

Financial Markets Simulation Platforms

Simulation Platforms for Financial Learning Centers

Capital Market Simulator
Portfolio Market Simulator
Fixed Income Trading Simulator
Real News Trading Simulator
Forex Trading Simulator
Option Strategy Analyzer

Technology Enabled Learning: Experiential Simulations for the Capital & Wealth Markets



CapitalWave Inc.
Technology Enabled Learning



EduTeach
Financial Simulations for Universities



CapitalWave Inc.

TECHNOLOGY ENABLED LEARNING

Simulation Platforms for the Financial Markets

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Delivering Innovative Training Simulations

Technology Enabled Learning Simulations

Millennial's currently represent less than 14% of the work force (2012). It has been estimated that by the end of 2015 their numbers will grow to 47%. The competition for Top students/graduates is already intense. The learning challenges that they represent to both universities and corporations are daunting. The question of how to weave appropriate learning into the current curriculum and to accelerate that learning for the next phase learning is a huge experiment. Already they (the Millennial's) have spent more time playing video games than they have spent in classrooms. Much of their learning has been via technology and engaging games simulations. They have a high comfort level with this learning style and the technology that facilitates their learning.

The needs and demands for the future of learning will be a mix of existing program delivery, interlaced with social networking tools in conjunction with experiential simulations. We already know that simulations allow for participants to be involved in a highly collaborative and social experience; while learning a range of complex skills in a controlled and repeatable environment.

Simulations allow for learners to manage and experience: problem solving, risk management, critical thinking, team dynamics, and conflict resolution as well as knowledge relevancy. The environment of gaming and social engagement only amplifies the learning for these individuals, accelerating and cementing knowledge retention in fast moving markets.

What technology enabled learning are you using to attract and/or retain your staff?

Delivering Innovative Simulation Solutions ©

CapitalWave Inc. is committed to "Delivering Innovative Simulations Solutions" to universities, commercial and investment banks, corporate treasuries, and other financial institutions. Delivering Solutions and Simulations is dramatically different from delivering programs. We work hard to make our simulations are applicable, relevant and engaging. *We expect that those who use our simulations walk away with something that is applicable to them today.*

Quality and innovation, using the most advanced techniques technology can offer, have made us global leaders in delivering dynamic and motivating simulations for the capital and wealth markets. Our approach to training includes the integrating of theory with practice; creating an unforgettable and comprehensive learning experience. This effort allows for participants to apply new knowledge immediately.

Delivering Innovative Training Simulations

We specialize in all aspects of the financial markets, and our simulations can be customized for any level participant. They can focus in depth on a particular product or topic, or deliver integrated development experiences covering a wide range of instruments and issues. Universities as well as mainstream banking, investment banking and front-office staff can really benefit from our blended learning approach, as well as your back office operations, IT, and compliance personnel.

Total Commitment to Excellence

CapitalWave is dedicated to providing the very best in training simulations for your people. Our corporate DNA is as a training company; we are committed to creating the most effective and cost efficient simulations for your training and educational needs.

Quality and innovation, using the most advanced techniques technology can offer, have made us leaders in development and delivery of dynamic and motivating training simulations for the financial markets. We have the expertise and experience to originate relevant written material, learning and case studies in-house. This enables us consistently to deliver the highest quality products to our clients.

Our training methodology, integrating theory with practice using our powerful training tools, creates a memorable and multi-faceted learning experience. The result pays immediate dividends in the retention of newly-learned concepts and their practical application in the financial marketplace.

Why use simulations for learning?

From a survey conducted by *Simulations & Gaming* (Volume 35 #2), of over 325 users of simulations it was evident that the most advantage for the user was experimental learning, whilst the advantage for trainers/facilitators was the interactive/dynamic exercises.

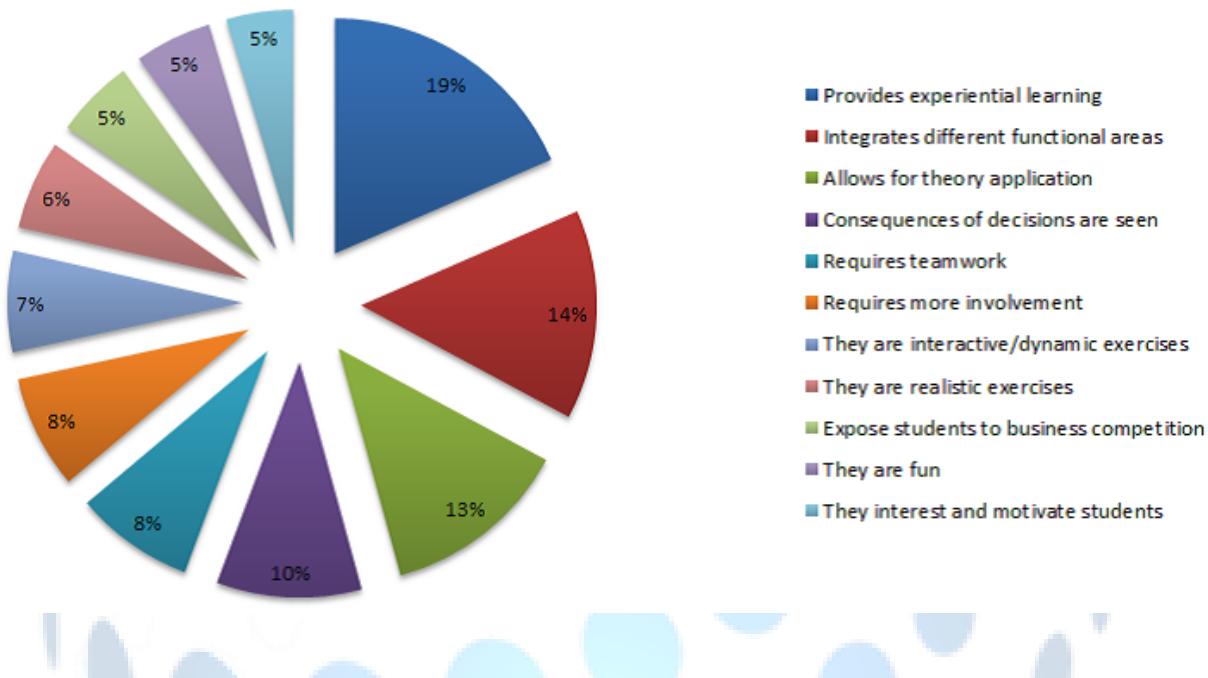
“Simulations are essentially a way of helping people develop their skills and knowledge quickly.”
– Harvard Management Update

At CapitalWave we have been built our online simulator platforms using the latest technologies and by applying proven educational methodologies gained from our exposure to academia and leading global investment firms.

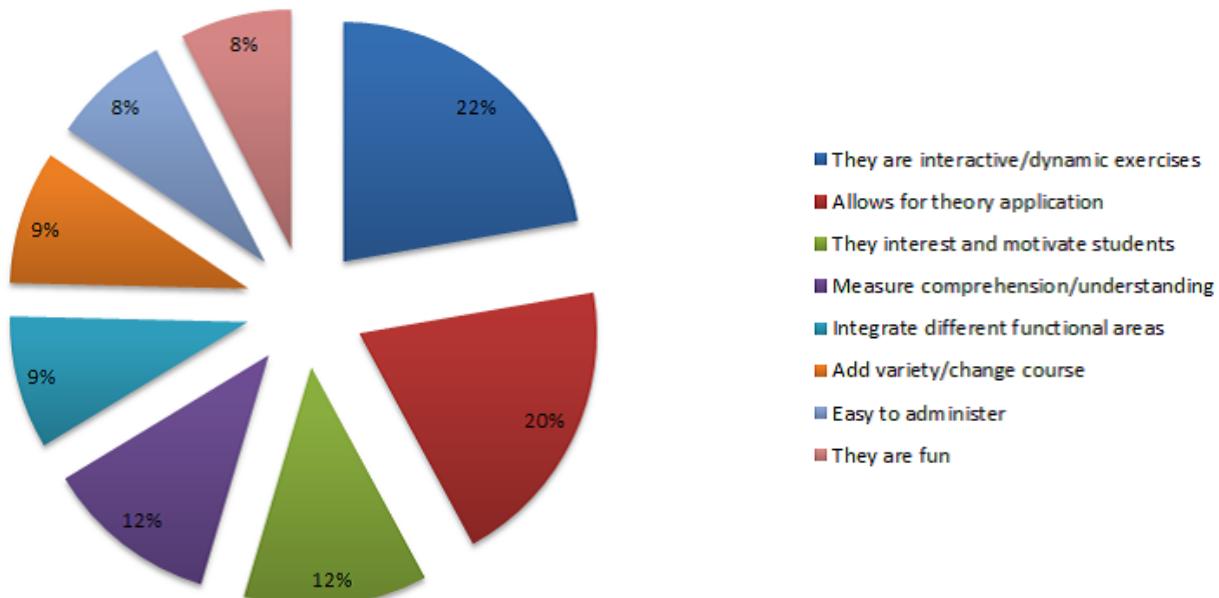
Although complex and dynamic in appearances, replicating true market systems and environments, CapitalWave simulators have been designed primary with the user in mind and as such lead them through an experiential learning process to build on their knowledge....it is as simple as A, B, C --- **Analytical, Business and Competitive.**

Delivering Innovative Training Simulations

Advantages for the Delegate



Advantages for the Instructor



Delivering Innovative Training Simulations

The Value of using Simulations

"The majority of University Finance Labs have become nothing more than just extensions of the University library. They are used as eye-candy to drag prospective students and alumni past to obtain enrollment or donations. Unfortunately, they are rarely used for experiential learning and teaching." - Finance Lab Director (at a major university in the US) June 2014

Years ago the majority of students was about the same age and attended traditional face-to-face classrooms. Today, undergraduate students can range from 17 year old high school graduates, to 28 year old "non-traditional" students, to 40 year old single working mothers who may be taking the same classes as their own children and can be involved in a variety of classroom settings. In this mix we find a group of students born between 1982 and 2000 who are dubbed the "Millennial" generation. Although not inherently different than any other student, the millennial generation has characteristics unique to the digital age.



Born 1982 through 2000, Millennials are the most diverse generation we have had to teach, thus our approaches to teaching must be diverse. "Millennials expect to be *engaged* in their learning, they do not do well being passive learners. *If you (as a teacher/university) do not have technology that will be part of their learning, they will go somewhere else where they can be engaged with, and interactive with, technology.* Millennials perceive a sharp contrast between their comfort level of technology and the technology comfort level of their teachers" (Starlink, 2004). These technologies include the cell phones, computers and the Internet.

The trend toward Millennials using iPods and laptop computers rather than desktop computers reflects their preference toward a more portable learning environment. Millennials use texting and instant messaging (IM) to communicate with peers and set up meetings and use email to clarify course information and expectations. *The Internet allows students to "express ideas that they would not have voiced in class" and is the preferred method of conducting research* (Starlink, 2004, p. 10).

Traditional approaches to teaching may not address the learning preferences of the Millennial student. Lectures and traditional classroom and laboratory environments, albeit typical (and comfortable) from an educator's point of view, can be enhanced through online and electronic modes. For example, MIT's microelectronics lab that is available 24x7, where students can

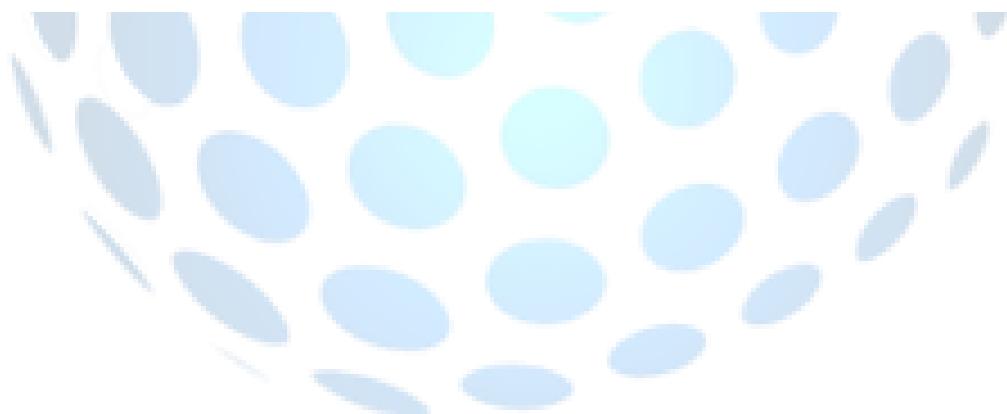
Delivering Innovative Training Simulations

conduct lab work at their convenience and the University of Virginia's interactive Web site "The Valley of the Shadow," which allows students to draw their own conclusions about the Civil War through researching original material and data via a variety of sources (Starlink, 2004). **Students can be more engaged and motivated to learn by providing authentic learning experiences instead of "lecturing" the facts.** We should consider creating learner-centered classroom environments to engage Millennials.

Games and simulations can "help learners visualize complex systems" such as magnifying an environment otherwise not possible in some situations. For example, "seeing" the inside of a cell, changing the speed of chemical reactions, or visualizing an acoustical environment can help students better understand the environment (Starlink, 2004).

Considering the fact that many of our students are working full- and part-time jobs while taking classes, Universities may need to "repurpose" their teaching practices. Similar to the ways students may have to juggle time committed to work and studies, so too, faculty may need to approach the classroom with new and inventive ways to impart learning. To address these new approaches, faculty can offer deliberate and meaningful learning experiences and opportunities where students can see the connections between new material and real world applications.

http://www.niu.edu/facdev/resources/guide/students/millennials_our_newest_generation_in_higher_education.pdf



Delivering Innovative Training Simulations

Simulations Portfolio

Capital Markets

Real News Trading

Portfolio Construction & Management

Fixed Income Trading

Forex Trading

Technology Enabled Learning (TEL) is the foundational approach to modern corporate training programs. The weaving of lecture, material, case studies, social media tools along with simulations create an engaging environment for learning. Firms need fast paced programs that are not just 10,000 foot reviews of material but are 'deep-dives' into the nuances of complex financial topics.

Many firms use and employ quality lecture and case-studies, but are unable to offer an integrated technology enabled learning solution as part of their curriculum. This gap in learning tools is one of the advantages that CapitalWave offers our clients.

We current offer four different world-class and enterprise enabled simulation products:



Delivering Innovative Training Simulations

Capital Market Simulator



CapitalCMS (v 3.4 -latest update June 2016) is our highly engaging Capital Market Simulator (CMS). This powerful and interactive multi-trader simulation platform allows delegates to experience the realistic and competitive pressures of real trading in a tightly controlled environment. The CapitalCMS currently allows for trading of Equities, Fixed Income, Forex, Metals, Commodities and Energy Instruments. This intuitive and easy to use program has the breadth to cover complex instruments.

The CapitalCMS is available to run in both open and closed training facilities. In open facilities, delegates that are not local can participate in the simulations via the internet -- keeping even

those remote participants engaged in programs where they are not local. In closed environments, the simulation recreates live markets for those without an internet connection.



The flexibility of the program is such that it can be used in fixed mock trading settings or in ad-hoc training environments where computer platforms are not uniform.

The advanced metrics for the CMS measures traders (or trading teams)

based on profitability, on the individual trades as well as the cumulative trading strategy, measuring the number of trades noting those that were profitable, as well as tracking the size of the trades, measuring market making as well as measuring the risks taken via RaROC, Sharpe Ratio, Beta vs. Alpha analysis and both the Treynor and Sortino Ratio.

The CMS also provides a license to the Simulation Writer. This is the powerful development tool that can take data and convert it to be used with the CMS. You can re-create past events or create future events providing the experiential outcome that you desire. Using this tool for simulation creation allows for unlimited simulation creation.

The CapitalCMS is available for licensing to corporations and universities. Licensing the CapitalCMS includes both the Market Platform as well as Trader programs, but also a set of market proven material and simulations allowing for clients to jump-start and extend their internal training initiatives. This product can be co-branded with the client logo.

Delivering Innovative Training Simulations



Real News Trading Simulator

CapitalRNTS – Real News Trading Simulation. The CapitalRNTS (v. 4.01 -latest update August 2016) is an engaging multiplayer simulation that requires participants to create teams that will read and respond to real news and to create macro-economic trading strategies that runs the duration of any variable-length program. The RNTS requires that each team make investments within a broad category of flexible instructor-selected investments.

They are able to trade a Futures Index, manage currency and the impact of exchange rates, work with an equity investment, and make decisions on a metals (gold) and energy (oil) contracts as well as the impact of a fixed income and agricultural product. Trading all of these as well as the added competition of multi-player teams, both within the same program as well as teams that are participating in other programs.

Offering individual as well as team performance and analysis is available for all teams and players, creating a competitive environment that is highly instructional as well as engaging.

Financial firms can offer this highly instructive program within their summer programs as well as part of any continuing educational program ran throughout the year.

Universities can offer the CapitalRNTS to students in various classes, highlighting the material that they are learning as well as engaging in looking at and understanding the financial markets.

The CapitalRNTS is available for licensing to corporations and universities. Licensing the CapitalRNTS includes Individually Branded Access to the RNTS platform as well as Instructor and delegate/student. This simulation works with a wide number of programs and can be customized for either individual programs or clients.

Nominated for "Best Learning Simulation or Virtual Environment 2011"



Delivering Innovative Training Simulations

Portfolio Management Simulator



CapitalPMS (v. 3.10 -latest update July 2016) is our comprehensive Portfolio Management Simulator (PMS) designed for delegates who work in the Wealth Management, Investment Management, Private Banking and Hedge Funds. This simulation is a versatile and flexible multi-player simulation that challenges those seeking to develop their knowledge of the fundamentals of modern portfolio theory, asset allocation theory, equity and fixed income analysis and portfolio construction techniques.



The CapitalPMS has a diverse offering of equity and fixed income instruments along with dozens of world currencies allowing for dynamic multi-period simulations that provide exposure to all of the world's major exchanges and emerging markets. The program allows for: sector, geo-centric, geo-political and currency risks in the simulations. As with the CapitalCMS, the CapitalPMS program can run in both open, allowing for delegates who are participating remotely to participate in the complex simulations, or closed facility environments.

With each economic outcome, you are able to recreate actual and/or fictitious financial markets allowing for the users to experience diverse market forces and allowing them to apply portfolio theory in a competitive and exciting environment. Instructors can reuse these economic environments over and over by requiring a different balance to the portfolio criteria (i.e. trading only Euro dominated securities or only emerging market securities)

The CapitalPMS is available for licensing to corporations and universities. This product can be co-branded with the client logo. Licensing the CapitalPMS includes the PMS platform and client access, but also a set of market proven material and simulations allowing for clients to jump-start their internal training initiatives.

Delivering Innovative Training Simulations

Fixed Income Trading Simulator



The CapitalFITS – Fixed Income Trading Simulator (v2.30 – updated as of July 2016). Given the massive size of the Fixed Income markets, it is imperative that staff and students have the ability to understand this complex market. Knowing how fixed income securities, along with money market instruments, can be weaved into a better understand of the markets as well as how to hedge risk and use repos to manage expectations.



Students trade against an electronic market, and depending on the simulation, trade a number of different government, municipals, agency corporate, asset-backed and money market instruments.

As with all of our platforms, we provide a core number of simulations, but provide the tools to our users to create their own simulations, which can be comprised of historical and client designed scenarios which illustrate particular market conditions. The FITS platform allows for users to trade a fixed income portfolio for any given number of markets, either defined by time, or geography or currency.

As with most of our simulation platforms, we license the FITS either individually or as part of our “Power Suite” of simulation platforms to corporate clients, training companies and universities globally.

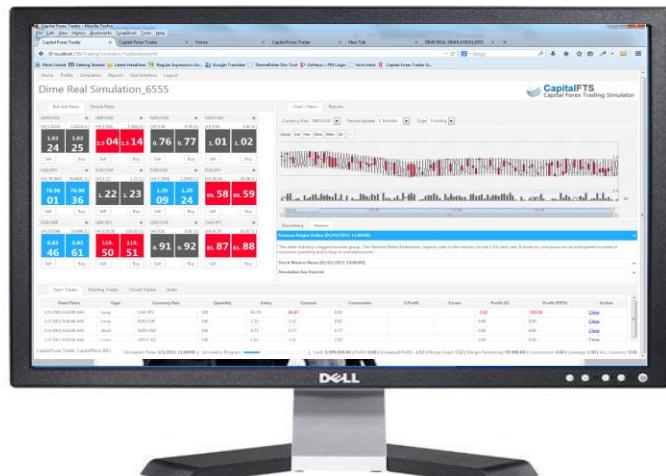
Delivering Innovative Training Simulations

Forex Trading Simulator

The Forex Trading Simulator or CapitalFTS (v2.2 – last update July 2016) is an engaging and powerful Forex trading simulator designed to get participants to understand the role of currencies and trading them in a global economy.

This is our latest simulation platform. Created due to client requests to have a simulation platform that accurately represents a Forex trading environment and the conditions under which a Forex trader lives. We choose to work with industry professionals to insure that the platform was not only robust but included all of the necessary tools for students to understand this complex market.

As with all of our platforms, the FTS is a competition based simulation platform that allows for instructors to select (and create) market conditions that are repeatable and not dependent on ‘the current market conditions’ which may be either static or volatile. As a firm, we strongly believe that having the ability to create simulations provides the best opportunity for the learner to experience situations that may have occurred in the past OR may occur in the future. As with all of platforms, FTS has added a deep set of analytically performance measures for instructors to use in analysis of trader/student participation. We deeply believe that the addition of these analytic summaries create a deeper value of the product to each client. What makes this simulation so versatile is that it can be customized to the program being conducted and offers instructors the ability to align the tradable securities with their material.



Delivering Innovative Training Simulations

Learning Platforms

Option Strategy Analyzer
Portfolio Allocation Simulator
Fixed Income Analyzer

Technology Enabled Learning (TEL) is the foundational approach to modern corporate training programs. The weaving of lecture, material, case studies, social media tools along with simulations create an engaging environment for learning. Firms need fast paced programs that are not just 10,000 foot reviews of material but are 'deep-dives' into the nuances of complex financial topics.

Many firms use and employ quality lecture and case-studies, but are unable to offer an integrated technology enabled learning solution as part of their curriculum. This gap in learning tools is one of the advantages that CapitalWave offers our clients.

We current offer three different world-class and enterprise enabled learning platforms:



Delivering Innovative Training Simulations

Option Strategy Analyzer

CapitalOSA -- Option Strategy Analyzer (v. 2.511 - latest update August 2016). The CapitalOSA is an online training product that provides a deep analysis of options. This web-based set of tools allow for examining and comparing the profitability and risks of various options strategies using payoff charts along with and other strategies and hedging techniques.

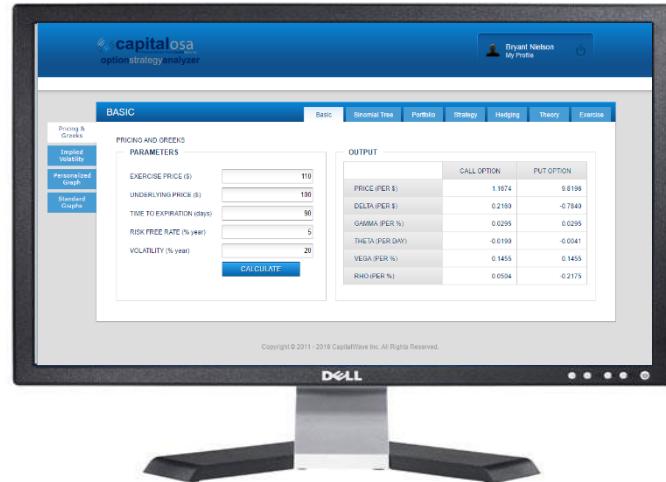
The CapitalOSA provides all the functions for the calculation of option prices, hedge parameters ("Greeks"), implied volatility, historical volatility, underlying asset probabilities, trading profitability, futures pricing, identification of optimal early exercise points, and much more.

When conducting training on these advanced derivative products, instructors can utilize the CapitalOSA in ways that allow for delegates to better understand the basic as well as advanced hedging strategies that can be employed with Options.

The OSA is a highly flexible tool that allows for students engage in multiple 'what if' situations.

We currently have a growing number of exercise for use with the product. Each exercise allows for the delegates to use the OSA to formulate a strategy based on a pre-set market condition. Allowing for the use of all of the tools that options employ in investment situations.

The CapitalOSA is available as part of all CapitalWave learning programs, but also available for licensing to corporations and universities. Licensing the CapitalOSA includes co-branding of the PMS platform and client access. It also includes a set of market proven material and simulations allowing for clients to jump-start their internal training initiatives.



Delivering Innovative Training Simulations

Portfolio Allocation Simulator

CapitalPAS – Portfolio Allocation Simulator (v. 1.10 – launching July/August 2016). The CapitalPAS is an online learning platform that provides a comprehensive set of tools that can be used in learning and understanding the complexities of portfolio allocation.

Providing 13 powerful tools for portfolios. Standard tools like: Back testing of Asset Classes, the ability to Back test Portfolios, Optimizing Portfolios, Monty Carlo Simulation, both Asset and Asset Class Correlations, Efficient Frontier, FAMA-French Factor Regression, Factor Performance Attributions, as well as Market Timing Models.

While only recently launched, we have added two powerful tools, a Risk Parity tool for allocation as well as the ability to Stress Test portfolios with 10 historical black-swans.

This platform combines a detailed Theory Document about Portfolio Allocation and Construction, but also including a well-defined glossary of portfolio terms.

We have just added 90+ portfolios comprised of: Common Portfolio Allocations, Family Office Portfolios, Endowment Portfolios, Faith-Based Portfolios, Social Portfolios, High Profile Portfolios and Specialize Portfolios. All of these can be used in a comparative analysis against each other or against user defined portfolios for performance and risk.

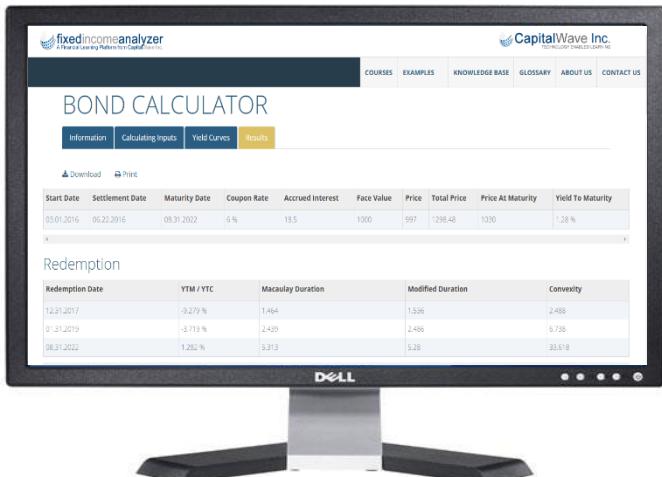


Delivering Innovative Training Simulations

Fixed Income Analyzer

CapitalFIA – Fixed Income Analyzer (v. 1.10 – expected launch August 2016). The CapitalFIA is an online learning platform that provides a set of calculator's leading to a better understanding of the Time-Value-of-Money, as well as multiple methods for calculating various bond types. The FIA learning platform additionally provides a set of tools that provide comparative and historical country bond yields going back to 1995.

This platform combines a detailed Theory Document about Fixed Income Instruments including a well-defined glossary of bond terms.


fixedincomeanalyzer
 A Financial Learning Platform from CapitalWave Inc.


Delivering Innovative Training Simulations

Subscription Information

We strongly believe that our products are superior to every comparable product current in the market. When we first launched our simulation platforms, we took the position that each was unique and should be licensed separately. Our clients were happy with what we offered, but it seems that there was a huge disconnect. The VALUE of the simulation product is not in any one simulation platform, the BEST VALUE is in the portfolio suites.

As a global solutions company, we based our pricing on USD which is converted to each country of delivery. [DOWNLOAD THE COMPLETE PLATFORM BROCHURE](#)

choose your plan	PowerSuite	PowerSuite Pro	Single Student Program
	\$35,000 per year	\$49,000 per year	\$175 per Student per Platform
Simulation Platform(s)	CMS, PMS, RNTS, OSA	CMS, PMS, FITS, FTS, RNTS, OSA, FIA, PAS	Any one of the Simulation Platforms
Cost Per Platform	\$8,750 per platform	\$6,125 per platform	N/A
Simulations	10, 5	10,10,10	Single Platform Use
Simulation Writer	Yes	Yes	No
Analytics	Yes	Yes	Yes
Support	See Support Options Below	See Support Options Below	N/A
# of Users	Unlimited	Unlimited	Individual Student License
# of Uses	Unlimited	Unlimited	Individual Course License
Branding	University or Sponsor	University or Sponsor	None
	Call Us Today!	Call Us Today!	Call Us Today!

These are Academic Licensing Prices. Global Licensing is negotiated on a case-by-case basis.

Prices are subject to change without notice. Call for the most current pricing.

Support Prices are on the following page.

Delivering Innovative Training Simulations

Support Options

Support Options

	Silver	Gold <small>Best</small>	Platinum
choose your plan	Included with Subscription	\$1,995 Annually	\$2,995 Annually
Platform Training	Semester Live Training + Online Video Training	Semester Live Training + Online Video Training + Scheduled Skype Training	Semester Live Training + Online Video Training + Scheduled Skype Training
Request Handling	Within 8 hours, Mon/Fri	H24, 7/7 - Within 6 hours including weekends and public holidays	H24, 7/7 - Within 4 hours including weekends and public holidays
First Interaction	Via ticket within 24 hours	Via ticket within 8 hours	Via Skype or Phone within 8 hours
ETA Notification	-	Within 8 working hours since the First Interaction	Within 4 working hours since the First Interaction
Ticket Resolution	9AM-6PM EST Mon/Fri	9AM-6PM EST Mon/Fri	9AM-6PM EST Mon/Fri
Support Type	Ticket	Ticket & Skype	Ticket & Skype & Phone
Support tickets per mo.	10	20	20
	Call Us Today!	Call Us Today!	Call Us Today!

You are able to choose the Support Level appropriate to your institution.

These are Corporate Licensing Prices. Global Licensing is negotiated on a case-by-case basis.
Prices are subject to change without notice. Call for the most current pricing.

SIMULATION COMPARATIVE SUMMARY

CMS – Capital Market Simulator v 3.40

- Purpose: Inter-day trading simulation platform
- Type: Individual trading / Team aggregation
- Typical Trading Horizon: 1-day
- Ideal Simulation length: 40-90 minutes (60 minutes is ideal)
- Tradable Instruments: 3-6
- Types: All instrument types
- Currency: All currencies available as base/accounting currency
- Engagement: Highly Competitive, fast action, time pressure, risk management, market awareness, trading style and trading strategies
- Level: Corporate Training, Graduate Student, Under-graduate Student
- Limitations: Local installation required.
- Full Analytics – P&L, Beta, Alpha, VaR, RaROC, Sharpe, Treynor, Sortino and Information
- Simulation Writer: Yes - online
- Included Simulations: 10

PMS – Portfolio Management Simulator v 3.10

- Purpose: Portfolio construction and Investment Management
- Type: Individual trading with focus on Team performance
- Typical Trading Horizon: 3 months to 5 years (3 year horizon is most useful)
- Ideal Simulation length: 1-2 hours, but can be done over multiple days
- Tradable Instruments: 10-5,000 (100-150 is ideal)
- Types: All instrument types
- Currency: All currencies available as base/accounting currency
- Engagement: Highly Competitive/Collaborative, market awareness, trading styles and strategies
- Level: Corporate Training, Graduate Student, Under-graduate Student
- Limitations: Not every function is available (for example we don't have "time to maturity" for FI)
- Full Analytics – P&L, Beta, Alpha, VaR, RaROC, Sharpe, Treynor, Sortino (MAR), Sortino (RFR), Standard Deviation, Portfolio Correlation and Coefficient of Determination
- Simulation Writer: Excel spreadsheet importable simulation creator
- Included Simulations: 5

Delivering Innovative Training Simulations

FITS – Fixed Income Trading Simulator v 2.31

- Purpose: Portfolio construction for Fixed Income instruments
- Type: Individual trading with focus on Team performance
- Typical Trading Horizon: 3 months to 5 years (3 year horizon is most useful)
- Ideal Simulation length: 1-2 hours, but can be done over multiple days
- Tradable Instruments: 10-5,000 (100-150 is ideal)
- Currency: All currencies available as base/accounting currency
- Types: All Fixed Income Instruments, Repo's and Currency Risks
- Engagement: Highly Competitive/Collaborative, market awareness, trading styles and strategies
- Level: Corporate Training, Graduate Student, Under-graduate Student
- Limitations: only FI instruments
- Full Analytics – P&L, Beta, Alpha, VaR, RaROC, Sharpe, Treynor, Sortino (MAR), Sortino (RFR), Standard Deviation, Portfolio Correlation and Coefficient of Determination
- Simulation Writer: Excel spreadsheet importable simulation creator
- Included Simulations: 5

FTS – Forex Trading Simulator v 2.20

- Purpose: Trading Forex
- Type: Individual trading
- Typical Trading Horizon: 1 day to 5 years (3 month – 1 year horizon is most useful)
- Ideal Simulation length: 40-60 minutes
- Tradable Instruments: 6-12
- Types: Major Pairs, any currency pair
- Currency: All currencies available as base/accounting currency
- Engagement: High Competitive
- Level: Corporate Training, Graduate Student, Under-graduate Student
- Limitations: Charting is being updated for more technical analysis
- Full Analytics – P&L, Beta, Alpha, VaR, RaROC, Sharpe, Treynor, Sortino and Information
- Simulation Writer: Yes - online
- Included Simulations: 5

Delivering Innovative Training Simulations

RNTS – Real News Trading Simulator v 4.01

- Purpose: Exposure to Global Markets, creating discussion
- Type: Individual trading with focus on Team performance
- Typical Trading Horizon: 1-day
- Ideal Simulation length: Capable of running over 1-30 days
- Tradable Instruments: 10-50 (10-20 is ideal)
- Currency: All currencies available as base/accounting currency
- Types: All Instrument Types available via the markets
- Engagement: Highly Competitive/Collaborative
- Level: Corporate Training, Under-graduate Student
- Limitations: Does not have News delivery function – uses real prices (delayed)
- Full Analytics – P&L, Beta, Alpha, VaR, RaROC, Sharpe, Treynor, Sortino and Information
- Simulation Writer: Platform built in simulation builder functionality
- Included Simulations: 5

OSA – Option Strategy Analyzer v 2.51

- Purpose: Progressive method to learning Options, Strategies and Hedging
- Type: Learning Platform
- Typical Trading Horizon: Not Applicable
- Ideal Simulation length: Strategy Building tool, ideal for use in case-studies
- Instruments: Not Applicable
- Engagement: Instructive
- Level: Corporate Training, Graduate Student
- Simulation Writer: Not applicable
- Included Case-studies: 5

Delivering Innovative Training Simulations

PLATFORM CAPABILITIES

CMS = Capital Market Simulator

PMS = Portfolio Management Simulator

FITS = Fixed Income Trading Simulator

U = Undergraduate

G = Graduate

FTS = Forex Trading Simulator

RNTS = Real News Trading Simulator

OSA = Option Strategy Analyzer

 Viewable at: <http://www.eduteach.co/simulation-platforms/>

Platform Analytics for each platform:

CMS = Capital Market Simulator

PMS = Portfolio Management Simulator

FITS = Fixed Income Trading Simulator

FTS = Forex Trading Simulator

RNTS = Real News Trading Simulator

OSA = Options Strategy Analyzer

[DOWNLOAD THE COMPLETE PLATFORM BROCHURE](#)

	CMS	PMS	FITS	FTS	RNTS
Version #	3.4	3.1	2.3	2.2	4.01
Platform "Decision Analytics"					
P&L	✓	✓	✓	✓	✓
# of Trades	✓			✓	✓
Extreams	✓				✓
Beta	✓	✓	✓	✓	✓
Alpha	✓	✓	✓	✓	✓
Sharpe Ratio	✓	✓	✓	✓	✓
Sortino Ratio (MAR)	✓	✓	✓		✓
Sortino Ratio (RFR)		✓	✓		
Treynor Ratio	✓	✓	✓	✓	✓
Information Ratio	✓			✓	✓
VaR	✓	✓	✓	✓	✓
RaROC	✓	✓	✓	✓	✓
Standard Dev (Annual)		✓	✓		
Excess Return (Annual)		✓	✓		
Portfolio Correlation		✓	✓		
Coefficient of Determination		✓	✓		



CapitalWave Inc. is a firm made up of industry professionals having a reputation for providing first-rate training and consultancy to banks and other financial institutions. CapitalWave's extensive knowledge, experience and expertise in the areas of banking and finance gives us a unique insight into the Technology Enabled Learning training tools and simulations that engage students.

Technology Enabled Learning is the philosophy on which the company was founded. Our methodology, integrating theory with practice with very powerful training tools, creates a uniquely exciting and effective learning environment. The result pays immediate dividends in the retention of newly-learned concepts and their practical application in the financial marketplace.

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