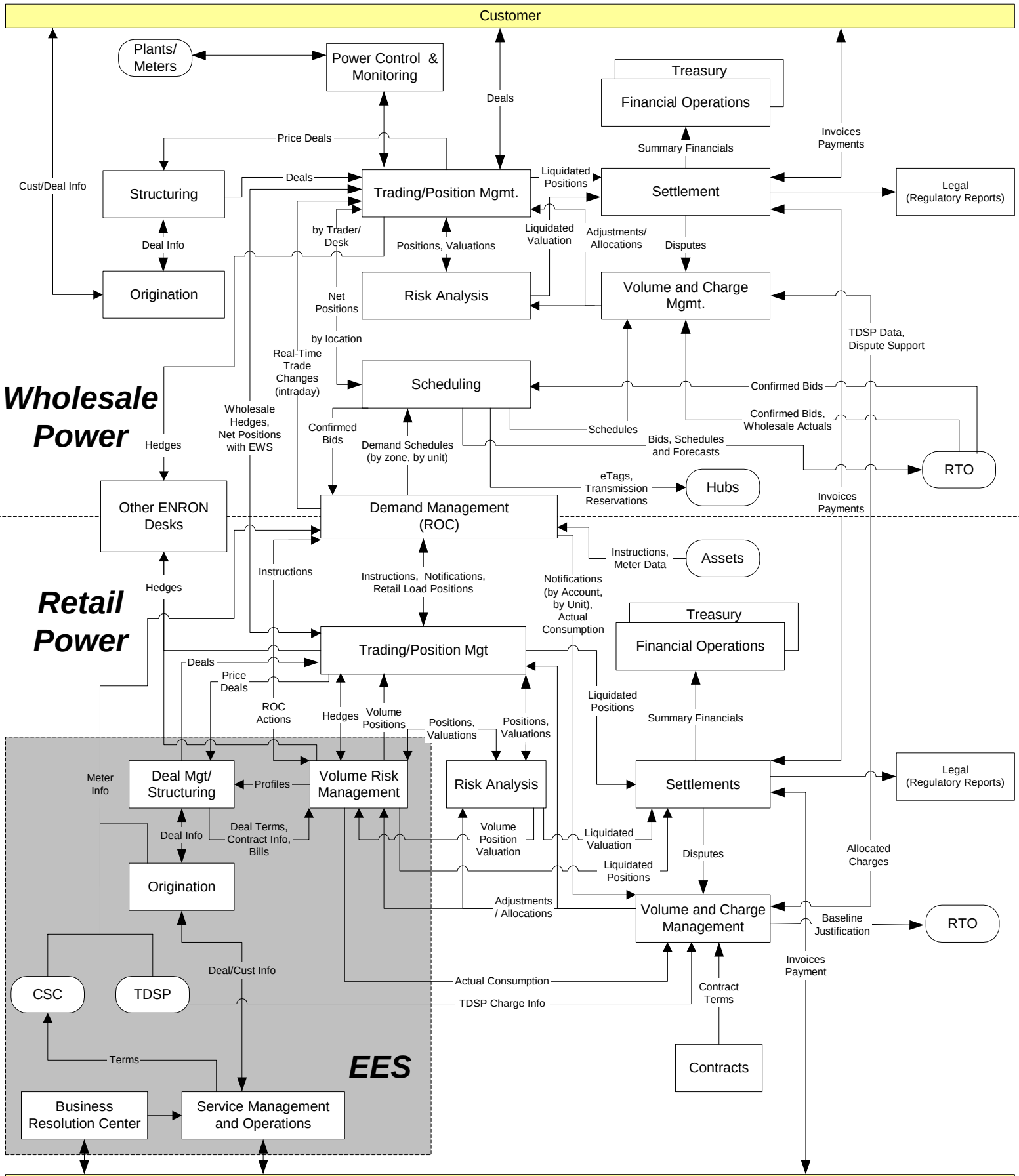
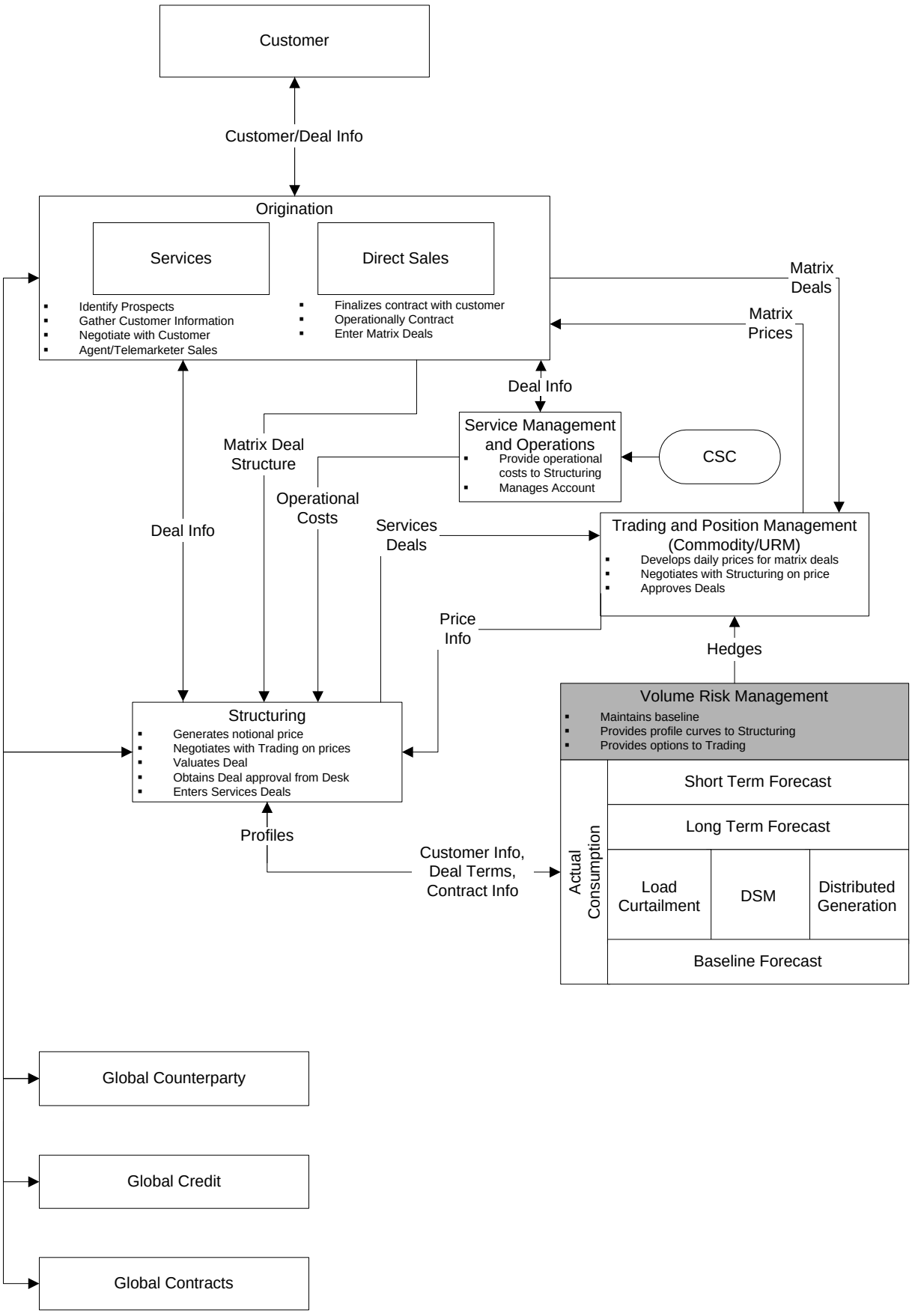
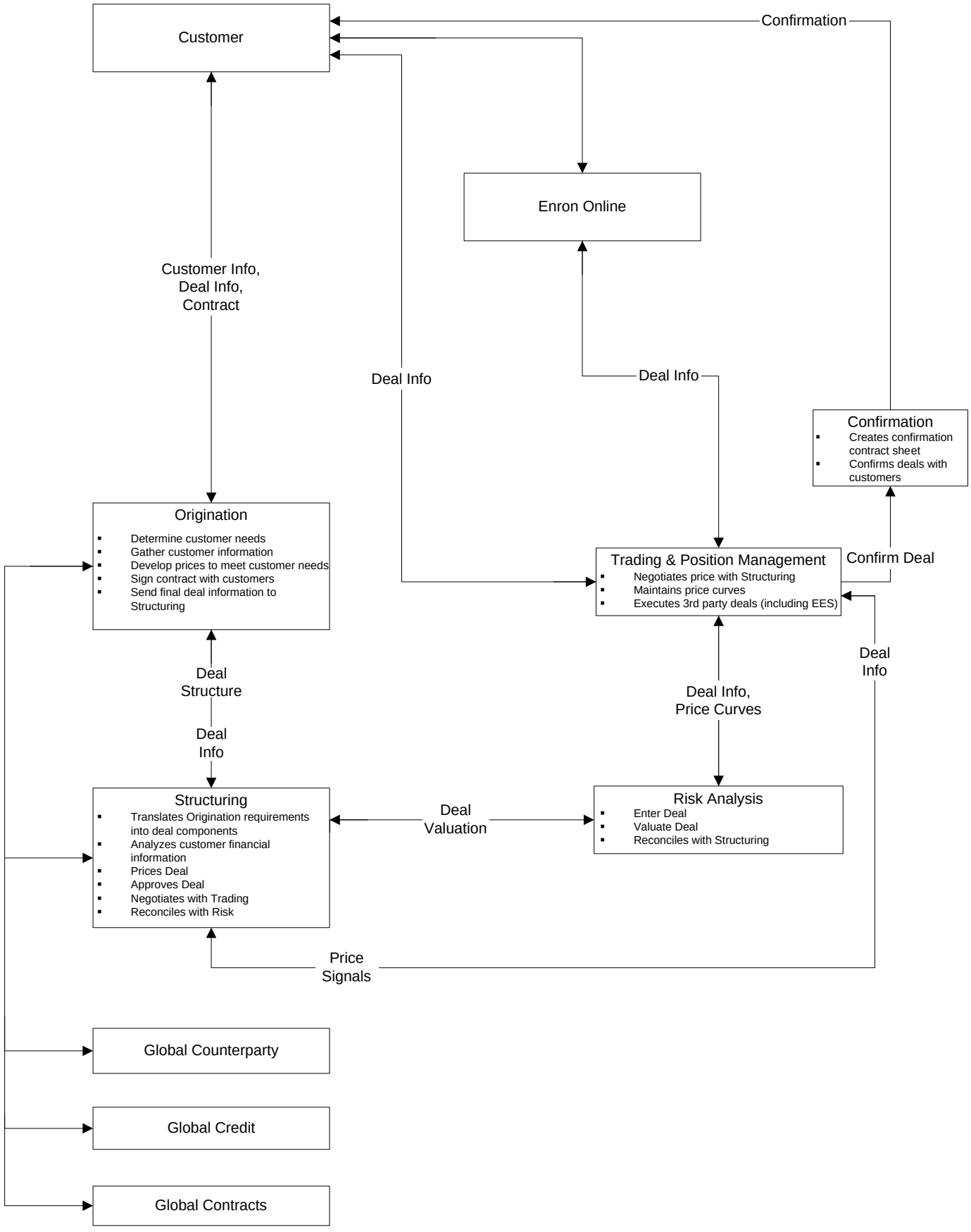
Summary Information Flow (Retail/Wholesale)



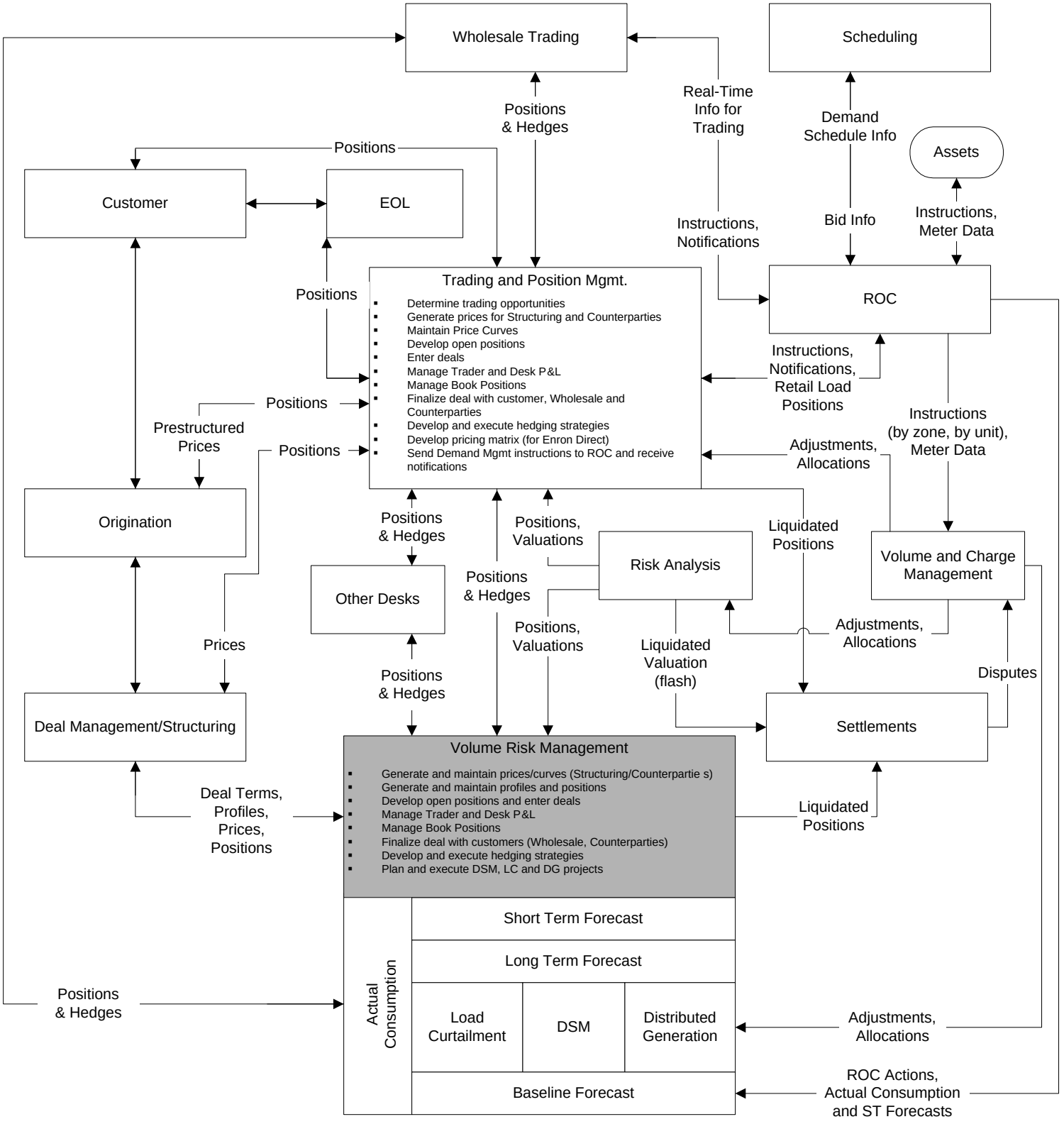
Origination & Structuring - Retail



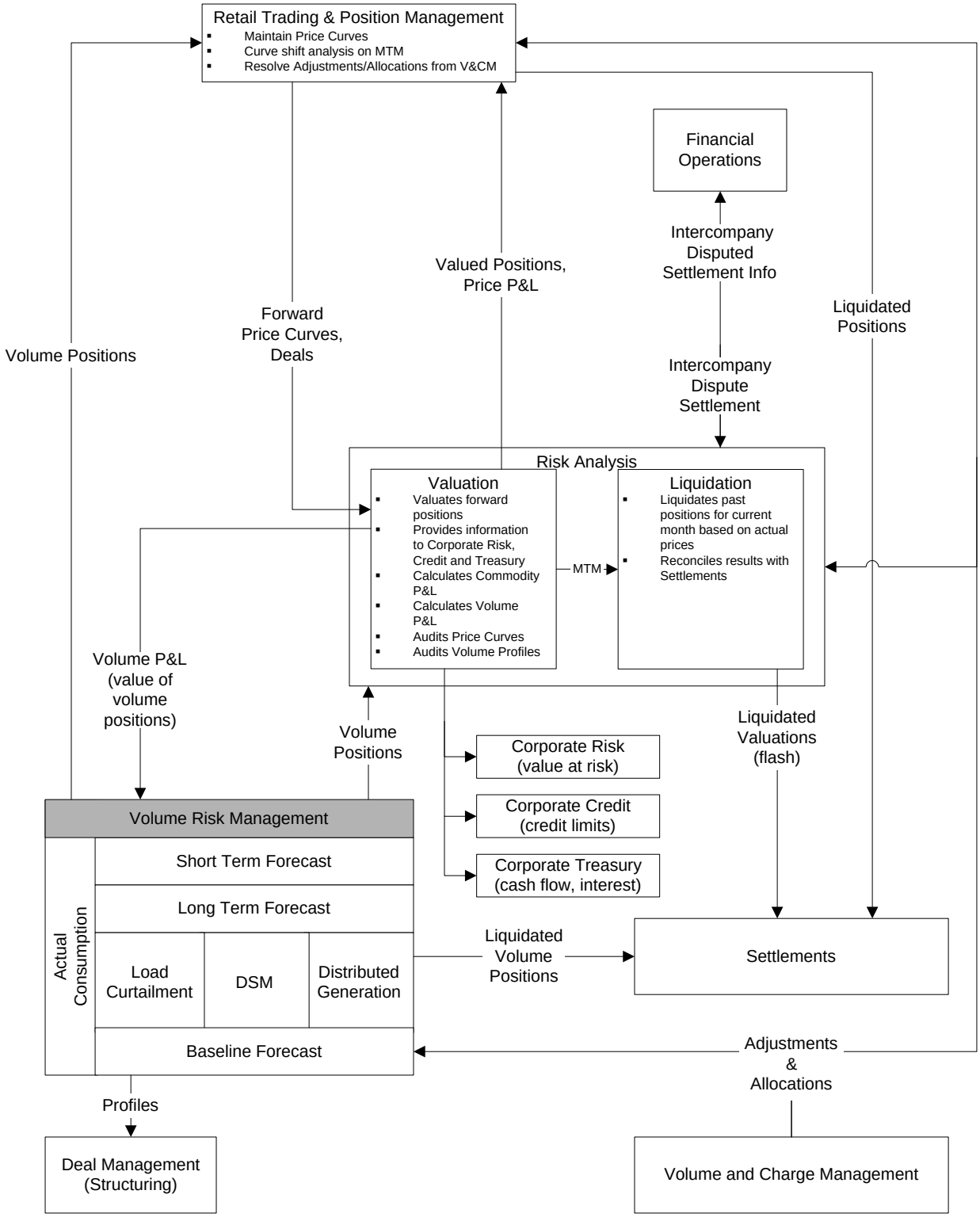
Origination & Structuring - Wholesale



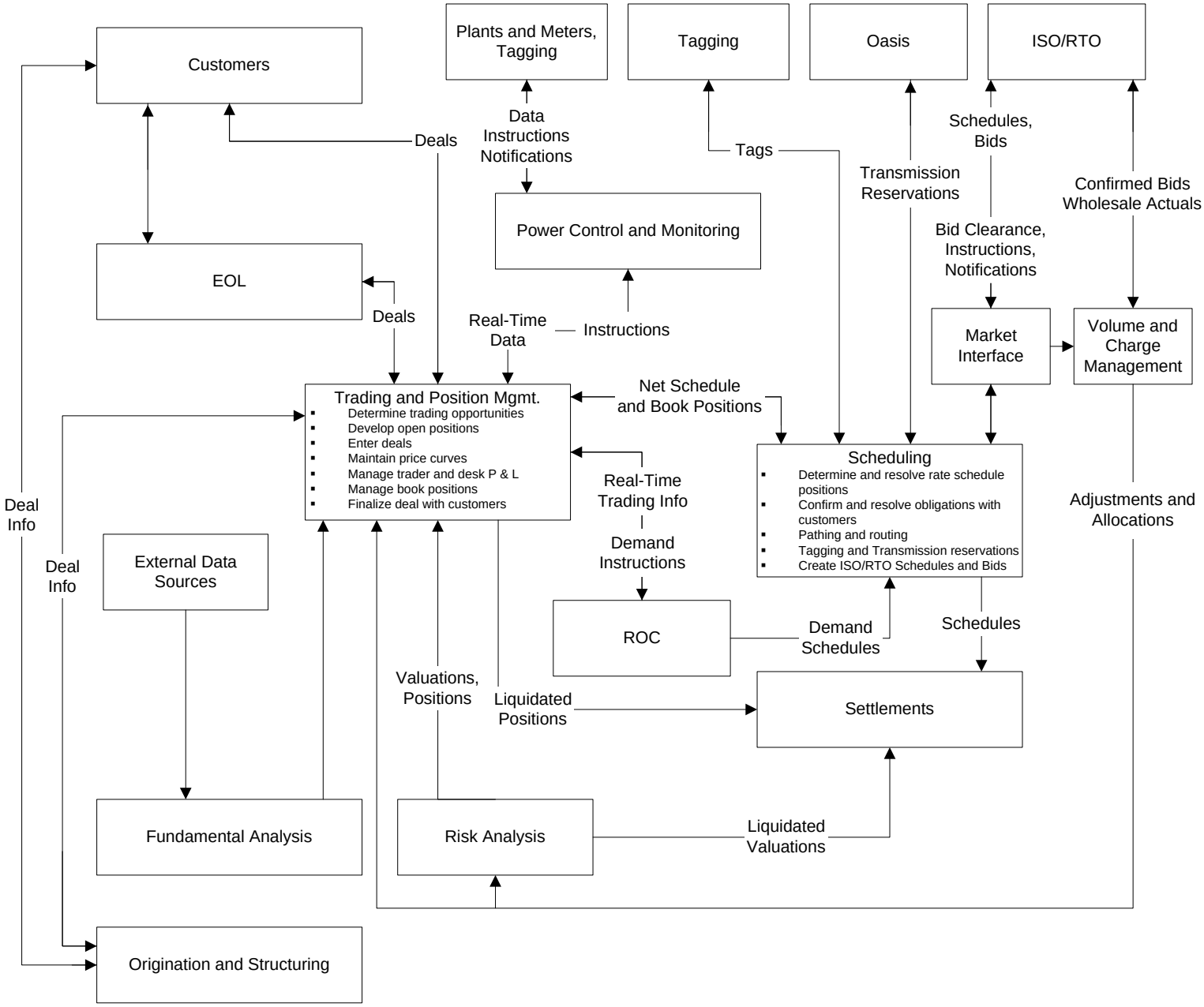
Trading & Scheduling - Retail



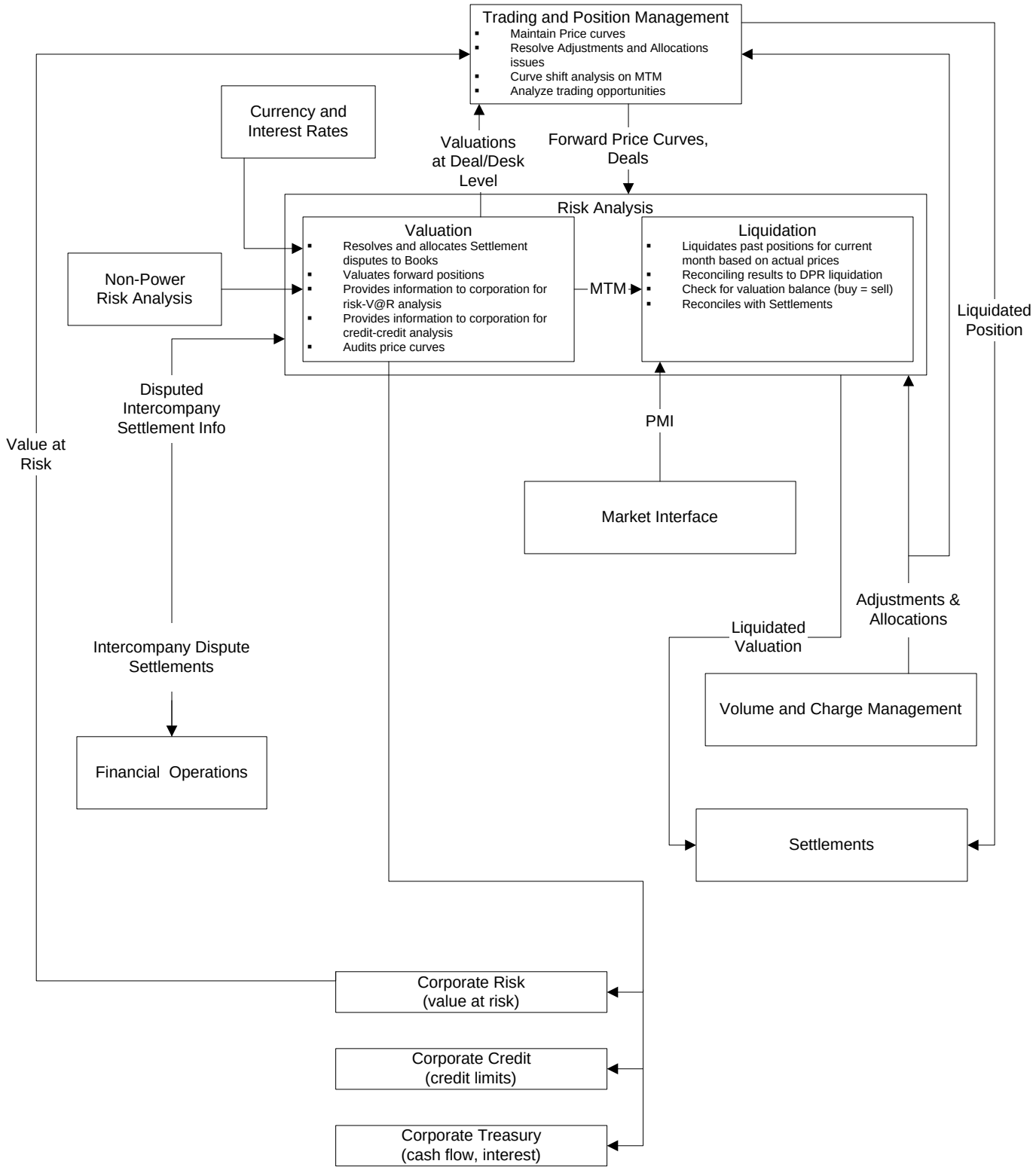
Risk - Retail


Retail Trading & Position Management
Maintain Price Curves
Curve shift analysis on MTM
Resolve Adjustments/Allocations from V&CM
Financial Operations
Intercompany Disputed Settlement Info
Valued Positions, Price P&L
Liquidated Positions
Volume Positions
Forward Price Curves, Deals
Intercompany Dispute Settlement
Risk Analysis
Valuation
Valuates forward positions
Provides information to Corporate Risk, Credit and Treasury
Calculates Commodity P&L
Calculates Volume P&L
Audits Price Curves
Audits Volume Profiles
MTM
Liquidation
Liquidates past positions for current month based on actual prices
Reconciles results with Settlements
Volume P&L (value of volume positions)
Volume Positions
Liquidated Valuations (flash)
Corporate Risk (value at risk)
Corporate Credit (credit limits)
Corporate Treasury (cash flow, interest)
Volume Risk Management
Short Term Forecast
Long Term Forecast
Actual Consumption
Load Curtailment
DSM
Distributed Generation
Liquidated Volume Positions
Settlements
Baseline Forecast
Adjustments & Allocations
Profiles
Deal Management (Structuring)
Volume and Charge Management

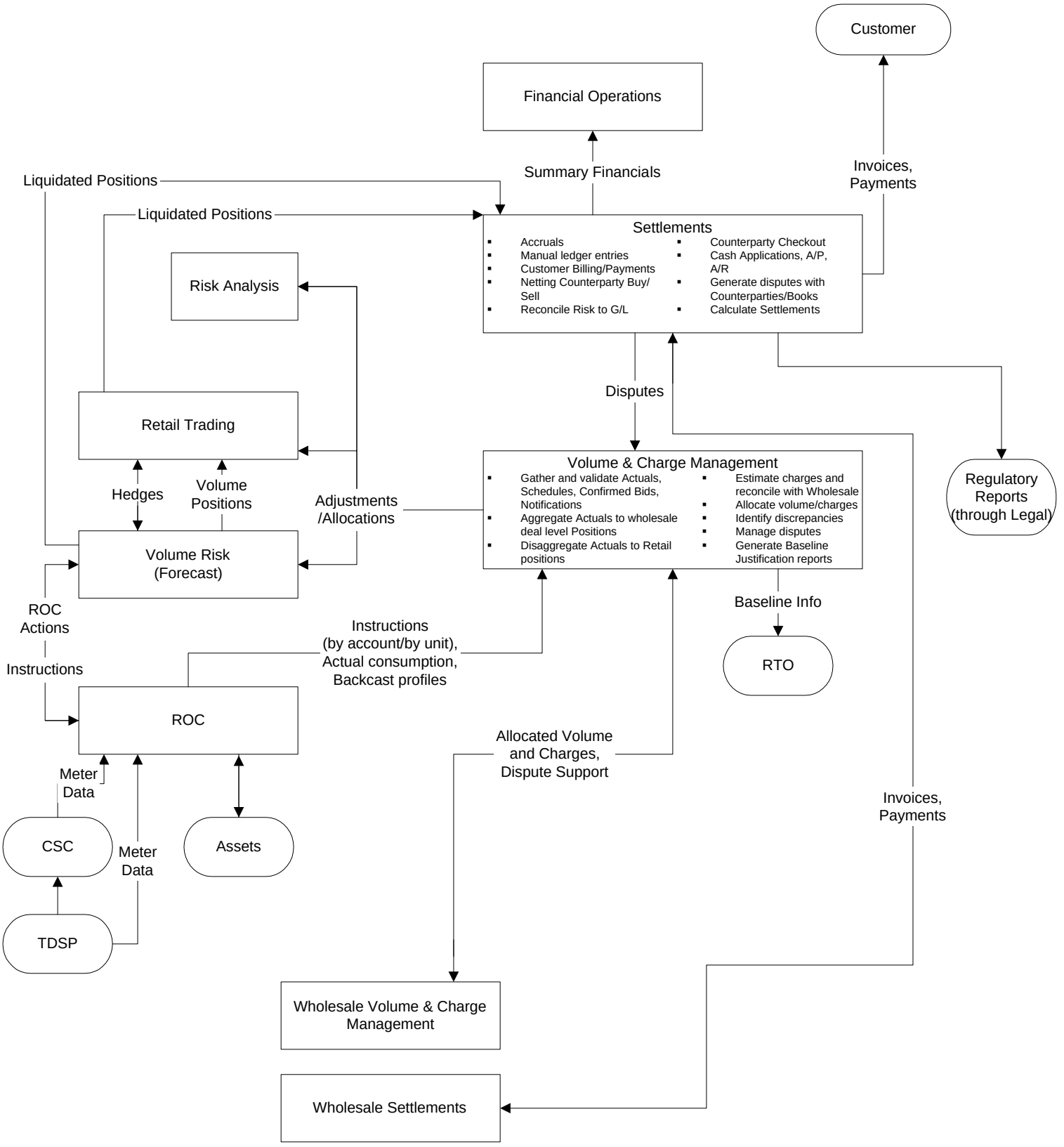
Trading & Scheduling - Wholesale



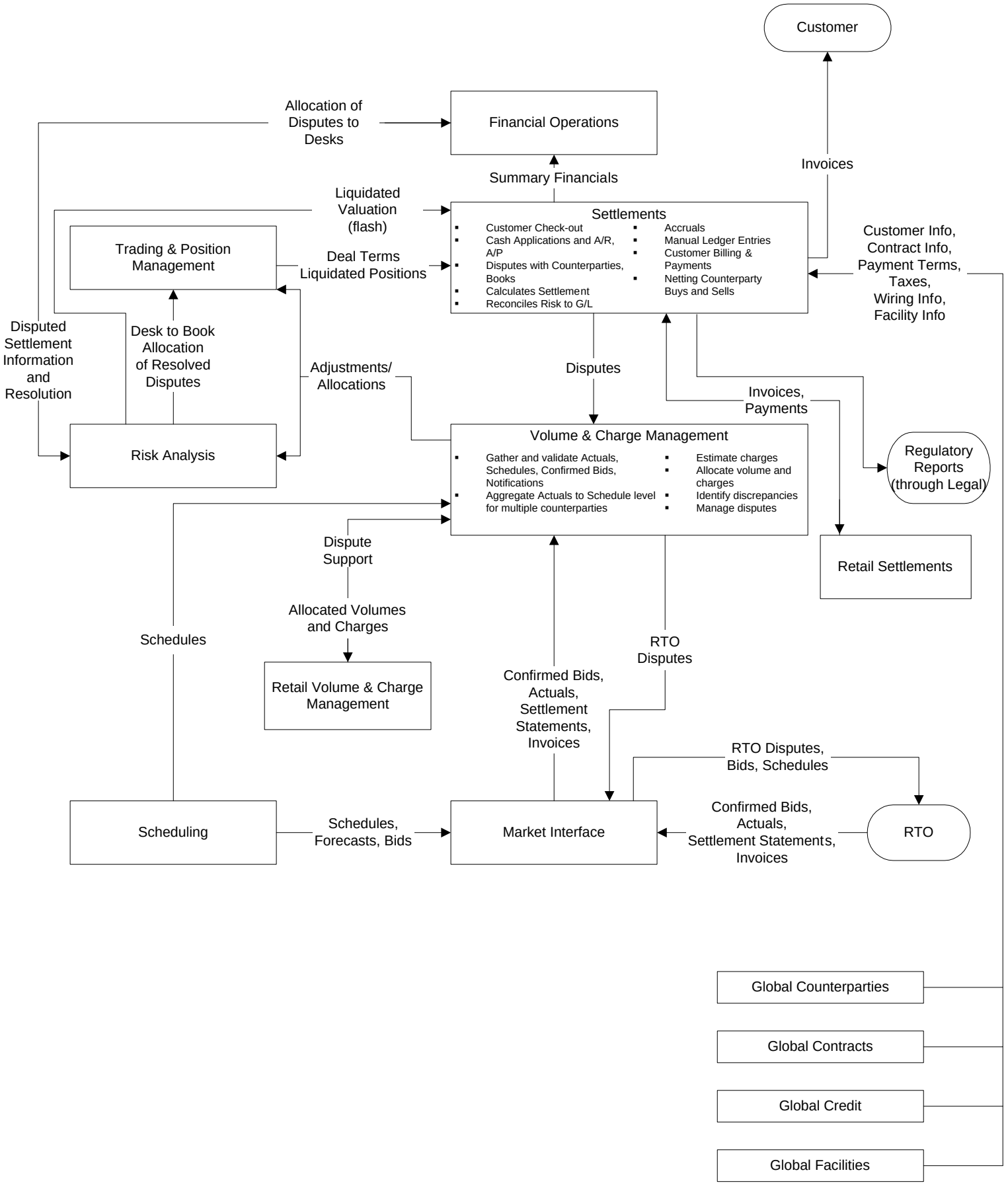
Risk - Wholesale



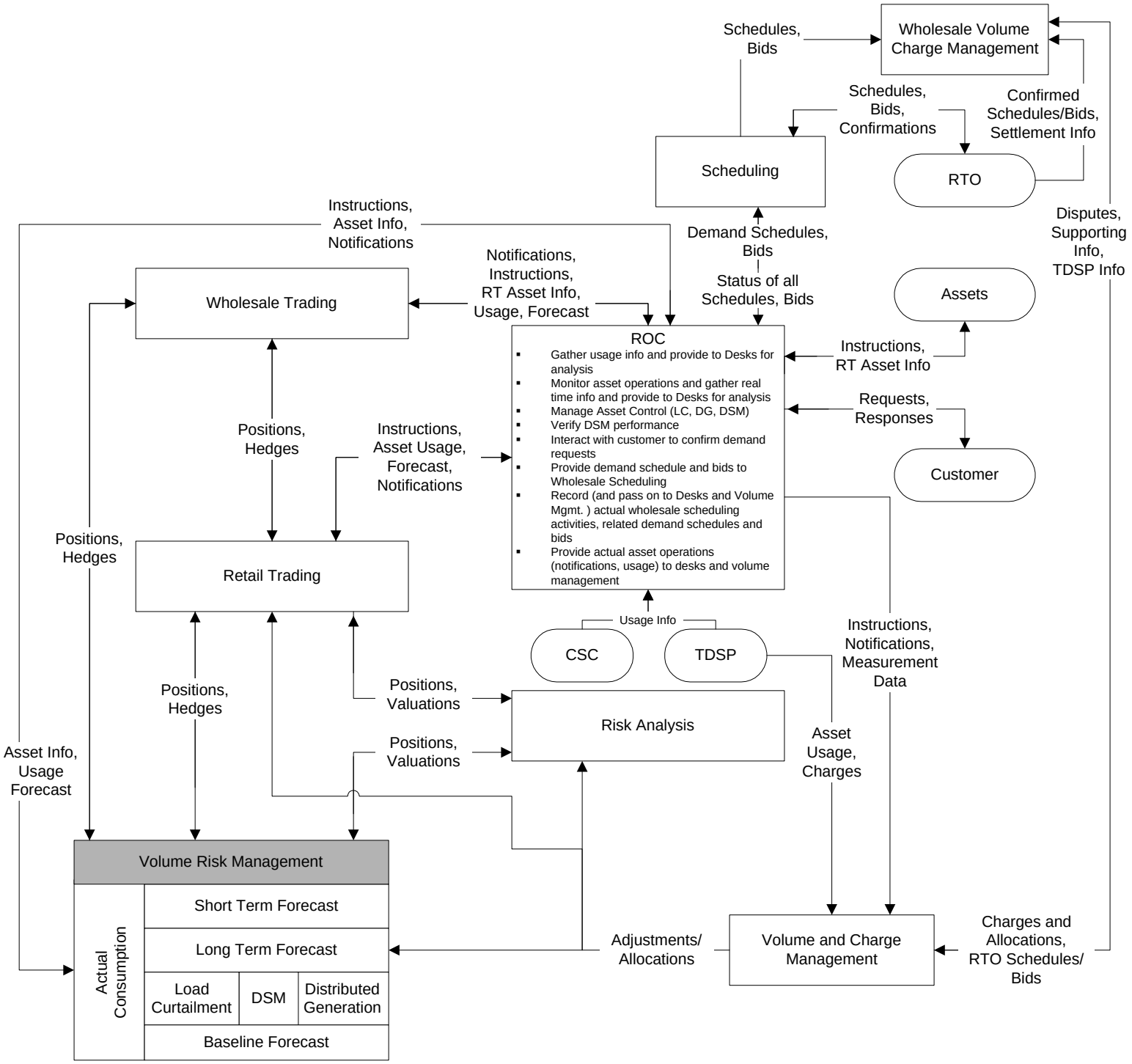
Volume Management & Settlements - Retail



Volume Management & Settlements - Wholesale



Asset Management - Retail



Book Positions and Settlement - Retail

Key:
Contracted Volume Position
Actual Volume
Vc = Volume Contracted, Va = Volume Actual, Pc = Price Contracted, Ps = Price Settled
Hedges using weather, coal, gas, power, oil, etc.

RETAIL

Site Profile	LC, DG, DSM	EES Trading	Actual	Comments
100	0	100	95	(Vc - Va) * (Pc - Ps) is used to settle volume differences between SP and Trading
100	0	95	95	EES Trading took volume position and site profile was inaccurate
100	0	95	100	EES Trading took volume position contrary to site profile and site profile was accurate
100	Va = -3 -5	-2 95	95	**Option 1**: Anticipated demand control confirmed to have occurred and site profile accurate - everyone whole from a volume perspective **Option 2**: Anticipated demand control did not occur and profile overestimated
100	Va = 0 -5	95	100	Anticipated demand change did not occur and site profile was accurate

WHOLESALE

Retail Counterparty	Generation Desk	EWS Trading	Actual	Comments
100	0	100	95	(Vc - Va) * (Pc - Ps) is used to settle volume differences between Retail Counterparty and EWS Trading
100	0	95	95	EWS takes volume position and Retail Counterparty forecast was greater than actual consumption
100	0	95	100	EWS takes volume position and Retail Counterparty forecast is accurate
100	Va = -3 -5	-2 95	95	**Option 1**: Anticipated generation and consumption are accurate - everyone whole **Option 2**: Generation was less than anticipated and actual consumption was greater than forecasted by Retail Counterparty
100	Va = 0 -5	95	100	Anticipated generation did not occur and Retail Counterparty forecast matched actual consumption