

Table of Contents

Part A: As a Chief Executive Officer (CEO) of Treasury Consulting LLP, Country Director – International Institute of Certified Forensics Investigations Professionals, Inc. (*IICFIP- NY Headquartered*), Association of Certified Accounting Professionals (*ACFAP – Dubai Headquartered*), Editor In Chief – “The Maverick Treasurer”, “The Fraudster”

Part B: Horizon of Trainings Programs for respective forums at Global level

Part C: Objective of the Course – **Calypso (TMS) – Credit Valuation Adjustment (CVA)**

Part D: Course Content – **Calypso (TMS) – Credit Valuation Adjustment (CVA)**

Part E: Trainers Profile

Part E1: Chief Executive Officer (CEO), Treasury Consulting LLP

Part E2: Ex Group Corporate Treasurer, EXL Service Holdings, Inc., HCL Technologies Limited

Part E3: Globally recognised Trainer, Faculty covering Prominent Forums

Part E4: Globally recognised Speaker

Part E5: Awards, Citations, Recognitions

Part E6: Editor In Chief – “The Maverick Treasurer”, “The Fraudster”

Part E6: Writer – Working Papers, White Papers, Books, Magazines

Part F: Contact Us



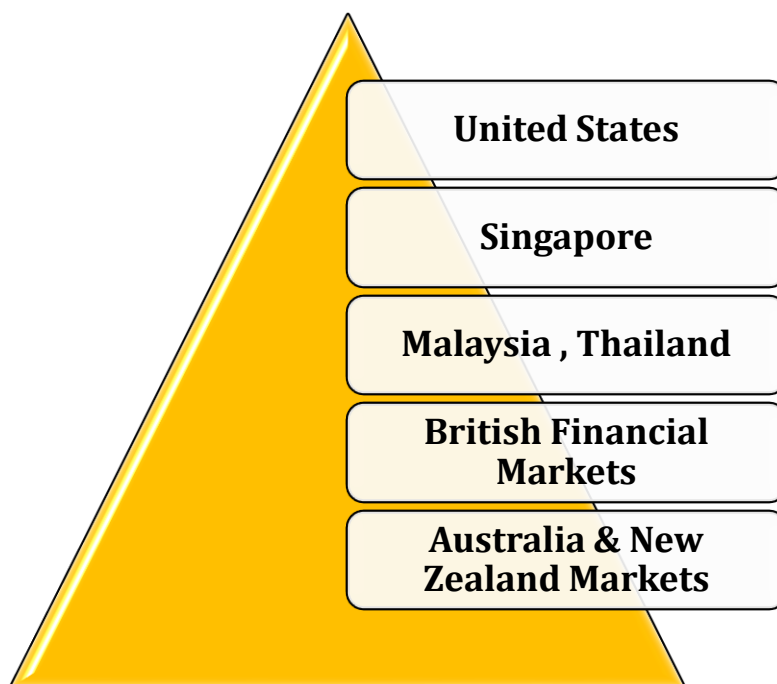
Calypso (TMS) – Credit Valuation Adjustment (CVA)

Part A: Chief Executive Officer (CEO) of Treasury Consulting LLP

Treasury Consulting LLP is a Multi-Disciplinary Consulting firm incorporated in India. Sitting today Company is having Multiple Revenue Streams like Technical Trainings, Corporate Trainings, Publications Desk, Knowledge Commerce (K Commerce), Foreign Exchange (FX) Consulting Desk, Analytics Desk, Governance Risk & Compliance (GRC) Desk, Virtual CFO Services , Treasury Consulting **Merchandise Store**, Treasury Consulting **Asia Frauds Chapter**, Treasury Consulting Club – “ **The Mavericks** ” and respective revenue streams.

Currently acting as a Chief Executive Officer (CEO) of Treasury Consulting LLP. At the same time also acting as a Country Director (India Region) - International Institute of Certified Forensics Investigations Professionals, Inc. (*IICFIP – NY Headquartered*), Association of Certified Accounting Professionals (*ACFAP- Dubai Headquartered*). Editor In Chief – “The Maverick Treasurer”, “The Fraudster”

Treasury Consulting LLP Markets: - Today we are serving clients across the Globe whereby we are covering the following markets.



Treasury Consulting LLP covering markets like United States, European Financial Markets (*London, Luxembourg, Frankfurt*), Singapore, Malaysia, Thailand, Australia & New Zealand Markets (ANZ), Japan, Asian Financial Markets , Dubai, Bahrain, Saudi, Iran and Open Region.

Part B: - Horizon of Trainings Programs for respective forums at Global level

The following are the **Trainings Programs offered by Treasury Consulting LLP** across the Globe whereby covering United States , European Financial Markets , British Markets , Asia Pacific Region, Australia & New Zealand (ANZ) , OPEC Region , Philippines and African Markets.

Financial Markets Trainings

GRC , Information Technology (IT) Trainings

ACCA Trainings - Skills , Professional Level Trainings

Analytics Trainings

Working Capital Risk Management Trainings

Treasury Management Systems (TMS) Trainings

CFO Trainings

Business Valuation Trainings

Accounting Standards Trainings

Executive Trainings

Leadership Trainings

Fixed Income Markets

Plain Vanilla Derivatives

Exotic Derivatives

¥ Financial Markets Trainings:

- Foreign Exchange & Derivatives Strategies – Beginner Series
- Foreign Exchange & Derivatives Strategies – Advanced Series
- Treasury Risk Management – Beginner Series
- Treasury Risk Management – Advanced Series
- Currencies Derivatives – Advanced Series
- Interest Rates Derivatives (IRS) – Advanced Series
- Technical Analysis – Beginner Series
- Technical Analysis – Advanced Series
- International Traders Technical Analysis
- Fixed Income Markets – Beginner Series **
- Fixed Income Markets – Advanced Series **
- Fixed Income Markets – International Advanced Series **

**** Fixed Income Markets Courses covering Offshore Treasury Centres like Singapore , New York , Australia (Sydney , Melbourne) , Japan (Tokyo) , European Union (London , Luxembourg , Frankfurt) , British Financial Markets, Dubai , China (Shanghai) , Hong Kong , Philippines and respective Offshore Treasury Centres.**

¥ Governance Risk & Compliance, Information Technology (IT) Trainings:

- ❖ Governance Risk & Compliance (GRC) – ERM, SOX, COSO
- ❖ Information Technology (IT) Audits
- ❖ Bank Frauds & Forensics Accounting – 1 D , 2 D Programs
- ❖ Data Analytics & ISO Risk Management Strategies
- ❖ Cyber Security Framework – NIST
- ❖ COBIT Trainings

**** ERM – Enterprise Risk Management.**

**** IT Audits covering SOX 404, COSO, COBIT, NIST, Cyber Security, SOC Reporting, Webtrust, Systrust, Attestation Standards , ITIL, ANZ DB**

¥ ACCA Trainings – Skills & Professional Level:

¥ ACCA Skills Level:

- F1- Accountant in Business
- F2- Management Accounting
- F3 – Financial Accounting
- F4 – Corporate & Business Law
- F5 – Performance Management
- F7 – Financial Reporting
- F8 – Audits & Assurance
- F9 – Financial Management

Treasury Consulting LLP do provides Corporate Trainings as well which are designed as per requirement of Corporate.

Sitting today Company do serve many Corporates Trainings covering wide range of topics.



Calypso (TMS) – Credit Valuation Adjustment (CVA)

❖ **ACCA Professional Level:**

- ❖ P1 – Governance Risk & Ethics
- ❖ P3 – Business Analysis
- ❖ P4 – Advanced Financial Management
- ❖ P5 – Advanced Performance Management
- ❖ P7 – Advanced Audits & Assurance

**** ACCA Trainings is done using BPP, BPP Revision Kit and Mock Exams**

❖ **Analytics Trainings:**

- Financial Analytics
- Cash Flow Analytics
- Risk Based Modelling Analytics
- Basel III Analytics
- Treasury Analytics
- Cost Analytics (Linear Programming Analytics)
- Operational Analytics
- Anti-Money Laundering (AML) Analytics
- Business Analytics
- Data Analytics

**** Analytics Trainings are performed using Analytics Softwares Like ACL, IDEA, SPSS, Minitab, E Serve and respective**

❖ **Treasury Management Systems (TMS) Trainings:**

- ❖ Murex Treasury Management Systems (TMS)
- ❖ Calypso Treasury Management Systems (TMS)
- ❖ Oracle Treasury
- ❖ SAP Treasury
- ❖ G Treasury

❖ **Working Capital Risk Management:**

- Working Capital Risk Management
- Capital Restructuring

❖ **CFO Trainings:**

- ❖ CFO Analytics
- ❖ Accounting Risk & Assurance
- ❖ Reporting of Financial Derivatives
- ❖ Financial & Business Accounting

Treasury Consulting LLP do provides Corporate Trainings as well which are designed as per requirement of Corporate.

Sitting today Company do serve many Corporates Trainings covering wide range of topics.



❖ Business Valuation Trainings:

- Business Valuation
- Purchase Consideration
- Acquisition Accounting
- Contingent Consideration
- Goodwill Valuation
- Earnout Valuation

❖ Accounting Standards Trainings:

- ❖ International Financial Reporting Standards (IFRS)
- ❖ US GAAP
- ❖ IND-AS
- ❖ Indian GAAP

Part C – Objective of the Course – Calypso (TMS) – Credit Valuation Adjustment (CVA)

Objective of the Course: Completeness, accuracy and timeliness are the three tenets of robust transaction management - and it is in trading systems such as Murex , Calypso that they must be unambiguously evident. From deal capture and position management through to transaction processing and settlement, these solutions serve as systems of record and channels of mission critical data to multiple downstream processes.

As a result their accuracy and reliability are paramount; configurations must be accurate, interfaces robust and static data complete. Not only must they be stable, however, they must also be agile enough to incorporate new functionality demanded by market developments and regulatory requirements. Implementing and maintaining systems to these high standards requires knowledge, process and pedigree. Treasury Consulting LLP provides 100% Practical Trainings covering all aspects of Murex , Calypso.

❖ Targetted Audience :

- Chief Executive Officers (CEO)
- Chief Financial Officers (CFO)
- Corporate Treasurers
- Corporate Controllers
- Accounting Heads
- Treasury Teams
- Bankers
- Front Desk Traders
- Business Analysts
- Front End Developers
- Proprietary Traders
- Chartered Accountants (CA)
- Cost Accountants
- Master in Business Administration (MBA)



Part D - Course Content – Calypso (TMS) – Credit Valuation Adjustment (CVA)**❖ Session I: Introduction to Treasury Management Systems (TMS)**

- Introduction to Treasury Management Systems (TMS)
- Growing role of TMS in Capital Markets
- Three Pillars of TMS – Front Office, Middle Office, Back Office
- Growing Relevance of Risk Management Office (RO) @ Calypso TMS

❖ Session II : Introduction of Calypso Architecture

- Calypso Architecture – Version 14
- Calypso (Ver 14) - Front End Architecture
- Calypso (Ver 14) – Middle End Architecture
- Calypso (Ver 14) – Back End Architecture
- Assets Classes in Calypso

Front End – Front End assuming Bank Treasury , Corporate Treasury, Fixed Income Desk Treasury

Middle End – Front End assuming Bank Treasury , Corporate Treasury, Fixed Income Desk Treasury

Back End – Front End assuming Bank Treasury , Corporate Treasury, Fixed Income Desk Treasury

❖ Session III : Trade , Settlement - Life Cycle Management

- Trade Life Cycle Management (TLCM)
- Settlement Life Cycle Management (SLCM)
- Market Operations in Calypso
- Trade Validation Procedures in Calypso

❖ Session IV : Credit Valuation Adjustment (CVA)

- As a Concept
 - Credit Valuation Adjustment (CVA) @ Calypso
 - Debit Valuation Adjustment (DVA) @ Calypso
 - Bilateral Valuation Adjustment (BVA) @ Calypso
 - Counterparty Credit Risk (CCR) @ Calypso
- Pricing Sheet
- Trade Blotter

Selection of Derivatives Objects by Participant :-

Delivarable Derivatives Objects:

- Forwards Contracts – Plain Vanilla , Exotic
- Exporters Options Payoffs
 - Range Forwards
 - Seagull
 - Bull Put Spreads
 - Bear Put Spreads
 - Ratio Spreads
 - Ratio Back Spreads
 - Digital Spreads
 - Knock In Knock Out (KIKO)
 - Vertical Spreads
 - Calender Spreads

Calypso (TMS) – Credit Valuation Adjustment (CVA)

Treasury Consulting LLP – An Asia Pacific Product, Consulting, Analytics Firm

- Diagonal Spreads
- Importers Options Payoffs
 - Range Forwards
 - Seagull
 - Bull Put Spreads
 - Bear Put Spreads
 - Ratio Spreads
 - Ratio Back Spreads
 - Digital Spreads
 - Knock In Knock Out (KIKO)
 - Vertical Spreads
 - Calender Spreads
 - Diagonal Spreads
- Interest Rates Derivatives
 - \$ Swaps
 - Reverse \$ Swaps
 - Libor Swaps
 - Basis Swaps
 - Amortization Swaps
 - Accreting Swaps
 - Total Return Swaps (TRS)
 - Assets Swaps (AS)
 - Quanto Swaps
- Exotic Derivatives
- Structured Derivatives
- ❖ **Course Coverage** : Course to get covered using Webinars , Skype Conference Calls , Audio , Video Calls. Sessions are highly interactive and participants are most welcome to ask any questions during the Course.
- ❖ **Course Duration** : Course duration is 10 Hrs + 1 Hrs of Complimentary Skype Call which to be taken within 3 Months of completion of the Course. Pls note that 10 Hrs Course is not including any of the Derivatives Contracts as Participants needs to choose amongst Derivatives Contracts which are having respective charges.
- ❖ **Course Material**
 - Course Presentations – 100% interactive, Screenshots , Examples
 - International Bank Research Reports
 - Live Corporate Case Studies
 - Excel Solvers

Course is 100% Practical , Software Oriented in nature. We would be doing the Course using Course Presentation , International Bank Research Reports , Live Corporate Case Studies , Excel Solvers , Live Financial Terminals – Thomson Reuters, Bloomberg, MT4 (Meta Trader 4)



Part E : Trainers Profile

Rahul Magan served as an Ex Group Corporate Treasurer of United States , India based Information Technology (ITES) , Information Technology (IT) Companies like EXL Service Holdings, Inc. (*NASDAQ Listed*) , HCL Technologies Limited (*4th Largest IT Exporter*) respectively. As a Group Corporate Treasurer handled key Treasury Desks like Treasury Front Office Desk, Treasury Middle Office Desk, Treasury CFO Desk and Treasury Research Desk.

Rahul served as a Corporate Treasurer for 10 Years.

Role Played as a Group Corporate Treasurer of EXL Service Holdings, Inc.

- ❖ Onshore & Offshore Treasury Risk Management
- ❖ Foreign Exchange Hedging
 - ¥ Cash Flow Hedging
 - ¥ Fair Value Hedging / Balance Sheet Hedging
 - ¥ Net Investment Hedging
- ❖ Foreign Exchange Risk Management
- ❖ Derivatives Trading, Currency Trading (Exchange Traded Markets)
- ❖ Interest Rate Swaps (IRS)
- ❖ Fixed Income Markets (Money Markets, Debt Markets, Capital Markets)
- ❖ Treasury Wealth Management (All Assets Classes in Financial Markets)
- ❖ Trade Finance (Domestic , International , Digital Trade Finance)
- ❖ Treasury Accounting (IFRS, US GaaP, IAS, Indian GaaP, IND-AS)
- ❖ Derivatives Hedge Accounting
- ❖ Treasury Management Systems (TMS) – SAP Treasury , Oracle Treasury
- ❖ Global Cash Management (Cash Flow Forecasting, Cash Reporting's)
- ❖ Management Reporting's (CEO Deck, CFO Deck , Investor Deck , Board Deck)

Sitting today he is having his own firm – **Treasury Consulting LLP**. Treasury Consulting LLP is a Multi-Disciplinary Consulting firm incorporated in India. Sitting today Company is having Multiple Revenue Streams like Technical Trainings, Corporate Trainings, Publications Desk, Knowledge Commerce (K Commerce), Foreign Exchange (FX) Consulting Desk, Analytics Desk, Governance Risk & Compliance (GRC) Desk, Virtual CFO Services , Treasury Consulting **Merchandise Store**, Treasury Consulting **Asia Frauds Chapter**, Treasury Consulting Club – “ **The Mavericks** “ and respective revenue streams.

Role as a Country Director : Rahul do acts a Country Director (India Region) covering 2 International Forensics Forums like International Institute of Certified Forensics Investigations Professionals, Inc. (*NY Headquartered – NY*), Association of Forensic Accounting Professionals (*Dubai Headquartered – ACFAP*)

Globally recognised Faculty, Trainer, and Mentor covering variety of Trainings Programs for respected forums at Global level

- Institute of Chartered Accountants of India (ICAI)
- Institute of Cost Accountants of India (ICMAI)
- Institute of Company Secretaries of India (ICSI)
- Bloom Asia
- Fleming Gulf
- Confederation Of Indian Industries (CII)



Calypso (TMS) – Credit Valuation Adjustment (CVA)

- Reserve Bank of India (RBI)
- NIBSCOM
- Singapore Management University (SMU)
- University of Delhi (DU)
- Malaysian Institute of Accountants (MIA)
- Association of Certified Frauds Examiners (ACFE)
 - ACFE India Chapter
 - ACFE Mauritius Chapter
 - ACFE United States Chapter
- Fintech Associations
- Jaipuria Institute of Management
- Indian Corporates
- Edu Pristine
- Asia Pacific Corporates
- Non-Banking Financial Corporations (NBFC)
- International Forensics Forums
- Consulting Companies
- Chartered Accountants Firms
- Multinational Corporations (MNC)

Globally recognised Speaker covering conferences, Seminars, Workshops, Debates, Extempore covering variety of topics at Global level

- ❖ **Euro Finance** (*British*)
- ❖ **Euro Money** (*British, US & Asia*)
- ❖ **Singapore Management University** (*SMU, Singapore*)
- ❖ **Tudor – Luxembourg** (*Luxembourg*)
- ❖ **GUN Academy** (*British based Research firm*)
- ❖ **Gallant Capital Financial Markets** (*United States*)
- ❖ **ASSOCHAM** (*India Premier Investor & Corporate Forum*)
- ❖ **Asian Banking & Finance** (*Singapore*)
- ❖ **Indian Business Schools**
- ❖ **Copenhagen Compliance, GRC** (*European Union, Denmark*)
- ❖ **ICFAI Business School** (*IBS, Hyderabad*)
- ❖ **The Association of Corporate Treasurers** (*ACT, London*)
- ❖ **Indian School of Business Hyderabad**
- ❖ **Bombay Stock Exchange**
- ❖ **Treasury Today Asia** (*Asia largest circulated Treasury Magazine*)
- ❖ **Treasury Peer Network**
- ❖ **Confederation of Indian Industries** (*CII*)
- ❖ **CFO India** (*India leading Treasury & CFO forum*)
- ❖ **Asia Treasury Community** (*ATC*) (*Asia largest Treasury & CFO Forum*)
- ❖ **FX Week Asia** (*Asia leading FX Magazine*)
- ❖ **FX Invest Asia** (*Hong Kong based FX Forum*)
- ❖ **Trade Tech FX** (*United Kingdom based FX Forum*)
- ❖ **FX Week** (*Hong Kong*)
- ❖ **Infollion Research** (*Business Research & Consulting Firm, India*)
- ❖ **Corporate Treasurer** (*Hong Kong leading Treasury Magazine*)



Awards, Citations, Recognitions received from respective International Institutions across the Globe (To name a few)

The following are the Awards, Citations, Global recognitions received by me, Treasury Consulting LLP till now.

- ✿ Treasury Consulting LLP nominated by IE 20 which is Emerging India Awards. Under this profile of Treasury Consulting LLP would present before British Mayor + Jury during June 2017.
- ✿ Treasury Consulting LLP is nominated for Corporate Information Technology Awards under Analytics Category.
- ✿ Treasury Consulting LLP is nominated for Livemint Emtech Awards under Innovation Category.
- ✿ Wrote several Articles for Institute of Cost Accountants of India. Examples-IND-AS, Libor & Impact on Chinese Yuan. The same got publish in their WIRC Journal.
- ✿ Regular Speaker at Euro Finance Annual Singapore Conference, Asia Pacific Conferences.
- ✿ Awarded amongst Top 20 Corporate Treasurers by CFO India Institute during Year 2014 (Amongst sample Size 1000 Corporate Treasurers in India)
- ✿ Co Authored of my maiden book - "**Options for Risk Free Portfolio**" Published in New York by McLaren Palgrave in Year 2013
- ✿ Upcoming book titled - "**Techniques to Hedge your Interest Rate Exposures**" scheduled in Australia / Singapore by June'17
- ✿ Interview by Treasury Today Asia (Asia Largest Treasury Magazine) covering my entire Career as a Corporate Treasurer , Life as Corporate Treasurer , Role as a Corporate Treasurer , My Brand - "**Foreign Exchange Maverick Thinkers**" and spread of our Brand.
- ✿ Treasury Trainer / Faculty for prominent forums at Global Level
- ✿ Founded my own Brand – "**Foreign Exchange Maverick Thinkers**" having strong presence on LinkedIn , LinkedIn FX Club , You Tube Channel , Daily Motion Channel , Derivatives Groups on WhatsApp , Telegram , Derivatives Academies on Facebook , Skype , Google Groups , Google Blogs , Google digital Library , XING. We do have strong presence on Crowd, Equity Funding platforms like Angel List, Crowd Funder, Rocket Hub, and Kick Starter. Today we are serving millions of people via our Brand.
- ✿ Treasury Trainer / Faculty for prominent forums at Global Level
- ✿ Invitation by Singapore Management University (SMU) to develop course content on "**Information Technology & Financial Markets**"
- ✿ Foreign Exchange Academies titled - "**Foreign Exchange Maverick Thinkers**" on LinkedIn (80 Million Global LinkedIn Networking, 4000 Global FX Members)
- ✿ 3 Times CFO Awards in EXL Service Holdings , Inc., 2 Times CFO Awards in HCL Technologies Limited
- ✿ Founded Monthly version of the Magazine titled - "**The Maverick Treasurer**". Magazine covering Treasury Mkts, Banking, Foreign Exchange and Derivatives Mkts. Magazine is getting published on best digital platforms like AMAZON, Magzter, Joomag, Pocketmags and Readwhere.
- ✿ Founded Monthly version of the Magazine titled – "**The Fraudster**" covering Frauds, Forensics, Analytics, Business Continuity Planning (BCP), Disaster Recovery , Internal Financial Controls (IFC) and respective. Magazine is getting published on best digital platforms like AMAZON, Magzter, Joomag, Pocketmags and Readwhere.



- ✿ Several Interviews during the period covering my Career, My Company " **Treasury Consulting LLP** ", Foreign Exchange Mkts, Derivatives Trading by respective International Institutions.

Written working papers, white papers, books for International forums (to name a few in the profile)

Editor In Chief – “The Maverick Treasurer “, “The Fraudster “: Treasury Consulting LLP is having dedicated Publication Desk which covers two Magazine – “ **The Maverick Treasurer**”, “ **The Fraudster**”

- ❖ **“The Maverick Treasurer “**:- Magazine is covering Banking, Foreign Exchange, Treasury, Derivatives Markets. Magazine is well available on best Digital Play stands like AMAZON, Joomag, Magzter, Readwhere, Pocketmags and respective platforms.
 - ❖ **“The Fraudster”**: - Magazine is covering Frauds, Forensics, Analytics, Business Continuity Planning, Disaster Recovery (DR), Platforms – SAAS, PAAS, Internal Financial Controls (IFC) and Companies Act 2013. Magazine is well available on best Digital Play stands like AMAZON, Joomag, Magzter, Readwhere, Pocketmags and respective platforms.
- Wrote a working paper titled ~” **Flaws with Black Scholes & Exotic Greeks** “. The same paper got presented in Singapore Management University (SMU) Annual Conference alongside various others International Seminars.
 - Co-authored maiden book ~ “**Options for Risk Free Portfolio** “covering all Options Strategies for Corporate Treasurers, Traders and Bankers. The same book published by Maclaren Palgrave in NY
 - Wrote several articles, Publications, Titles for respective Magazines, Banking sites and International bodies like ASSOCHAM.
 - Wrote multiple Technical Modules covering Foreign Exchange till Fixed Income Markets for ICAI, ICMAI and ICSI covering respective committees.
 - Currently writing new book titled “**Techniques to Hedge your Interest Rate Exposures**” which would cover all practical exposures regarding variety of techniques to hedge your Interest Rates Exposures in your Balance Sheet. The book is scheduled in Dec’17 in Australia, Singapore, and Dubai.



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