									
Lynchval																			
LVval	✓	✓	✓			✓		✓		✓	✓		✓				✓	77	89
LVadmin	✓	✓	✓		✓	✓	✓	✓		✓	✓		✓				✓		
LVa4		✓		✓		✓	✓	✓									✓		
PensionSoft Corporation																			
DB Precision	✓				✓	✓				✓			✓					77	73
PolySystems, Inc.																			
Income PayMaster																		77	63,C3
Delphi Series			✓										✓						
Asset Delphi		✓	✓	✓	✓					✓		✓	✓				✓		
Horizon Series					✓														
Winklevoss Technologies																			
ProVal	✓	✓	✓	✓	✓	✓			✓	✓			✓				✓	78	65
ProAdmin	✓					✓					✓		✓						
ProValPS		✓	✓			✓				✓	✓		✓						
WySTAR Global Retirement Solutions																			
DBVAL		✓	✓		✓	✓							✓				✓	78	74
DCVAL				✓	✓		✓						✓				✓		
GRT		✓		✓		✓	✓												
OPEVS		✓	✓						✓								✓		

PROPERTY/CASUALTY

A.M. Best Company																			
Best's Aggregates & Averages—Online (Property/Casualty)		✓								✓			✓					79	53
Best's Property/Casualty Center—Premium Data and Reports		✓								✓						✓			
Best's Statement File—Property/Casualty—US		✓								✓			✓		✓				
EMB America																			
Igloo Professional													✓					79	
ExtrEMB													✓						
EMBLEM													✓		✓				
Rate Assessor													✓		✓				
Classifier													✓		✓				
ResQ Professional												✓							
RePro												✓							
PrisEMB															✓				
Insureware																			
ICRFS-Plus		✓			✓							✓	✓	✓				80	27,46
ICRFS-ELRF		✓			✓							✓	✓	✓				47,87	
Palisade Corporation																			
RISKOptimizer		✓	✓		✓								✓	✓				80	69
SS&C Technologies																			
Finesse		✓	✓		✓			✓		✓	✓		✓	✓	✓			80	64
Towers Perrin																			
MoSes™ 5		✓	✓	✓						✓	✓		✓	✓		✓		80	8-9
TAS: P/C Tillinghast Actuarial Software™		✓	✓	✓						✓	✓		✓	✓		✓			
RPIL: Excess Loss System		✓	✓							✓			✓	✓					

Finance/Investment



EMB America LLC

www.embamerica.com
12680 High Bluff Drive, Suite 110
San Diego, CA 92130

CONTACT: Thomas Hettinger

EMAIL: tom.hettinger@embamerica.com

Also see our ad on page 15

Igloo Professional-Financial Simulation Engine for Risk Modeling

FUNCTION: Modeling

Meeting the demand for sophisticated financial modeling, Igloo Professional fills the gap between defining the problem and implementing the solution. Igloo Professional is designed to help actuaries and analysts create customized models that take into account the uncertainties of the real world to develop solutions to complex problems facing insurers. Igloo is being used by individual companies and global insurance conglomerates to assess reinsurance options, to understand optimal asset structures, to facilitate comprehensive business planning, and to determine capital requirements. Contingencies | MAR/APR.06 75



GGYAXIS Inc.

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5001 Yonge Street, Suite 1300
Toronto, Ont M2N 6P6
(877) GGY-AXIS

CONTACT: Bill Young

EMAIL: by@ggyaxis.com

Also see our ad on page 55

AXIS

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS is different—offering an integrated solution for Pricing, Projection and Valuation of Life, Disability, Annuity and Living Benefits. AXIS applications include ALM; Surplus, Stochastic and Cash Flow Testing; and Earnings Analysis. AXIS is extremely fast, flexible and easy to learn and use. GGY supports 1000+ users in 80+ companies. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

DataLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

DataLink allows you the flexibility and speed to use seriatim data for all your work, not just valuation. DataLink is a flexible and powerful database tool that allows you to automate the preparation, running, analysis and reporting of seriatim inforce and transaction data as well as new business. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

ScenarioTools

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

ScenarioTools allows you to identify, quantify and manage your risks. ScenarioTools is a package of tools within AXIS that generates scenarios for yield curves and/or equity values; analyses the scenarios; and analyses the projected results. The scenario generators include Risk Neutral and Actuarial or Real World models. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

Stochastic Processing Module

FUNCTION: Analysis, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

This module is specifically designed for stochastic analysis such as that needed to comply with the C3 Phase II recommendations for Variable Annuity. The module provides powerful new tools to model and analyse scenario sensitive products under large numbers of scenarios within dramatically improved timeframes so that seriatim is an option. OTHER FUNCTIONS: Capital Requirements

AXIS GridLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS GridLink- A fully automated Grid solution that offers a comprehensive set of tools to help you create and manage a more efficient and secure production environment. With GridLink, you can easily add more processors and automatically reduce AXIS runtimes when complex processes on large volumes of data are involved. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM



Lewis & Ellis, Inc.

www.LewisEllis.com
10561 Barkley Street, Suite 470
Overland Park, KS 66212
(913) 491-3388

CONTACT: Gary L. Rose

EMAIL: GRose@LewisEllis.com

Also see our ad on page 59

LEAPPS®

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Pricing

LEAPPS®, a pricing and projection system, meets the demands of a changing financial services environment as a cost effective solution with numerous capabilities ranging from pricing and cash flow testing to appraisals and illustration actuary testing. Traditional life, universal life, annuities, health and credit insurance products are supported.

LE*XLTools™

CONTACT: Gary L. Rose

EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Pricing

LE*XLTools™ is a Microsoft Excel add-in that uses the Mersenne Twister to generate random numbers, has commutation and associated actuarial functions, and implements the prudent banker's method to determine the internal rate of return. It can be used with or without VBA.



Lynchval Systems Worldwide Inc.

www.lynychval.com
4170 Lafayette Center Drive Suite 500
Chantilly, VA 20151
(703) 709-1000

CONTACT: Mark Webster

EMAIL: sales@lynchval.com

Also see our ad on page 89

LVval

FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Defined Benefit, Education/Training, Financial Reporting, Illustrations, Modeling, Valuation

Defined benefit valuation software has flexibility for valuation of any current or future plan formula. Provides single-click, client-ready reporting of 412/404/OBRA/ RPA/PBGC/FAS87/FAS35 valuations and model valuation reports. Deterministic and Stochastic Asset Liability Modeling included. Windows interface includes utilities for data validation/analysis,

rate table entry and interpolation, multiple file viewing, Social Security Benefit Calculation, Actuarial Factors and Functions, reporting via ODBC database.

LVadmin

FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Data Management/Warehousing, Defined Benefit, Education/Training, Financial Reporting, Illustrations, Modeling, Valuation

Defined benefit administration software which performs normal and optional form benefit calculations for single and multiemployer corporate and government plans.

LVa4

FUNCTION: Analysis, Compliance/Testing, Defined Benefit, Defined Contribution/401(k), Education/Training

Description: 401 (a)(4) discrimination testing used with LVa4 or other DB valuation systems. Can also be used on a stand-alone basis to cross test DC plans. Features include: normalization, accounting for permitted disparity, normal and most valuable accrual rates for DB plans, testing on either a contribution or benefit basis, automatic plan restructuring.



Mathematical Finance Company

www.mathematical-finance.com
4313 Lawrence Street
Alexandria, VA 22309
(703) 799-0518

CONTACT: Mark S. Tenney

EMAIL: mfc@patriot.net

Also see our ad on page 10

MFC Economic Scenario Generator™

FUNCTION: Modeling

Generates stochastic scenarios of yield curves, stock indices, exchange rates and other variables in a variety of currencies. Can be used for C3 Phase II.

Finder

FUNCTION: Modeling

Finder generates low discrepancy sequences of random numbers that can be used with the MFC ESG or other applications. This reduces the number of scenarios.



A MILLIMAN GLOBAL FIRM

Milliman

Consultants and Actuaries

Milliman

www.milliman.com
1301 Fifth Avenue, Suite 3800
Seattle, WA 98101-2605
(206) 624-7940

CONTACT: Brian S. Reid

E-MAIL: brian.reid@milliman.com

Also see ads on pages 1, 3, 13, 61

MG-ALFA

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

The next-generation actuarial projection system from Milliman. Supports life, health, annuities, and a full range of asset classes. Capabilities include pricing, projections, GAAP, ALM, and all forms of stochastic analysis. Integrated with DataSynapse's GridServer for scenario-based distributed processing. Advantages include flexibility, speed, auditability, and outstanding support.



Palisade Corporation

www.palisade.com
798 Cascadilla Street
Ithaca, NY 14850
(607) 277-8000

E-MAIL: sales@palisade.com

Also see our ad on page 69

@RISK Developer's Kit

FUNCTIONS: Analysis, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

Add Monte Carlo simulation to applications outside of Excel. Use the same powerful distribution functions, sensitivity analyses and other features in your own custom applications. Control the model structure, so that users only input uncertain elements. You can even run your simulations over a web or network server.

StatTools

FUNCTIONS: Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

The new statistical analysis add-in for Microsoft Excel, StatTools replaces Excel's statistics functions with a new set of robust, accurate functions. Stop exporting your data to perform advanced statistical analysis - now you can work directly in Excel. StatTools includes the most commonly used procedures and lets you create your own customized procedures in Excel's VBA.

RISKOptimizer

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Modeling, Pricing

For high-speed optimization under uncertainty in Excel. Ideal for complex optimization problems such as resource allocation or pricing decisions. RISKOptimizer tries different solutions and runs Monte Carlo simulations on each one in order to determine the best possible overall solution.

@RISK for Project

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

The risk analysis add-in for Microsoft Project. Take uncertainty into account when examining schedules and costs of your projects. Use Monte Carlo simulation to see what could happen in your project model, and how likely it is to happen. Make contingency plans based on what could happen.

@RISK

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

@RISK is the risk analysis add-in for Microsoft Excel. Using Monte Carlo simulation, @RISK will tell you not only what could happen in your spreadsheet model, but how likely it is to happen. Commonly used by actuaries for loss reserves, pricing, and other modeling in Excel, @RISK can be used with any spreadsheet model.



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CONTACT: Gary Busse or Bob Keating

E-MAIL: gbusse@polysystems.com or
bkeating@polysystems.com

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Asset Delphi

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Financial Reporting, Loss Reserving, Modeling, Valuation

Asset Delphi is a PC based financial projection tool that is used for asset/liability management, corporate planning, cash flow testing, GAAP and Statutory financial simulations. Asset Delphi facilitates the interactions between the projected asset cash flows of a company's investment portfolio and the liability cash flows generated by PolySystems' powerful liability projection software for all lines of business. Asset Delphi is used as a dynamic management tool to utilize the results of the asset/liability interactions and to assist in the business decision process. PolySystems valuation and projection functions are grid enabled for large company jobs.



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80 Lambertson Road
Windsor, CT 06095
(860) 298-4500
CONTACT: Warren Nagle
EMAIL: wnagle@ssinc.com
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PTS

FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Education/Training, Financial Reporting, Illustrations, Loss Reserving, Modeling, Pricing, Ratings, Valuation

Robust decision support system providing comprehensive pricing, cashflow testing, ALM and corporate modeling for traditional, universal life and annuity products. Includes XXX testing for UL and traditional products. AnalyticsExpress lets you analyze and present output at any level of detail. Also includes the Intex Data Wizard, a web-based utility for downloading Intex data.

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SunGard

SunGard provides IT solutions for the insurance industry in each of the following major business lines: life/annuities/pensions, property and casualty, reinsurance and asset management. SunGard offers a range of solutions from front-office tools and policy administration to back-office reinsurance, actuarial calculations, financial and investment accounting and reporting, to more than 1,500 insurance companies worldwide. SunGard's professional services team provide consulting, implementation and outsourcing with experienced insurance business and technology experts.

iWORKS Prophet

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

SunGard's iWORKS Prophet is an integrated suite of actuarial systems used primarily by insurance companies to perform actuarial calculations including profit testing, projections, reserving, asset liability modeling, stochastic modeling, risk management and experience analysis.



Life Reinsurance Systems

TAI, Inc.

www.taire.com
10727 Winterset Drive
Orland Park, IL 60467
(708) 403-7775

CONTACT: John Carroll
EMAIL: info@taire.com

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TAI Life Reinsurance System

FUNCTION: Administration/Documents

Life Reinsurance Administration for ceding and assuming reinsurance. Offered on three platforms: .Net, Mainframe, and GUI Client Server. Handles all life product forms and reinsurance arrangements. Facilitates retention management, claims tracking and reporting of all external data in electronic format. Third party administration is also available.



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CONTACT: Tillinghast Software Solutions
E-MAIL: softwaresolutions@towersperrin.com

Also see ads on pages 8-9

MoSes™ 5

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

MoSes delivers unmatched flexibility with powerful control and audit tools. Applications now include TAS Tillinghast Actuarial Software. Our variable annuity applications for RBC C-3 Phase II and dynamic hedging help companies satisfy new requirements. MoSes excels at advanced solutions, such as stochastic-on-stochastic analysis and risk management.

TAS Tillinghast Actuarial Software™ 10

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

TAS 10 provides comprehensive features for U.S. life, annuity and health insurance products. Now available on the MoSes™ platform, TAS features advanced model control and troubleshooting, transparency of formulas and auditing results, efficient input across products, and database-driven reporting. Companies using TAS 10 in combination with MoSes developer tools have complete flexibility to customize TAS.

TAS:P/C Tillinghast Actuarial Software™

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Ratings, Valuation

TAS:P/C is a financial projection software system that performs scenario testing with fully integrated asset and liability modeling under alternative economic, capital market and insurance market environments. The software is designed to help property/casualty insurance companies evaluate business strategies, assess capital requirements, analyze reinsurance options, manage volatility and measure value creation.

Global CAP:Link™

FUNCTION: Analysis, Cash Flow/Projections, Modeling

Global CAP:Link™ generates economic scenarios to help institutional investors with "decision-making under uncertainty." To adequately reflect the variability that financial markets are subject to, Global CAP:Link simulates a range of realistic, possible outcomes. Global CAP:Link works seamlessly with Tillinghast's financial insurance models—TAS, MoSes™ and TAS:P/C—to support global asset/liability management studies including dynamic hedging, product pricing and cash flow testing.

Winklevoss Technologies

www.winklevoss.com/wintech
500 West Putnam Avenue
Greenwich, CT 06830
(203) 861-5530

CONTACT: Joe Gilbert
E-MAIL: sales@winklevoss.com

Also see ad on page 65



ProVal

FUNCTIONS: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Defined Benefit, FAS 106, Financial Reporting, Modeling, Valuation

Comprehensive software for valuations and projections of defined benefit and OPEB plans. Handles U.S. qualified, SERP, public, Canadian registered, and other international plans. Flexible design includes data scrubber, comprehensive assumptions, detailed sample lives, gain/loss analysis, funding/accounting exhibits, experience studies & nondiscrimination tests. Stochastic projections include state-of-the-art capital market simulator.



ProValPS

FUNCTIONS: Analysis, Cash Flow/Projections, Defined Benefit, FAS 106, Financial Reporting, Modeling

Graphical DB plan tool kit designed for the plan sponsor or the plan's advisor. Powered by ProVal, ProVal PS offers Financial Sensitivity, Disclosure and Budgeting and Asset Allocation tools. Includes the ability to consider the plan sponsors' goals and observe their affect on investment options from the efficient frontier.

Group Health



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Overland Park, KS 66209
(913) 451-0044

CONTACT: Chris Peek
EMAIL: Chris.Peek@arcval.com

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HealthVAL

FUNCTION: Valuation

HealthVAL conducts valuation of disability income, long term care, cancer, and hospital products. Its generalized design values any health product using claim costs. It performs on-the-fly calculations and factor application. Standard claim cost tables are included. Health fully supports rider reserves calculations. It handles multiple occupation classes, elimination periods, and benefit periods within a single plan code. Benefit streams for policies may be varied at the contract level.

AdminServer

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Chester, PA 19013
(610) 619-3100

CONTACT: Jim Rourke
EMAIL: info@adminserver.com

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AdminServer Policy Administration System

FUNCTION: Administration/Documents, Illustrations

AdminServer is the premier software solutions provider for all segments of the insurance community. The AdminServer System is not only superior to traditional legacy systems in business functionality, but will finally solve the time-to-market challenges that have plagued the industry for decades. This advanced rules-driven system enables rapid product development of sophisticated products, and includes valuation, E-Apps with suitability checks, illustrations, product profile repository capabilities and an integrated document print engine. Plus, carriers can further reduce the cost for policy/contract ownership services by supporting all product lines on one single platform across the enterprise. The system is available on both J2EE and .NET platforms.

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101 Marietta Street, Ste. 1700
Atlanta, GA 30303
(404) 879-4600

CONTACT: Ann Simons
EMAIL: asimons@connecture.com

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Enterprise Rate Engine

Connecture's sophisticated Rating module provides underwriting and actuarial staff a comprehensive toolset to maintain organizational rate and product data and houses all rating algorithms and computation rules. The key segments of this module are Rate Administration (used to apply rate factor and table changes) and Product Administration, utilized for plan packaging to supply data to the Rating Engine.

Medical Underwriting Automation

Connecture's automated Underwriting module fully automates the insurer's underwriting process, covering the analysis of a quote and new enrollment to producing an approval/decline decision and generating a final rate. It also enables screening, qualification and eligibility rules to be defined and maintained and tools to aid the underwriter in the analysis and application of medical condition debit rules.

Quoting and Proposal Generation

FUNCTION: Pricing

The InsureConnect quoting engine supports unlimited rating factors and interdependencies from preliminary to final quote calculations. The Quoting module is typically integrated with InsureConnect Rating, offering a complete quoting and workflow system; however, the Connecture solution may be seamlessly integrated with a third-party quoting system.

Enrollment and Installation

Connecture's Enrollment and Installation module provides for end-to-end administration of the application and enrollment process. Automated enrollment includes a "smart" application, a feature-rich user interface technology employing advanced data collection and validation techniques. Also included with this module is support for electronic payment and integrated case installation.

Renewal Automation

FUNCTION: Pricing

Connecture's automated Renewals module covers the production, distribution, presentation, and final decision of the renewal. It also encompasses experience analysis and determination of a final rate, as well as re-quoting (or off-cycle renewals). In addition, the module features automated renewal calculation and workflow management of renewal review, adjustment, presentation and distribution.

Sales Automation

Comprehensive employer, member and broker/agent management resources and online tools that allow users to manage their prospects and

clients, administer their book of business, track communications, commissions and key statuses. Campaign/Prospect Management and Broker Appointment are included within the Contact Management module.



GGYAXIS Inc.

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CONTACT: Bill Young
EMAIL: by@ggyaxis.com

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AXIS

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS is different - offering an integrated solution for Pricing, Projection and Valuation of Life, Disability, Annuity and Living Benefits. AXIS applications include ALM; Surplus, Stochastic and Cash Flow Testing; and Earnings Analysis. AXIS is extremely fast, flexible and easy to learn and use. GGY supports 1000+ users in 80+ companies. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

DataLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

DataLink allows you the flexibility and speed to use seriatim data for all your work, not just valuation. DataLink is a flexible and powerful database tool that allows you to automate the preparation, running, analysis and reporting of seriatim inforce and transaction data as well as new business. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

ScenarioTools

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

ScenarioTools allows you to identify, quantify and manage your risks. ScenarioTools is a package of tools within AXIS that generates scenarios for yield curves and/or equity values; analyses the scenarios; and analyses the projected results. The scenario generators include Risk Neutral and Actuarial or Real World models. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

Stochastic Processing Module

FUNCTION: Analysis, Compliance/Testing, Financial Reporting, Modeling, Pricing,

Valuation

Stochastic Processing Module. This module is specifically designed for stochastic analysis such as that needed to comply with the C3 Phase II recommendations for Variable Annuity. The module provides powerful new tools to model and analyse scenario sensitive products under large numbers of scenarios within dramatically improved timeframes so that seriatim is an option. OTHER FUNCTIONS: Capital Requirements

AXIS GridLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS GridLink- A fully automated Grid solution that offers a comprehensive set of tools to help you create and manage a more efficient and secure production environment. With GridLink, you can easily add more processors and automatically reduce AXIS runtimes when complex processes on large volumes of data are involved. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

Integrated Actuarial Services

Integrated Actuarial Services, Inc.

www.iasacts.com

700 W. Granada, Suite 104

Ormond Beach, FL 32174(386) 673-1919

CONTACT: Brian Kavanagh

EMAIL: Brian@iasacts.com

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Total-Health™

FUNCTION: Cash Flow/Projections, Financial Reporting, Pricing, Valuation

PC-based comprehensive software system for all A&H actuarial calculations including stat., tax, GAAP, pricing and ALM. An integrated version which combines with our Total Solution for life and annuities is available.



Lewis & Ellis, Inc.

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Overland Park, KS 66212

(913) 491-3388

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Lewis & Ellis Health Care Model

CONTACT: Tom Handley

EMAIL: THandley@LewisEllis.com

FUNCTION: Analysis, Modeling, Pricing

This PC-based Excel application is an interactive health care pricing and modeling tool that can be used for rating of group, Medicaid, Medicare and PPO benefit plans and as benchmarks for experience analysis. It provides ranges of utilization and reimbursement values by area and product to enhance pricing decisions.

LEAPPS®

CONTACT: Gary L. Rose

EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Pricing

LEAPPS®, a pricing and projection system, meets the demands of a changing financial services environment as a cost effective solution with numerous capabilities ranging from pricing and cash flow testing to appraisals and illustration actuary testing. Traditional life, universal life, annuities, health and credit insurance products are supported.

IBSEN Life

CONTACT: Gary L. Rose

EMAIL: GRose@LewisEllis.com

FUNCTION: Administration/Documents, Analysis, Financial Reporting, Valuation

IBSEN Life is a flexible and modern administration system which provides for the management of traditional and universal life/unit linked insurance products. Based on the IBSEN (Insurance Business Engines) concept each component supports a specific task of the insurer, from product design to policy management.

AKS

CONTACT: Gary L. Rose

EMAIL: GRose@LewisEllis.com

FUNCTION: Financial Reporting, Valuation

AKS (Actuarial Knowledge System) offers an effective solution to compose and calculate actuarial formulas for life and disability insurance. Actuarial factors utilizing internationally standardized actuarial symbols can be calculated. AKS has been developed as a component, based on the IBSEN-concept.

LE*CREDITADMIN™

CONTACT: S. Scott Gibson

EMAIL: sgibson@lewisellis.com

FUNCTION: Administration/Documents, Financial Reporting, Valuation

LE*CREDITADMIN™ is a Windows-based proprietary system application designed to add, process and maintain life, disability, accidental death and dismemberment Credit Insurance policies. Forms and reports provide convenient ways to access, validate and maintain the individual certificates as well as generate necessary statutory and tax reserve valuations.



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www.lynychval.com

4170 Lafayette Center Drive Suite 500

Chantilly, VA 20151

(703) 709-1000

CONTACT: Mark Webster

EMAIL: sales@lynchval.com

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LVmed

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Defined Benefit, Education/Training, FAS 106, Financial Reporting, Illustrations, Loss Reserving, Modeling, Valuation

Description: Retiree medical valuation software for full compliance with FAS 106, GASB 45, NAIC, FAS 112, and SOP-96 (post employment defined benefit health and life insurance). Permits wide range of assumptions, and features including automatic 1 percent sensitivity testing, and 120-year open/closed group forecasts. Windows interface includes data handling and validation features and actuarial tools.



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1301 Fifth Avenue, Suite 3800

Seattle, WA 98101-2605

(206) 624-7940

CONTACT: Brian S. Reid

E-MAIL: brian.reid@milliman.com

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MG-ALFA

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

The next-generation actuarial projection system from Milliman. Supports life, health, annuities, and a full range of asset classes. Capabilities include pricing, projections, GAAP, ALM, and all forms of stochastic analysis. Integrated with DataSynapse's GridServer for scenario-based distributed processing. Advantages include flexibility, speed, auditability, and outstanding support.

MG-Triton Health

FUNCTIONS: Analysis, Cash Flow/Projections, Financial Reporting, Valuation

MG-Triton Health Valuation System calculates statutory, tax, and GAAP reserves (benefit reserves and deferred acquisition cost assets) for base contracts and riders for Long Term Care, Disability Income (Individual and Group), and Medicare Supplement products. Calculates active life and claim reserves from first-principle and factor methods. Statutory, Tax, and GAAP inforce projection model. Microsoft Windows application written in C and C++.



PolySystems, Inc.

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CONTACT: Gary Busse or Bob Keating

E-MAIL: gbusse@polysystems.com or bkeating@polysystems.com

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HealthMaster

FUNCTION: Valuation

HealthMaster is a PC-based first principle statutory, tax and GAAP valuation system for health insurance coverages, including disability income, cancer, LTC, hospital indemnity, major medical, Medicare supplement, etc. Special features include prospective reserving for changes in policies, return of premium benefits, LTC nonforfeiture options, and the ability to compute multiple reserve bases.

Delphi Series

FUNCTION: Modeling

Delphi Series is a forecasting system that produces statutory, GAAP and tax income statements, balance sheets and analytical reports. This PC-based system may be combined with any of the Master series of valuation systems to project balance sheet and income statement data on a statutory, GAAP and tax effected basis. Special features include direct handshake with valuation and policy description and a new business model. The system runs on Windows 2000/NT/XP, and UNIX, and allows the user to examine the affect of reserve options on existing or new business. PolySystems valuation and projection functions are grid enabled for large company jobs.

Asset Delphi

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Financial Reporting, Loss Reserving, Modeling, Valuation

Asset Delphi is a PC based financial projection tool that is used for asset/liability management, corporate planning, cash flow testing, GAAP and Statutory financial simulations. Asset Delphi facilitates the interactions between the projected asset cash flows of a company's investment portfolio and the liability cash flows generated by PolySystems' powerful liability projection software for all lines of business. Asset Delphi is used as a dynamic management tool to utilize the results of the asset/liability interactions and to assist in the business decision process.

Horizon Series

FUNCTION: Data Management/Warehousing

Horizon systems collect monthly policy transactions and summarize results into income statements and balance sheets. The Horizon Series tracks policy financial information such as premiums, benefit commissions, reserve increases, expenses, terminations, and reinsurance payments to build accurate monthly historical profits by plan and year of issue. The PC based system interfaces with the company's administrative system to create its data. Policy data can be rolled up into summarized history files. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX.

Measure

FUNCTION: Analysis

Measure works with Horizon series by line of business to produce traditional actuarial experience studies of lapse, mortality, morbidity, and premium persistency probabilities. Multiple breakdowns are permitted. The system computes A/E ratio and A/E standard deviations on a variety of operating systems, including Windows 2000/NT/XP, and UNIX.



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CONTACT: Warren Nagle

EMAIL: wnagle@sscinc.com

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FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Education/Training, Financial Reporting, Illustrations, Loss Reserving, Modeling, Pricing, Ratings, Valuation

Robust decision support system providing comprehensive pricing, cashflow testing, ALM and corporate modeling for traditional, universal life and annuity products. Includes XXX testing for UL and traditional products. AnalyticsExpress lets you analyze and present output at any level of detail. Also includes the Intex Data Wizard, a web-based utility for downloading Intex data.



Connecture

Knows How

LOOKING FOR AN IT SOLUTION THAT WILL...

- Automate insurance processes via the web
- Dramatically improve your bottom line
- Make your organization easier to do business with
- Increase sales

Connecture is the leading provider of integrated web-based sales and service automation solutions for health plans and insurers, serving 5 of the top 10 carriers in the U.S.

Solution Capabilities Include:

- Enterprise Rate Engine
- Medical Underwriting Automation
- Quoting and Proposal Generation
- Enrollment and Installation
- Renewal Automation
- Sales Automation

Serving All Market Segments:

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- Small Group
- Mid/Large Group
- Ancillary, including dental, vision, STD, LTD, group life, AD&D
- Medicare
- Consumer Directed Health, including HSAs

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SunGard provides IT solutions for the insurance industry in each of the following major business lines: life/annuities/pensions, property and casualty, reinsurance and asset management. SunGard offers a range of solutions from front-office tools and policy administration to back-office reinsurance, actuarial calculations, financial and investment accounting and reporting, to more than 1,500 insurance companies worldwide. SunGard's professional services team provide consulting, implementation and outsourcing with experienced insurance business and technology experts.

iWORKS Prophet

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

SunGard's iWORKS Prophet is an integrated suite of actuarial systems used primarily by insurance companies to perform actuarial calculations including profit testing, projections, reserving, asset liability modeling, stochastic modeling, risk management and experience analysis.



Towers Perrin

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(404) 365-1700

CONTACT: Tillinghast Software Solutions

E-MAIL: softwaresolutions@towersperrin.com

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MoSes™ 5

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

MoSes delivers unmatched flexibility with powerful control and audit tools. Applications now include TAS Tillinghast Actuarial Software. Our variable annuity applications for RBC C-3 Phase II and dynamic hedging help companies satisfy new requirements. MoSes excels at advanced solutions, such as stochastic-on-stochastic analysis and risk management.

TAS Tillinghast Actuarial Software™ 10

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

TAS 10 provides comprehensive features for U.S. life, annuity and health insurance products. Now available on the MoSes™ platform, TAS features advanced model control and troubleshooting, transparency of formulas and auditing results, efficient input across products, and database-driven reporting. Companies using TAS 10 in combination with MoSes developer tools have complete flexibility to customize TAS.

HealthMAPS®

FUNCTION: Analysis, Financial Reporting, Loss Reserving, Modeling, Pricing, Valuation

HealthMAPS® provides the health industry with manuals, analytical tools and product surveys for disciplined decision making with health industry information. HealthMAPS includes rating manuals and software for medical, dental, Medicare supplement, prescription drugs, state-mandated benefits and specific and aggregate stop-loss insurance. Analytic tools: claim liability software, small group debit manual. Surveys: dental, stop-loss insurance.

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www.winklevoss.com/wintech
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Greenwich, CT 06830
(203) 861-5530

CONTACT: Joe Gilbert
E-MAIL: sales@winklevoss.com

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ProVal

ProVal

FUNCTIONS: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Defined Benefit, FAS 106, Financial Reporting, Modeling, Valuation

Comprehensive software for valuations and projections of defined benefit and OPEB plans. Handles U.S. qualified, SERP, public, Canadian registered, and other international plans. Flexible design includes data scrubber, comprehensive assumptions, detailed sample lives, gain/loss analysis, funding/accounting exhibits, experience studies & nondiscrimination tests. Stochastic projections include state-of-the-art capital market simulator.



WySTAR Global Retirement Solutions

www.wystar.com
9210 Corporate Blvd., Suite 300
Rockville, MD 20850
(800) 505-9076

CONTACT: Steve Nelson
EMAIL: stephen.j.nelson@wystar.com

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OPEVS

FUNCTION: Analysis, Cash Flow/Projections, FAS 106, Valuation

OPEVS is a post-employment benefits valuation system for FAS 106, 112, 132, SOP 92-6 and GASB 45. OPEVS accommodates trend assumptions, attribution methods, multiple decrement demographic assumptions and year-by-year financial assumptions. It produces reports, sample lives and sensitivity analysis. OPEVS values medical, disability, severance and life insurance benefits.

Life/Annuities



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CONTACT: Chris Peek
EMAIL: Chris.Peek@arcval.com
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ARCVAL

FUNCTION: Analysis, Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Valuation

ARCVAL is a complete PC valuation system with modules available for universal life, traditional life, deferred and immediate annuities, and health insurance products. Statutory, tax, GAAP and minimum reserves are calculated on the fly or from factors. ARCVAL also provides modules for experience analysis, earnings analysis and financial forecasting.

ARCBase

FUNCTION: Analysis, Data Management/Warehousing

ARCBase utilizes a Microsoft SQL-Server® relational database to retain policy-level data on active and terminated policies with each financial reporting cycle. It features data analysis capabilities using on-line analytical processing (OLAP) that permits data summaries to be designed and changed in a real-time environment. ARCBase operates in conjunction with Experience Analyzer, Earnings Analyzer, Financial Forecaster and GAAP History Builder.

CARVM

FUNCTION: Valuation

CARVM performs valuation of deferred and immediate annuities. It handles fixed and variable products, bailouts, partial withdrawals, issue-year and change-in-fund methods, numerous surrender charge options, and new money interest crediting. CARVM is in compliance with Actuarial Guidelines 33, 34 and 35, including the calculation of annuitization and non-elective benefit present values and GMDB reserves.

Dividend Designer

FUNCTION: Analysis, Financial Reporting, Modeling

Dividend Designer is used to design dividend scales for traditional life products. It supports both three factor and experience premium formulas. Dividends may vary by policy size, gender, risk, class, premium paying status and issue date. Dividend factors can be used within the TL-Flyer system to calculate dividend liabilities or in FAS 60 reserves. Output is available for import into administrative systems.

Experience Analyzer

FUNCTION: Analysis, Financial Reporting

The Experience Analyzer system produces custom mortality and lapse studies, premium persistency studies and policy exhibits. Financial reports, such as for reserves released, can also be created. EA stores extensive policy history, claims and policy exhibit transaction information in our ARCBASE SQL Server database. Fully integrated with the ARCVAL valuation modules, EA derives its information directly from the valuation input/output files. It features data analysis capabilities using on-line analytical processing (OLAP) that permits data summaries to be designed and changed in a real-time environment.

Experience Analyzer—Lite

FUNCTION: Analysis

EA-Lite performs mortality, lapse and partial lapse studies on traditional life and universal life business. EA-Lite integrates with the TL-Flyer and UltraVAL modules of ARCVAL using the valuation input data and an optional claims file. Studies may be performed on either a calendar year or policy year basis.

Earnings Analyzer

FUNCTION: Analysis, Cash Flow/Projections

Earnings Analyzer is a powerful analysis tool that utilizes policy-level projected and/or actual earnings stored in the ARCBase database. Some of its capabilities include: comparison of actual earnings from one period to another, comparison of actual earnings to forecast earnings, and comparisons of forecast earnings from one period to another. Earnings can be analyzed by characteristics such as line of business, distribution system, agency code and more.

Financial Forecaster

FUNCTION: Analysis, Cash Flow/Projections, Modeling

Financial Forecaster is a financial planning tool that can be used to project GAAP income for inforce and assumed new business. While modeled business may be processed, the use of seriatim inforce eliminates the need for model building and validation of models. Multiple what-if scenarios and sensitivity tests can be stored in ARCBase and compared to actual earnings using the Earnings Analyzer.

GAAP

FUNCTION: Cash Flow/Projections, Financial Reporting, Modeling, Valuation

GAAP creates and manages DAC amortization schedules according to SFAS97 and 120. It works with unearned revenue reserves and includes a history database of actual or reconstructed financial results. It performs full and partial unlocking of assumptions and short- and long-term financial projections. Gross premium reserves are calculated for GAAP recoverability and loss recognition.

GAAP History Builder

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Valuation

GAAP History Builder uses policy-level detailed transactions stored in ARCBASE to create and summarize historical gross margins for use in DAC amortization. It can be used to allocate actual investment income, actual expenses and commissions to each policy. It also has an intelligent true-up capability to adjust the transactional data totals to match actual values in the financial statements.

STAR

FUNCTION: Cash Flow/Projections, Financial Reporting, Valuation

STAR, or Stochastic Tools for Actuarial Reserves & RBC is for calculation of reserves under VACARVM and RBC under C-3 Phase II requirements as well as the mandated Standard Scenario calculations. STAR's stochastic projections are produced by the world-leading Prophet® actuarial projection system. The end product is a controlled financial reporting framework with a transparent audit trail.

Structures

FUNCTION: Valuation

Structures calculates statutory, tax and GAAP reserves for structured settlement contracts. Both the 115% seriatim and 110% aggregate tests are supported. Flexible input for payment stream is supported for individual contracts. Mortality assumptions can vary by contract. Output includes reserves by interest rate and a summary file of projected cash values.

SunGard® iWORKS Prophet

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

ARC is the exclusive North American distributor of SunGard's iWORKS Prophet software. Prophet is an integrated suite of actuarial systems to perform actuarial calculations including profit testing, projections, reserving, asset liability modeling, stochastic modeling, risk management and experience analysis.

TL-Flyer

FUNCTION: Valuation

TL-Flyer performs reserve calculations for traditional life and term on the fly or from factors. It handles non-level death benefits and premiums; ETI and RPU; supplemental benefits and riders; due, deferred and advance premium calculations; and compliance with Guideline XXX. It supports GAAP calculations according to SFAS60.

ULtraVAL

FUNCTION: Valuation

ULtraVAL calculates flexible and fixed premium universal life reserves according to the UL model regulation. It handles specified amount increases and decreases, guarantees of current interest and COIs, Guideline XXX, Guideline AXXX, MDBG reserves for variable universal life, rider reserves, and policyholder bonuses. It features fast calculation without using approximations.

AdminServer

AdminServer

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2501 Seaport Drive Suite 110
Chester, PA 19013
(610) 619-3100

CONTACT: Jim Rourke

EMAIL: info@adminserver.com

Also see our ad on page 11

AdminServer Policy Administration System

FUNCTION: Administration/Documents, Illustrations

AdminServer is the premier software solutions provider for all segments of the insurance community. The AdminServer System is not only superior to traditional legacy systems in business functionality, but will finally solve the time-to-market challenges that have plagued the industry for decades. This advanced rules-driven system enables rapid product development of sophisticated products, and includes valuation, E-Apps with suitability checks, illustrations, product profile repository capabilities and an integrated document print engine. Plus, carriers can further reduce the cost for policy/contract ownership services by supporting all product lines on one single platform across the enterprise. The system is available on both J2EE and .NET platforms.

ReinsuranceServer

FUNCTION: Administration/Documents

AdminServer's administration support for Reinsurance shares a foundation with the core AdminServer System. Joining the most powerful processing platform with its flexible rules engine, processing and product feature customization possibilities are unlimited. This sophisticated technology offers business value on multiple fronts. The flexibility of the rules engine allows for minimal set up work for new blocks of business, robust treaty versioning, and the power of the processing platform allows for any size block of business.

UVServer

FUNCTION: Administration/Documents, Financial Reporting, Valuation

UVServer is the industry's premier fully automated Fund Management Accounting System. Built on AdminServer's industry proven rules-based technology, UVServer automatically calculates, reports and proactively manages all information to enable insurers easy and accurate conversion of Net Asset Values (NAVs) to Unit Values (UVs). UVServer also calculates and reports on all aspects of the backend trading activities associated with fund management. UVServer addresses these challenges through solid base functionality, supplemented with many additional features that make it a true 'lights-out' end to end process.



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CONTACT: Corporate Sales

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Best's Aggregates & Averages—Online (Life/Health)

FUNCTION: Analysis, Financial Reporting, Modeling

This Web-based reference contains current and historical statistics on the property/casualty industry, presented in Excel® spreadsheet format. Results in key areas of insurer performance for all companies in the industry are aggregated and presented in meaningful exhibits, vital for benchmarking and strategic planning. Best's Aggregates & Averages—Online—Life/Health makes it easier than ever to customize reports using Best's Aggregates & Averages data.

Best's Statement File—Life/Health—US

FUNCTION: Analysis, Financial Reporting, Modeling, Ratings

Best's Statement File—Life/Health—United States provides complete financial statement data for thousands of life/health insurers, plus unique group records and consolidated results available from no one but A.M. Best. Eleven years of data are presented to facilitate 11-year trend analysis across all data points, and online access to 11-year Best's Executive Summary Reports is included. Exhaustive cross-checks ensure accuracy, and data is released within weeks of the filing deadline, with multiple updates issued throughout the year.



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CONTACT: Julian D. (Jay) Stevens - SVP Sales/
CMO

EMAIL: jays@cossdev.com

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COSSEnterprise

**FUNCTION: Administration/Documents,
Education/Training, Illustrations**

A complete suite of point-of-sale solutions designed to increase life and annuity sales. Includes needs analysis, illustrations, advanced marketing, electronic forms, and producer training - that COSS will customize to your exact requirements. Available in .NET and J2EE.

COSSTools

**FUNCTION: Administration/Documents,
Illustrations, Modeling**

COSSTools empowers your home office staff to customize COSSEnterprise, giving you control of product timing, innovation and costs. Includes screen designer, product designer, and output designer. Available in .NET and J2EE.

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Education/Training, Illustrations,
Modeling**

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**FUNCTION: Education/Training,
Illustrations, Modeling**

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COSS Needs Analysis

FUNCTION: Education/Training, Illustrations

A customizable needs-based financial modeling system designed to increase life and annuity sales. System promotes an accurate understanding of client's current financial situation and visually illustrates what steps are required to achieve long-term goals. Available in .NET and J2EE.

COSS Advanced Marketing

FUNCTION: Education/Training, Illustrations

Compliant, customizable marketing tool designed to present high end advanced insurance concepts. Integrates with any illustration system for visual representation of solutions. CD and Web based training assists producer in successfully selling advanced concepts. Available in .NET and J2EE.

COSS Illustrations

FUNCTION: Illustrations

Compliant, customizable new business and/or re-proposal illustrations system. Encompasses all forms of fixed and variable universal life, term, par and non-par whole life, first or second to die variations, long-term care, and disability income products. Includes desired solves, product comparisons, guideline testing, and rider blends. Available in .NET and J2EE.

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FUNCTION: Education/Training, Illustrations

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FUNCTION: Administration/Documents

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AXIS

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS is different—offering an integrated solution for Pricing, Projection and Valuation of Life, Disability, Annuity and Living Benefits. AXIS applications include ALM; Surplus, Stochastic and Cash Flow Testing; and Earnings Analysis. AXIS is extremely fast, flexible and easy to learn and use. GGY supports 1000+ users in 80+ companies. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

DataLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

DataLink allows you the flexibility and speed to use seriatim data for all your work, not just valuation. DataLink is a flexible and powerful database tool that allows you to automate the preparation, running, analysis and reporting of seriatim inforce and transaction data as well as new business. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

ScenarioTools

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

ScenarioTools allows you to identify, quantify and

manage your risks. ScenarioTools is a package of tools within AXIS that generates scenarios for yield curves and/or equity values; analyses the scenarios; and analyses the projected results. The scenario generators include Risk Neutral and Actuarial or Real World models. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

Stochastic Processing Module

FUNCTION: Analysis, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

Stochastic Processing Module. This module is specifically designed for stochastic analysis such as that needed to comply with the C3 Phase II recommendations for Variable Annuity. The module provides powerful new tools to model and analyse scenario sensitive products under large numbers of scenarios within dramatically improved timeframes so that seriatim is an option. OTHER FUNCTIONS: Capital Requirements

AXIS GridLink

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

AXIS GridLink- A fully automated Grid solution that offers a comprehensive set of tools to help you create and manage a more efficient and secure production environment. With GridLink, you can easily add more processors and automatically reduce AXIS runtimes when complex processes on large volumes of data are involved. OTHER FUNCTIONS: Stochastic Risk Analysis, Earnings and Experience Analysis, Business Planning, Risk Management, ALM, CALM

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CONTACT: Brian Kavanagh
EMAIL: Brian@iasacts.com

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Total-Solution™

FUNCTION: Cash Flow/Projections, Financial Reporting, Pricing, Valuation

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RAAPID Policy Administration System™

FUNCTION: Administration/Documents, Valuation

PC-Based comprehensive policy administration system for life and annuities. An integrated version which combines with our Total-Solution for actuarial calculations is also available.

Principle-Based Total-Solution™

FUNCTION: Cash Flow/Projections, Financial Reporting, Pricing, Valuation

PC-based software systems designed specifically for Principle-Based Actuarial calculations for all applicable insurance products. An integrated version which combines with our Total-Solution for life and annuities is also available.



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Also see our ad on page 59

Insurance Desk

CONTACT: Dave Batchelder
EMAIL: dbatchelder@lewisellis.com

FUNCTION: Illustrations

Insurance Desk is a Windows-based system which provides sales and in-force illustrations for all types of life insurance, annuity, and long term care products. Significant features include Fact Finder, Needs Analysis, support for straight-thru-processing (when combined with electronic forms solution), and Internet Updates.

In-Force Illustration System

CONTACT: Dave Batchelder
EMAIL: dbatchelder@lewisellis.com

FUNCTION: Illustrations

This Windows-based system provides in-force illustrations for interest sensitive life products. The policy/illustration structure allows the user to define a policy once and then create multiple illustrations for that policy. The policy status and history can be specified manually if desired. Illustrations include the application of I.R.S. 7702 premium limits.

e-Insurance Desk

CONTACT: Dave Batchelder
EMAIL: dbatchelder@lewisellis.com

FUNCTION: Illustrations

e-Insurance Desk is an Internet system which provides both new business and in-force illustrations for all types of life insurance, annuity, and long term care products. The system shares back-end components with Insurance Desk desktop system. Additionally, it is compliant with ACORD XMLife standard.

InsQuote

CONTACT: Dave Batchelder
EMAIL: dbatchelder@lewisellis.com

FUNCTION: Illustrations

InsQuote is a PDA application which provides rate quotes for life insurance, annuity, long term care, medical and P&C products. InsQuote is a particularly effective tool for illustrating insurance products where the primary need is to determine a single premium rate. It is available for Palm and Pocket PC PDAs.

LEAPPS®

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Pricing

LEAPPS®, a pricing and projection system, meets the demands of a changing financial services environment as a cost effective solution with numerous capabilities ranging from pricing and cash flow testing to appraisals and illustration actuary testing. Traditional life, universal life, annuities, health and credit insurance products are supported.

LE*XTRAS™

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Financial Reporting, Valuation

LE*XTRAS™, a Windows-based proprietary system, generates cash value and statutory/tax reserve factors for traditional life plans. A wide range of reserve methodologies is supported including Regulation XXX and 2001 CSO. A full featured statutory and tax valuation component is available with support for annuitized policies and structured settlements.

LE*XPOSURE™

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Financial Reporting, Valuation

LE*XPOSURE™ is a powerful exposure study and Monte Carlo simulation system for traditional life insurance. Terminations can be studied by plan group, plan, attained age, or policy year. Monte Carlo simulations can be used to support the actuarial opinion and report dealing with the appropriateness of X factors under Regulation XXX.

LE*DIS™

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Financial Reporting, Valuation

LE*DIS™ is a Windows-based disabled lives valuation system. It is designed to reserve for disabled life policies under waiver of premium provisions. Policy information is maintained in a database where reserves may be generated by the system or summarized for financial reporting purposes.

IBSEN Life

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Administration/Documents, Analysis, Financial Reporting, Valuation

IBSEN Life is a flexible and modern administration system which provides for the management of traditional and universal life/unit linked insurance products. Based on the IBSEN (Insurance Business Engines) concept each component supports a specific task of the insurer, from product design to policy management.

AKS

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Financial Reporting, Valuation

AKS (Actuarial Knowledge System) offers an effective solution to compose and calculate actuarial formulas for life and disability insurance. Actuarial factors utilizing internationally standardized actuarial symbols can be calculated. AKS has been developed as a component, based on the IBSEN-concept.

LE*XLTools™

CONTACT: Gary L. Rose
EMAIL: GRose@LewisEllis.com

FUNCTION: Analysis, Cash Flow/Projections, Modeling, Pricing

LE*XLTools™ is a Microsoft Excel add-in that uses the Mersenne Twister to generate random numbers, has commutation and associated actuarial functions, and implements the prudent banker's method to determine the internal rate of return. It can be used with or without VBA.

LE*CREDITADMIN™

CONTACT: S. Scott Gibson
EMAIL: sgibson@lewisellis.com

FUNCTION: Administration/Documents, Financial Reporting, Valuation

LE*CREDITADMIN™ is a Windows-based proprietary system application designed to add, process and maintain life, disability, accidental death and dismemberment Credit Insurance policies. Forms and reports provide convenient ways to access, validate and maintain the individual certificates as well as generate necessary statutory and tax reserve valuations.



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MG-ALFA

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

The next-generation actuarial projection system from Milliman. Supports life, health, annuities, and a full range of asset classes. Capabilities include pricing, projections, GAAP, ALM, and all forms of stochastic analysis. Integrated with DataSynapse's GridServer for scenario-based distributed processing. Advantages include flexibility, speed, auditability, and outstanding support.

MG-Triton Traditional Life

CONTACT: Mark S. Mahany

E-MAIL: mark.mahany@milliman.com

FUNCTIONS: Analysis, Cash Flow/Projections, Financial Reporting, Valuation

MG-Triton Traditional Life Valuation System calculates statutory (including Model Regulation #830), tax, deficiency, Canadian Actuarial Standards, and GAAP reserves (benefit reserves, deferred acquisition cost assets, unearned revenue liabilities, and terminal dividend liabilities for FAS 60, 97, 113, 115 and 120) for Traditional (Term, Whole Life and Pre-Need, participating and non-participating) base contracts and riders. First-principle and factor methods are supported. Statutory, tax and GAAP inforce projection model; Microsoft Windows application written in C and C++; experience studies and embedded value logic included.

MG-Triton Payout Annuity

CONTACT: Mark S. Mahany

E-MAIL: mark.mahany@milliman.com

FUNCTIONS: Analysis, Cash Flow/Projections, Financial Reporting, Valuation

MG-Triton Payout Annuity Valuation System calculates statutory (including Actuarial Guideline 39), tax, and GAAP reserves (benefit reserves, unearned profit reserve, and deferred acquisition cost assets) for fixed, variable and equity-indexed annuities in payout status, as well as Structured Settlements. Full support provided for Guideline IX-A and IX-B. Microsoft Windows application written in C and C++; statutory, tax and GAAP inforce projection model.

MG-Triton Deferred Annuity

CONTACT: Mark S. Mahany

E-MAIL: mark.mahany@milliman.com

FUNCTIONS: Analysis, Cash Flow/Projections, Financial Reporting, Valuation

MG-Triton Deferred Annuity (fixed, variable, and equity-indexed) Valuation System performs statutory valuations under Actuarial Guidelines 33, 34, 35, and 39, including \$ for \$ support, tax, and GAAP valuations (benefit reserves, unearned revenue liabilities, deferred acquisition cost assets, SFAS 133 reserves, and loss recognition), including SOP for variable deferred annuities. Multi-scenario analysis for AG34, AG39, and GAAP SOP with graphical and CSV file output. Microsoft Windows application written in C and C++; statutory, tax and GAAP inforce projection model; experience studies and embedded value logic included.

MG-Triton Interest-Sensitive Life

CONTACT: Mark S. Mahany

E-MAIL: mark.mahany@milliman.com

FUNCTIONS: Analysis, Cash Flow/Projections, Financial Reporting, Valuation

MG-Triton Interest-Sensitive Life Valuation System calculates statutory (including Model Regulation #830 and Actuarial Guidelines 37 and 38), tax, alternative minimum, and GAAP reserves (benefit reserves, deferred acquisition cost assets, unearned revenue liabilities, and terminal dividend liabilities, including loss recognition, under SFAS 97, 113 and 115 and SOP 03-1) for Universal Life, Variable Universal Life and Interest-Sensitive Whole Life base contracts and riders. Microsoft Windows application written in C and C++; statutory, tax and GAAP inforce projection model; experience studies and embedded value logic included.

STEP Solutions

CONTACT: Peter B. Deakins, FSA

E-MAIL: pete.deakins@milliman.com

FUNCTIONS: Administration/Documents

STEP Solutions provides straight-through processing solutions that facilitate the issue, underwriting, claims and policy administration of a wide variety of insurance products. STEP (Straight Through Enterprise Processing) will enable companies to launch new products and update older ones to respond to rapid changes in the market. Milliman has provided a fast track to product launch that puts the technology at the service of the product rather than allow technical constraints to influence what a company takes to market.

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@RISK Developer's Kit

FUNCTIONS: Analysis, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

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StatTools

FUNCTIONS: Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

The new statistical analysis add-in for Microsoft Excel, StatTools replaces Excel's statistics functions with a new set of robust, accurate functions. Stop exporting your data to perform advanced statistical analysis - now you can work directly in Excel. StatTools includes the most commonly used procedures and lets you create your own customized procedures in Excel's VBA.

RISKOptimizer

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Modeling, Pricing

For high-speed optimization under uncertainty in Excel. Ideal for complex optimization problems such as resource allocation or pricing decisions. RISKOptimizer tries different solutions and runs Monte Carlo simulations on each one in order to determine the best possible overall solution.

@RISK for Project

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

The risk analysis add-in for Microsoft Project. Take uncertainty into account when examining schedules and costs of your projects. Use Monte Carlo simulation to see what could happen in your project model, and how likely it is to happen. Make contingency plans based on what could happen.

@RISK

FUNCTIONS: Analysis, Cash Flow/Projections, Data Management/Warehousing, Financial Reporting, Modeling, Pricing, Valuation

@RISK is the risk analysis add-in for Microsoft Excel. Using Monte Carlo simulation, @RISK will tell you not only what could happen in your spreadsheet model, but how likely it is to happen. Commonly used by actuaries for loss reserves, pricing, and other modeling in Excel, @RISK can be used with any spreadsheet model.



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Also see ads on pages 63, C3

AnnuityMaster

FUNCTION: Valuation

AnnuityMaster is a first-principles statutory and tax CRVM valuation system for fixed, variable, and equity indexed deferred annuities. Special features include full Guideline 33, 34, and 35 processing, multiple integrated benefit path processing, nonelective and elective benefit descriptions, fund bucket processing, multiple fund logic, surrender changes by date of deposit, Annuity 2000 tables, and annuitization testing. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

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UL Master

FUNCTION: Valuation

ULMaster is a PC-based first-principles statutory and tax CRVM valuation system for universal life, interest sensitive and variable UL products. Special features include reserving options for structural changes, multiple life reserving, fund bucket processing, at-issue and post-issue guarantees of interest and COI changes, persistency bonus reserving, and California, Indiana and NY 147/XXX processing. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

LifeMaster

FUNCTION: Valuation

LifeMaster is a first-principles statutory, tax and GAAP valuation system for traditional life insurance policies. Special features include multiple simultaneous reserve computations, purchase GAAP, multiple life reserving, NY 147/XXX processing, and calendar-year expense true-up. LifeMaster also features a growing list of international reserving methods (e.g., Zilmer). It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Dividend Generator

FUNCTION: Analysis, Financial Reporting, Modeling

The Dividend Generator is a calculation engine designed to produce the unit dividends associated with a dividend scale set of assumptions. Numerous utilities to perform diagnostic tests as well as the capability of generating a dividend liability for financial reporting purposes have been incorporated into the Dividend Generator. A new scale of dividends can be matched to in-force policies so that the aggregate dividend costs can be measured. Once the dividends are accepted, the dividends file can be converted into the format that your administrative system requires. Dividend Generator works in conjunction with the LifeMaster. The system runs on Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Delphi Series

FUNCTION: Cash Flow/Projections, Modeling

Delphi Series is a forecasting system that produces statutory, GAAP and tax income statements, balance sheets, and analytical reports. This PC-based system may be combined with any of the Master series of valuation systems to project balance sheet and income statement data on a statutory, GAAP and tax effected basis. Special features include direct handshake with valuation and policy description and a new business model. The system runs on Windows 2000/NT/XP,

and UNIX, and allows the user to examine the affect of reserve options on existing or new business. PolySystems valuation and projection functions are grid enabled for large company jobs.

Asset Delphi

FUNCTIONS: Analysis, Cash Flow/ Projections, Compliance/Testing, Data Management/Warehousing, Financial Reporting, Loss Reserving, Modeling, Valuation

Asset Delphi is a PC based financial projection tool that is used for asset/liability management, corporate planning, cash flow testing, GAAP and Statutory financial simulations. Asset Delphi facilitates the interactions between the projected asset cash flows of a company's investment portfolio and the liability cash flows generated by PolySystems' powerful liability projection software for all lines of business. Asset Delphi is used as a dynamic management tool to utilize the results of the asset/liability interactions and to assist in the business decision process. PolySystems valuation and projection functions are grid enabled for large company jobs.

FAS 97 Reporting System

FUNCTION: Cash Flow/Projections, Valuation

This PC-based system tracks and projects margins and amortizes DAC according to FAS 97 rules on interest sensitive policies. It links with the annuity and universal life valuation system to run the amortization of DAC, front-end loads, and special benefit accruals under FAS 97. Functions have been expanded to include requirements of FAS 133 for equity indexed annuities. Features include a direct link to administration systems, accurate reporting of gross profit margins, recoverability analysis, fund roll forward analysts, and direct control of amortization options. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

FAS 120 Reporting System

FUNCTION: Cash Flow/Projections, Valuation

This PC-based system tracks margins, computes benefit reserves, projects margins, and amortizes DAC according to the mutual company GAAP rules on participating policies. It links with the LifeMaster/Delphi system. Special features include the ability to describe dividends with three-factor formula, allocation of dividends into gross margins, and loss recognition analysts. Estimated gross margins are projected with a high-fidelity model. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Pension software solutions from WySTAR Global

- DBVAL** Defined benefit valuations and Web benefit projections
- DCVAL** Defined contribution, balance forward recordkeeping and compliance
- OPEVS** Post-employment benefits
- GRT** Nondiscrimination testing

For more information, please visit our website at WySTAR.com, or call 800.505.9076. E-mail us at retsrv.marketing@wystar.com, or fax us at 800.344.1258.

WySTAR | Global Retirement Solutions®

IncomePayMaster

FUNCTION: Valuation

Income PayMaster is a first-principles statutory, tax and GAAP valuation system for annuities in the payout stage. Special features include structured settlement Guideline 9A and 9B processing, edit verify routines, Annuity 2000 mortality tables, and early retirement adjustment capabilities. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Horizon Series

FUNCTION: Data Management/ Warehousing

Horizon systems collect monthly policy transactions and summarize results into income statements and balance sheets. The Horizon Series tracks policy financial information such as premiums, benefit commissions, reserve increases, expenses, terminations, and reinsurance payments to build accurate monthly historical profits by plan and year of issue. The PC based system interfaces with the company's administrative system to create its data. Policy data can be rolled up into summarized history files. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Measure

FUNCTION: Analysis

Measure works with Horizon series by line of business to produce traditional actuarial experience studies of lapse, mortality, morbidity, and premium persistency probabilities. Multiple breakdowns are permitted. The system computes A/E ratio and A/E standard deviations on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

SOE Series

FUNCTION: Analysis

This PC-based software develops earnings by mortality, interest, expenses, persistency, etc. It ties to the Horizon series to measure the sources of a company's profits. Changes in reserves/DAC in the income statement mask the true earnings by operations source. SOE breaks up the reserve/DAC increases into their component pieces and matches them with corresponding income statement items to produce a meaningful analysis of earnings by source, by plan and by year. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.



Quasar*Systems, Inc.

www.qsi-r2.com
8989 North Port Washington Road, Suite 227
Milwaukee, WI 53217
(414) 228-8622

CONTACT: Laura Christopher
EMAIL: marketing@qsi-r2.com

Also see our ad on page 71

R² - Reinsurance Resolution

FUNCTION: Administration/Documents

R² is PC based, self-administered reinsurance administration system. The system includes automatic processing of all life and disability reinsurance transactions, Retention Management, Schedule S, Statutory and Tax Valuation. R² calculates the cession amounts as determined by treaty information for Direct, Assumed and Retro business. It produces paper and electronic reporting and handles multiple languages with different currencies. R² stands alone or interfaces with direct administration systems. Third party administration is also available.



SS&C Technologies

www.ssctech.com
80 Lambertson Road
Windsor, CT 06095
(860) 298-4500

CONTACT: Warren Nagle
EMAIL: wnagle@sscinc.com

Also see our ad on page 64

PTS

CONTACT: Warren Nagle
EMAIL: wnagle@sscinc.com
FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Education/Training, Financial Reporting, Illustrations, Loss Reserving, Modeling, Pricing, Ratings, Valuation

Robust decision support system providing comprehensive pricing, cashflow testing, ALM and corporate modeling for traditional, universal life and annuity products. Includes XXX testing for UL and traditional products. AnalyticsExpress lets you analyze and present output at any level of detail. Also includes the Intex Data Wizard, a web-based utility for downloading Intex data.

SUNGARD®

SunGard

www.sungard.com/iWORKSprophet
6720 West 121st Street, Suite 200
Overland Park, KS 66209
(913) 451-0044

CONTACT: Chris Peek

EMAIL: Chris.PEEK@arcval.com

Also see our ad on page 23

SunGard

SunGard provides IT solutions for the insurance industry in each of the following major business lines: life/annuities/pensions, property and casualty, reinsurance and asset management. SunGard offers a range of solutions from front-office tools and policy administration to back-office reinsurance, actuarial calculations, financial and investment accounting and reporting, to more than 1,500 insurance companies worldwide. SunGard's professional services team provide consulting, implementation and outsourcing with experienced insurance business and technology experts.

iWORKS Prophet

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Pricing, Valuation

SunGard's iWORKS Prophet is an integrated suite of actuarial systems used primarily by insurance companies to perform actuarial calculations including profit testing, projections, reserving, asset liability modeling, stochastic modeling, risk management and experience analysis.



TOWERS
PERRIN

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Towers Perrin

One Stamford Plaza
Stamford, CT 06901-3226
(404) 365-1700

CONTACT: Tillinghast Software Solutions

E-MAIL: softwaresolutions@towersperrin.com

Also see ads on pages 8-9

MoSes™ 5

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

MoSes delivers unmatched flexibility with powerful control and audit tools. Applications now include TAS Tillinghast Actuarial Software. Our variable annuity applications for RBC C-3 Phase II and dynamic hedging help companies satisfy new requirements. MoSes excels at advanced solutions, such as stochastic-on-stochastic analysis and risk management.

TAS Tillinghast Actuarial Software™ 10

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

TAS 10 provides comprehensive features for U.S. life, annuity and health insurance products. Now available on the MoSes™ platform, TAS features advanced model control and troubleshooting, transparency of formulas and auditing results, efficient input across products, and database-driven reporting. Companies using TAS 10 in combination with MoSes developer tools have complete flexibility to customize TAS.

VALUE™

FUNCTION: Analysis

Tillinghast's Variable Annuity and Life User Exchange provides comparative information on variable annuity and life products (product features, sales loads, investment options, assets, sales and illustrations). Updated quarterly, the VALUE™ database can help guide critical decisions about product development, marketing strategies and distribution systems. Users can select peer companies in the database and sort and filter on various features.

Pensions

AdminServer

AdminServer

www.adminserver.com

2501 Seaport Drive Suite 110

Chester, PA 19013

(610) 619-3100

CONTACT: Jim Rourke

EMAIL: info@adminserver.com

Also see our ad on page 11

AdminServer

FUNCTION: Administration/Documents, Illustrations

AdminServer is the premier software solutions provider for all segments of the insurance community. The AdminServer System is not only superior to traditional legacy systems in business functionality, but will finally solve the time-to-market challenges that have plagued the industry for decades. This advanced rules-driven system enables rapid product development of sophisticated products, and includes valuation, E-Apps with suitability checks, illustrations, product profile repository capabilities and an integrated document print engine. Plus, carriers can further reduce the cost for policy/contract ownership services by supporting all product lines on one single platform across the enterprise. The system is available on both J2EE and .NET platforms.

Software for Pension Professionals

BLAZE SSI Software increases your productivity and adds new business. All qualified plan types are supported, including DB, DC, 401(k), FSA. Use BLAZE SSI Software for proposals, administration, government forms, plan documents, on-line participant access, and secure pdf-reports for clients and participants.



Box 333
Brielle, NJ 08730
sales@blazessi.com

Since 1980, the Safe Harbor for pension professionals



BLAZE SSI Corp.

www.blazessi.com

PO Box 333

Brielle, NJ 08730

(732) 223-5577

CONTACT: Adam Schoch

EMAIL: sales@blazessi.com

Also see our ad on page 76

PENDEAS—Pension Ideas Illustration System

FUNCTION: Compliance/Testing, Defined Benefit, Defined Contribution/401(k), Illustrations, Modeling

PENDEAS quickly analyzes costs and benefits of up to six qualified retirement plan designs from one census. Compares any plan provision, benefit or cost, including insurance and 401(k) deferrals to select the most favorable plan design. Supports email of data and pdf-formatted proposal reports to/from plan sponsor.

EBP/DB Employee Benefit Plan Valuation System

FUNCTION: Compliance/Testing, Defined Benefit, Illustrations, Modeling, Valuation

The BLAZE SSI EBP/DB System for defined benefit plans supports full valuation, administration and plan studies for qualified DB plans. EBP/DB is fully integrated with the BLAZE SSI Regulatory Testing System (RTS) for testing and PENTRAK™ for case management and is used by TPAs nationwide for efficient DB plan processing.

EBP/DC/401(k) Employee Benefit Plan Valuation System

FUNCTION: Compliance/Testing, Defined Contribution/401(k), Illustrations, Modeling, Valuation

The BLAZE SSI EBP/DC/401(k) System supports recordkeeping and administration

for qualified DC, Profit Sharing and 401(K) plans. EBP/DC/401(k) is fully integrated with the BLAZE SSI Regulatory Testing System (RTS) and PENTRAK™ for testing and caseload management. EBP/DC/401(k) contains time-saving recordkeeping features including periodical valuations, dated transactions and time weighted earnings allocations; and interfaces with popular fund managers and record keepers. TPAs nationwide use EBP/DC/401(k) for efficient plan processing.

Regulatory Testing System (RTS)

FUNCTION: Compliance/Testing

The BLAZE SSI Regulatory Testing System (RTS) supports full compliance with IRS qualification and non-discrimination tests for all types of qualified retirement plans. Tests include IRC401(a)(4), IRC401(a)(17), IRC401(a)(26), 401(k), 401(m), 402(g), 410(b), 414(q), 414(s), 415 and 416. RTS accesses data via an ODBC database or electronic file exported from the users' database; and creates client-ready PDF format output or prepares a data file of results.

GOVFORMS

FUNCTION: Administration/Documents, Financial Reporting

The BLAZE SSI GOVFORMS system generates DOL/EBSA/EFAST approved 5500 forms, complete with associated schedules. SAR and PBGC forms are included in the 5500 forms package. GOVFORMS edits, stores and updates information with included database and includes a feature to integrate/convert data from other systems. 'Bulk' print multiple Schedule A, P or SSA with available option. 5300 forms and 1099 forms may be added as an option.

Cafeteria Plan Administration System (CPAS)

FUNCTION: Administration/Documents

The BLAZE SSI Cafeteria Plan Administration System (CPAS) supports participant recordkeeping for employees participating in an employer-sponsored Cafeteria Plan (\$125) or FSA plan. Web-based participant account status is available as an option. The system generates a complete set of client ready forms and reports including checks and funds transfer files.

Minimum Distribution System (MinDist)

FUNCTION: Defined Benefit, Defined Contribution/401(k)

The BLAZE SSI MinDist System calculates the minimum required distribution and the earliest required distribution date for participants of corporate employee benefit plans, self-employed plans, simple plans, IRAs and IRA rollovers. MinDist produces easy to understand reports for the plan participant that illustrate the current year's distribution or the projected distribution for any number of years in the future.

FAS106

FUNCTION: FAS 106, Financial Reporting

The BLAZE SSI FAS106 System is designed to compute the current service cost, the accumulated benefit obligation and the projected benefit obligation under the Financial Standards Accounting Board Statement 106 for a post-retirement medical benefits plan.

Plan Termination System

FUNCTION: Defined Contribution/401(k)

The BLAZE SSI Plan Termination System computes termination liabilities for all types of qualified retirement plans. The system prints plan sponsor and participant information notices and other forms related to plan termination.

FAS87 SYSTEM

FUNCTION: Defined Benefit, Financial Reporting

The BLAZE SSI FAS87 System produces a comprehensive reply to the standard auditor's letter associated with FASB statement 87, including all related schedules and worksheets. The System also includes a separate report for FASB 132 required disclosures for non-public entities.



Lynchval Systems Worldwide Inc.

www.lynchval.com
4170 Lafayette Center Drive Suite 500
Chantilly, VA 20151
(703) 709-1000

CONTACT: Mark Webster

EMAIL: sales@lynchval.com

Also see our ad on page 89

LVval

FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Defined Benefit, Education/Training, Financial Reporting, Illustrations, Modeling, Valuation

Defined benefit valuation software has flexibility for valuation of any current or future plan formula. Provides single-click, client-ready reporting of 412/404/OBRA/ RPA/PBGC/FAS87/FAS35 valuations and model valuation reports. Deterministic and Stochastic Asset Liability Modeling included. Windows interface includes utilities for data validation/analysis, rate table entry and interpolation, multiple file viewing, Social Security Benefit Calculation, Actuarial Factors and Functions, reporting via ODBC database.

LVadmin

FUNCTION: Administration/Documents, Analysis, Cash Flow/Projections, Data Management/Warehousing, Defined Benefit, Education/Training, Financial Reporting, Illustrations, Modeling, Valuation

Defined benefit administration software which performs normal and optional form benefit calculations for single and multiemployer corporate and government plans.

LVa4

FUNCTION: Analysis, Compliance/Testing, Defined Benefit, Defined Contribution/401(k), Education/Training

Description: 401(a)(4) discrimination testing used with LVval or other DB valuation systems. Can also be used on a stand-alone basis to cross test DC plans. Features include: normalization, accounting for permitted disparity, normal and most valuable accrual rates for DB plans, testing on either a contribution or benefit basis, automatic plan restructuring.



PensionSoft Corporation

www.pensionsoft.com

65 Cope Farms Road

Farmington, CT 06032

(860) 680-1375

E-MAIL: sales@pensionsoft.com

Also see our ad on page 73

DB Precision

FUNCTIONS: Administration/Documents, Data Management/Warehousing, Defined Benefit, Financial Reporting, Illustrations

DB Precision is a relatively new product. It automates the production of participant benefit calculations and statements for defined benefit pensions. Its relational database simplifies employee data storage and reporting. Screens are easy to navigate and calculations are completed in seconds. Each plan setup generally takes less than a day.



PolySystems, Inc.

www.polysystems.com

30 N. LaSalle Street

Chicago, IL 60602

(312) 332-5670

CONTACT: Gary Busse or Bob Keating

E-MAIL: gbusse@polysystems.com or

bkeating@polysystems.com

Also see ads on pages 63, C3

Income PayMaster

FUNCTION: Valuation

Income PayMaster is a first-principles statutory, tax and GAAP valuation system for annuities in the payout stage. Special features include structured settlement Guideline 9A and 9B processing, edit verify routines, Annuity 2000 mortality tables, and early retirement adjustment capabilities. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Delphi Series

FUNCTION: Cash Flow/Projections, Modeling

Delphi Series is a forecasting system that produces statutory, GAAP and tax income statements, balance sheets, and analytical reports. This PC-based system may be combined with any of the Master series of valuation systems to project balance sheet and income statement data on a statutory, GAAP and tax effected basis. Special features include direct handshake with valuation and policy description and a new business model. The system runs on Windows 2000/NT/XP, and UNIX, and allows the user to examine the affect of reserve options on existing or new business. PolySystems valuation and projection functions are grid enabled for large company jobs.

Asset Delphi

FUNCTIONS: Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Financial Reporting, Loss Reserving, Modeling, Valuation

Asset Delphi is a PC based financial projection tool that is used for asset/liability management, corporate planning, cash flow testing, GAAP and Statutory financial simulations. Asset Delphi facilitates the interactions between the projected asset cash flows of a company's investment portfolio and the liability cash flows generated by PolySystems' powerful liability projection software for all lines of business. Asset Delphi is used as a dynamic management tool to utilize the results of the asset/liability interactions and to assist in the business decision process. PolySystems valuation and projection functions are grid enabled for large company jobs.

Horizon Series

FUNCTION: Data Management/Warehousing

Horizon systems collect monthly policy transactions and summarize results into income statements and balance sheets. The Horizon Series tracks policy financial information such as premiums, benefit commissions, reserve increases, expenses, terminations, and reinsurance payments to build accurate monthly historical profits by plan and year of issue. The PC based system interfaces with the company's administrative system to create its data. Policy data can be rolled up into summarized history files. It runs on a variety of operating systems, including Windows 2000/NT/XP, and UNIX. PolySystems valuation and projection functions are grid enabled for large company jobs.

Winklevoss Technologies

www.winklevoss.com/wintech
500 West Putnam Avenue
Greenwich, CT 06830
(203) 861-5530

CONTACT: Joe Gilbert

E-MAIL: sales@winklevoss.com

Also see ad on page 65

ProVal
ProVal

FUNCTIONS: Administration/Documents, Analysis, Cash Flow/Projections, Compliance/Testing, Data Management/Warehousing, Defined Benefit, FAS 106, Financial Reporting, Modeling, Valuation

Comprehensive software for valuations and projections of defined benefit and OPEB plans. Handles U.S. qualified, SERP, public, Canadian registered, and other international plans. Flexible design includes data scrubber, comprehensive assumptions, detailed sample lives, gain/loss analysis, funding/accounting exhibits, experience studies & nondiscrimination tests. Stochastic projections include state-of-the-art capital market simulator.

ProAdmin

ProAdmin

FUNCTIONS: Administration/Documents, Defined Benefit, Illustrations, Modeling

Suite includes defined benefit administration tools ProAdmin, ProAdmin Server and PensionASAP for outsourcers, corporations and actuaries. ProAdmin is built on the ProVal platform and incorporates its flexible benefit expression language. Users can create benefit formulas, service, salary, rounding, etc. definitions from user-defined components rather than a fixed set of pre-defined parameters. Offers significantly reduced implementation and coding time. ProAdmin Server is a scalable calculation engine that integrates smoothly into an existing infrastructure using an HTTP/XML interface. PensionASAP offers a complete content management system and a secure participant

ProVal^{PS}

ProValPS

FUNCTIONS: Analysis, Cash Flow/Projections, Defined Benefit, Financial Reporting, Illustrations, Modeling

Graphical DB plan tool kit designed for the plan sponsor or the plan's advisor. Powered by ProVal, ProVal PS offers Financial Sensitivity, Disclosure and Budgeting and Asset Allocation tools. Includes the ability to consider the plan sponsors' goals and observe their affect on investment options from the efficient frontier.

WYSTAR | Global Retirement Solutions

WySTAR Global Retirement Solutions

www.wystar.com
9210 Corporate Blvd., Suite 300
Rockville, MD 20850
(800) 505-9076

CONTACT: Steve Nelson

EMAIL: stephen.j.nelson@wystar.com

Also see our ad on page 74

DBVAL

CONTACT: Steve Nelson

EMAIL: stephen.j.nelson@wystar.com

FUNCTION: Analysis, Cash Flow/Projections, Data Management/Warehousing, Defined Benefit, Modeling, Valuation

DBVAL is a Windows-based, multiple decrement valuation system for large and small plans. DBVAL offers complete flexibility: benefits, payment forms, actuarial methods, assumptions, open group forecasting, stochastic projections, gain/loss analysis, valuation report, FAS 87/132 report, employee data preparation, extensive documentation and sample life checking. Web benefit projections for participants available.

DCVAL

CONTACT: Sudha Auluck

EMAIL: sudha.auluck@wystar.com

FUNCTION: Compliance/Testing, Data Management/Warehousing, Defined Contribution/401(k), Modeling, Valuation

DCVAL is a Windows-based, traditional balance forward participant recordkeeping system for ESOPs, 401(k), profit sharing, money purchase, target benefit, age weighted and nonqualified plans. Friendly import/export interface with spreadsheets. DCVAL provides complete compliance and reporting packages.

GRT

CONTACT: Steve Nelson

EMAIL: stephen.j.nelson@wystar.com

FUNCTION: Analysis, Compliance/Testing, Defined Benefit, Defined Contribution/401(k)

GRT is a Windows-based, parameter-driven system for the 401(a)(4) General Rule Test and the 410(b) participation and average benefit percentage tests. GRT handles DB and DC plans, aggregation and cross-testing. It determines HCEs, normal and most valuable accrual rates; overrides allowed. GRT offers flexibility in determining rate groups.

OPEVS

CONTACT: Steve Nelson

EMAIL: stephen.j.nelson@wystar.com

FUNCTION: Analysis, Cash Flow/Projections, FAS 106, Valuation

OPEVS is a post-employment benefits valuation system for FAS 106, 112, 132, SOP 92-6 and GASB 45. OPEVS accommodates trend assumptions, attribution methods, multiple decrement demographic assumptions and year-by-year financial assumptions. It produces reports, sample lives and sensitivity analysis. OPEVS values medical, disability, severance and life insurance benefits.

Property / Casualty



A.M. Best Company

www.ambest.com

Ambest Road

Oldwick, NJ 08858

CONTACT: Corporate Sales

EMAIL: sales@ambest.com

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Best's Aggregates & Averages—Online (Property/Casualty)

FUNCTION: Analysis, Financial Reporting, Modeling

This Web-based reference contains current and historical statistics on the property/casualty industry, presented in Excel® spreadsheet format. Results in key areas of insurer performance for all companies in the industry are aggregated and presented in meaningful exhibits, vital for benchmarking and strategic planning. Best's Aggregates & Averages—Online—Property/Casualty makes it easier than ever to customize reports using Best's Aggregates & Averages data.

Best's Property/Casualty Center—Premium Data and Reports

FUNCTION: Analysis, Financial Reporting, Ratings

This Center provides access to detailed financial information on the performance of more than 3,000 property/casualty insurers and the most vital and requested data and reports offered by A.M. Best's line of property/casualty financial products concerning the U.S. market.

Best's Statement File—Property/Casualty—US

FUNCTION: Analysis, Financial Reporting, Modeling, Ratings

Best's Statement File—Property/Casualty provides complete financial statement data for thousands of property/casualty insurers, plus unique group records and consolidated results available from no one but A.M. Best. Eleven years of data are presented to facilitate 11-year trend analysis across all data points, and online access to 11-year Best's Executive Summary Reports is included. Exhaustive cross-checks ensure accuracy, and data is released within weeks of the filing deadline, with multiple updates issued throughout the year.



EMB America LLC

www.embamerica.com

12680 High Bluff Drive, Suite 110

San Diego, CA 92130

CONTACT: Thomas Hettinger

EMAIL: tom.hettinger@embamerica.com

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Igloo Professional-Financial Simulation Engine for Risk Modeling

FUNCTION: Modeling

Meeting the demand for sophisticated financial modeling, Igloo Professional fills the gap between defining the problem and implementing the solution. Igloo Professional is designed to help actuaries and analysts create customized models that take into account the uncertainties of the real world to develop solutions to complex problems facing insurers. Igloo is being used by individual companies and global insurance conglomerates to assess reinsurance options, to understand optimal asset structures, to facilitate comprehensive business planning, and to determine capital requirements. Contingencies | MAR/APR.06 75

ExtrEMB-Dynamic Parameterization for Risk Modeling

FUNCTION: Modeling

ExtrEMB enables the user to parameterize financial simulation models with appropriate techniques and distributions. ExtrEMB breaks new ground, making it possible to:

- Parameterize financial models with accuracy and efficiency.
- Determine the dependency relationships inherent in the input data.
- Integrate the parameterization process with a simulation model.

EMBLEM-Pricing Software for Personal and Commercial Lines Insurance

FUNCTION: Modeling, Pricing

EMBLEM is a revolutionary predictive modeling software package specifically tailored to the pricing of personal and commercial lines of business. It is currently used by over 100 insurance companies (including 6 of the top 8 US personal lines auto insurers) to:

- Identify new and better quantify existing rating characteristics.
- Create UW and insurance scores.
- Build retention and conversion models.
- Assess claims to set reserves, predict fraud, and avoid lawsuits.

EMBLEM is flexible, extremely user-friendly and embraces all stages of the pricing process from

data processing to decision making. It is the fastest GLM tool with the capability of modeling millions of observations in seconds and includes a comprehensive set of diagnostics.

Rate Assessor-Pricing Implementation for Personal and Commercial Lines Insurance

FUNCTION: Pricing

Rate Assessor is a rating engine and reporting tool that facilitates the analysis of new and existing rating structures to allow the company to implement the optimal set of rates. It bridges the gap between theoretical models and implementing rates by providing comprehensive competitive, impact, and subsidy information. A large array of graphs, charts, and maps make it easy to synthesize the results, analyze the data, and communicate findings to senior management.

Classifier-Advanced Categorization for Personal and Commercial Lines Insurance

FUNCTION: Pricing

Location is a major driver of risk, thus getting the correct geographical assessment provides a real competitive advantage. Classifier is a highly visual and interactive tool specifically designed for the analysis of high-dimensional variables, like zip codes. It is a flexible tool that allows the user to combine internal and external data and includes the latest statistical techniques available (e.g., spatial smoothing, clustering, and credibility-weighting).

ResQ Professional-The Market Leading Loss Reserving Tool

FUNCTION: Loss Reserving

ResQ Professional and ResQ Enterprise offer timesaving data management capabilities, reserving techniques of unparalleled flexibility, and sophistication and reporting options that allow results to be presented and explained with ease. It was designed by insurance professionals to facilitate the creation of new analyses as well as to quickly update past reviews. ResQ Enterprise is a leader in addressing Sarbanes-Oxley requirements. ResQ is used by more than 125 companies worldwide (1000+ users), including many global insurance corporations.

RePro-Analysis Software for Excess of Loss Insurance and Reinsurance

FUNCTION: Reinsurance Utilization/Loss Reserving

RePro is a unique software product that converts reinsurance programs into graphical representations, enabling users to analyze their covers and exposures. It arose out of a practical need to be able to explain issues regarding reinsurance programs and inwards coverage blocks to senior management and has now become an invaluable management information tool.

PrisEMB-Pricing Software for Commercial Insurers and Reinsurers

FUNCTION: Pricing

PrisEMB is designed to meet the practical needs of time-constrained underwriters in the assessment of risks by analyzing, storing and retrieving data. It is unique in commercial insurance and reinsurance because it brings together the four key components required for effective underwriting management; pricing, reserving, data and management information. It also creates audit trails, keeping a reliable record of all quotes and enabling accurate, timely reserving.



Insureware Pty Ltd

www.insureware.com
Suite 6&7, 40-44 St Kilda Road
ST KILDA 3182 Australia

CONTACT: Prof. Ben Zehnirith

EMAIL: insureware@insureware.com

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ICRFS-Plus

FUNCTION: Analysis, Data Management/ Warehousing, Loss Reserving, Modeling, Pricing

ICRFS-Plus is a unique information management system for long-tail liabilities. It affords benefits that cannot be obtained in any other way. The innovative multiple triangle modeling framework allows you to estimate (the various types of) correlations between lines of business, and provide a company wide picture (and report) that is critical input for Dynamic Financial Analysis. Loss reserving, pricing, risk-based capital calculations and reinsurance structures (outward and inward) are soundly based on quantifying the volatilities intrinsic to your company. Join the growing list of global companies that use ICRFS-Plus to risk manage their long-tail liability lines of business.

ICRFS-ELRF

FUNCTION: Analysis, Data Management/ Warehousing, Loss Reserving, Modeling, Pricing

ICRFS-ELRF gives you a statistical version of the common actuarial techniques for loss reserving, plus much more. It allows you to calculate the uncertainty of your forecast loss reserves, try the extended modeling features to better capture trends in your data and use modern statistical tests to assess the quality of your model. The powerful database module lets you to navigate easily through your loss development arrays, models and reports. The easy-to-use graphical interface allows you to create and evaluate models in seconds, using diagnostic plots. The Report Manager allows you to export all results to Excel or Word and create customised reports.



Palisade Corporation

www.palisade.com
798 Cascadilla Street
Ithaca, NY 14850
(607) 277-8000

E-MAIL: sales@palisade.com

Also see our ad on page 69

RISKOptimizer

FUNCTIONS: Analysis, Cash Flow/ Projections, Data Management/ Warehousing, Modeling, Pricing

For high-speed optimization under uncertainty in Excel. Ideal for complex optimization problems such as resource allocation or pricing decisions. RISKOptimizer tries different solutions and runs Monte Carlo simulations on each one in order to determine the best possible overall solution.



SS&C Technologies

www.ssctech.com
80 Lamberton Road
Windsor, CT 06095

CONTACT: Warren Nagle

EMAIL: wnagle@sscinc.com

Also see our ad on page 64

Finesse

FUNCTION: Analysis, Cash Flow/Projections, Data Management/Warehousing, Education/Training, Financial Reporting, Illustrations, Modeling, Pricing, Ratings

Finesse brings the principles of Dynamic Financial Analysis (DFA) to the complex environment of the P/C insurance industry. It is unique in its ability to express forecasts in real-world terms: ROE, EPS, GAAP earnings, and capital ratios - performance metrics used on a daily basis in the executive suite



**TOWERS
PERRIN**

TILLINGHAST

Towers Perrin

One Stamford Plaza
Stamford, CT 06901-3226
(404) 365-1700

CONTACT: Tillinghast Software Solutions

E-MAIL: softwaresolutions@towersperrin.com

Also see ads on pages 8-9

MoSes™ 5

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Illustrations, Modeling, Pricing, Valuation

MoSes delivers unmatched flexibility with powerful control and audit tools. Applications now include TAS Tillinghast Actuarial Software. Our variable annuity applications for RBC C-3 Phase II and dynamic hedging help companies satisfy new requirements. MoSes excels at advanced solutions, such as stochastic-on-stochastic analysis and risk management.

TAS:P/C Tillinghast Actuarial Software™

FUNCTION: Analysis, Cash Flow/Projections, Compliance/Testing, Financial Reporting, Modeling, Ratings, Valuation

TAS:P/C is a financial projection software system that performs scenario testing with fully integrated asset and liability modeling under alternative economic, capital market and insurance market environments. The software is designed to help property/casualty insurance companies evaluate business strategies, assess capital requirements, analyze reinsurance options, manage volatility and measure value creation.

RPIL: Excess Loss System

FUNCTION: Analysis, Cash Flow/Projections, Financial Reporting, Modeling, Pricing

RPIL is a Windows-based excess reinsurance pricing and portfolio management system, with exposure and experience rating capabilities for international P/C treaty and facultative and direct excess programs.