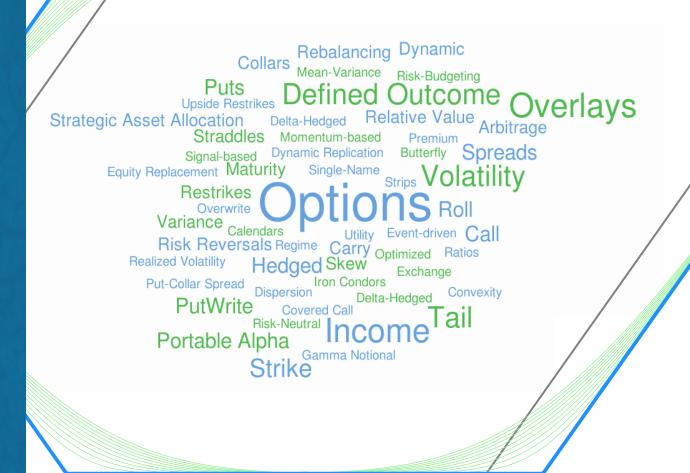


# A Taxonomy of Options Overlays

Dan Corcoran CEO, Volos

Global EQD 2021

Day 1, Tuesday May 26<sup>th</sup> 4:45pm





## PRIMARY OPTIONS STRATEGIES

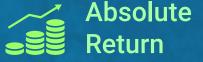


- ✓ Collars & Put-Collar Spreads
- ✓ Protective Puts & Put Strips
- ✓ Long Straddles
- ✓ Dynamic Tail Hedging
- ✓ Long Volatility Options
- ✓ Dynamic Replication



### Income

- ✓ Covered Calls (Overwrite)
- ✓ Short Puts (PutWrite)
- ✓ Bull/ Bear Spreads
- ✓ Butterfly Spreads
- ✓ Ratio Spreads
- ✓ Iron Condors



- ✓ Yield Enhancement
- ✓ Relative Value Volatility
- √ Volatility Arbitrage
- ✓ Event-Driven



### Volatility Risk Premia

- ✓ Delta-Hedged Short Straddles
- ✓ Risk Reversals (Volatility Skew)
- Calendar Spreads (Volatility Carry)
- ✓ Volatility Dispersion

### OPTIONS OVERLAY PARAMETERS



Strike Selection



**Maturity Selection** 



**Sizing** 

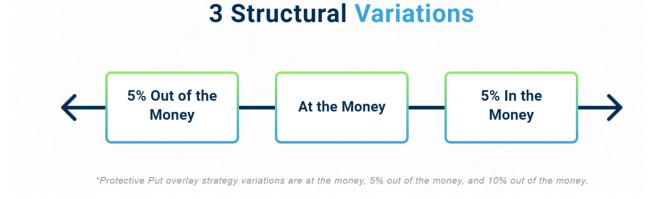


Hedging & Roll Management

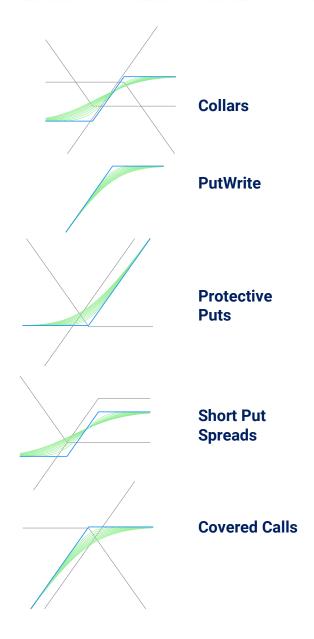
### THE VOLOS ETF OVERLAY INDEX FAMILY

120 foundational benchmarks on defined-outcome ETF options strategies.

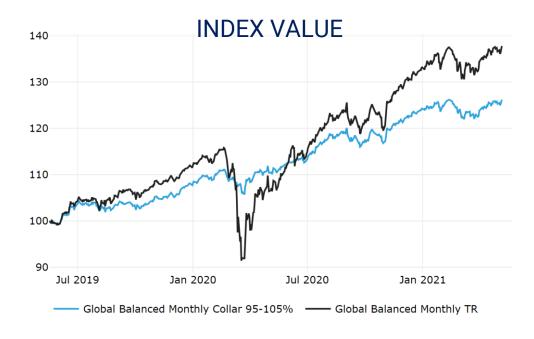




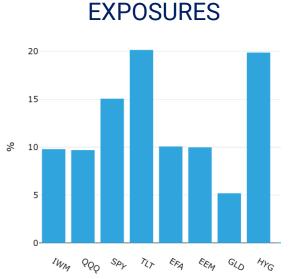
### **5 Popular Strategies**

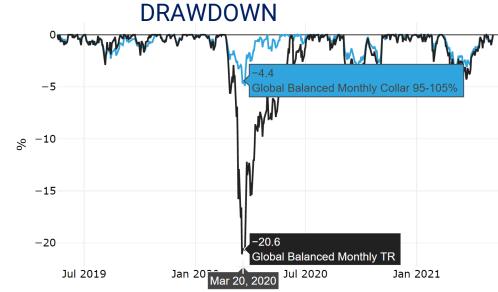


## OBJECTIVE #1 PROTECT GLOBAL PORTFOLIO FROM LARGE DRAWDOWNS



GLOBAL BALANCED MONTHLY COLLAR 95-105%

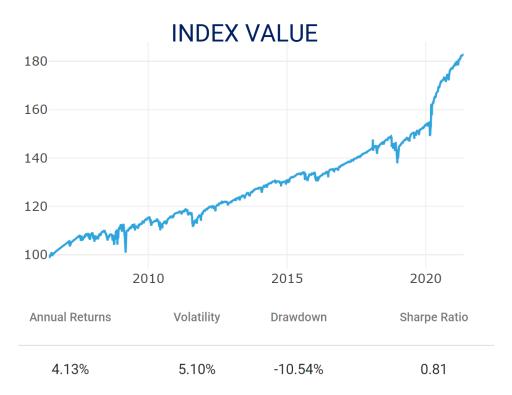




## OBJECTIVE #2 INVEST IN COST-EFFECTIVE EQUITY TAIL HEDGING

### SPX 1 MONTH SHORT PUT SPREAD 5-30 DELTA, LONG VIX 30 DELTA CALL

- VIX Roll Threshold of 300% Value
- 20.0% SPX Short Put Spread Premium Invested in VIX Calls



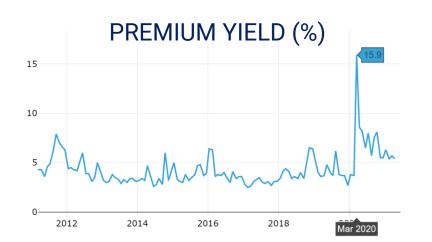
#### DIRECT INDEXING

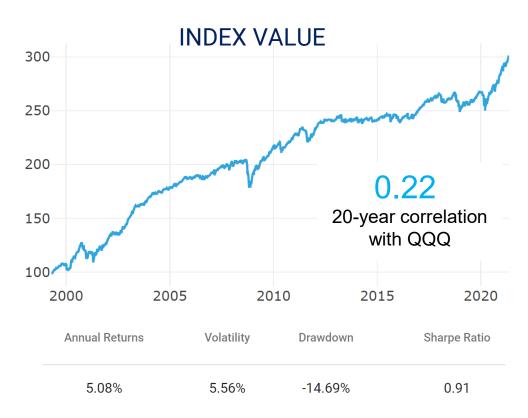
Ticker	Option Type	Quantity	Strike	Expiration
SPX	Put	242	3450	2021-06-18
SPX	Put	-242	3950	2021-06-18
VIX	Call	1891	35	2021-06-16
Target contracts for \$100,000,000 notional exposure				

### OBJECTIVE #3 DIVERSIFY PORTFOLIO THROUGH

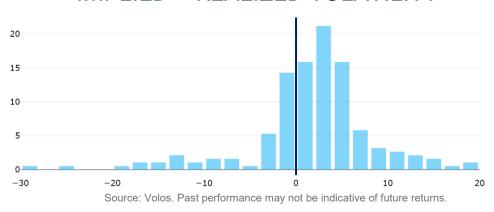
**UNCORRELATED STRATEGIES** 

### **QQQ: DELTA-HEDGED 1 MONTH STRADDLES**





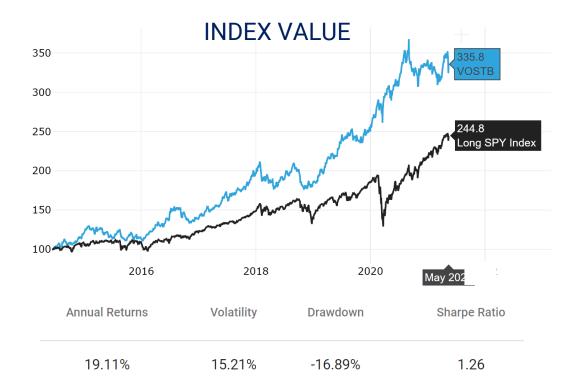
### IMPLIED - REALIZED VOLATILITY

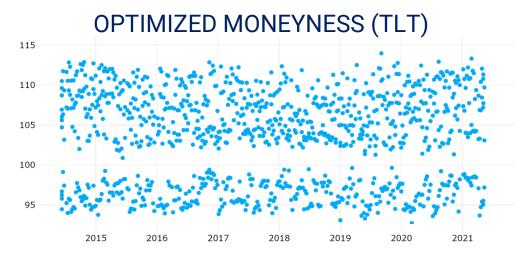


## OBJECTIVE #4 INVEST IN SYSTEMATIC ABSOLUTE RETURN STRATEGIES

### OPTIMIZED SPY & TLT BUTTERFLIES INDEX (VOSTB)

- Long OTM Put: (1x)
- Short ATM/ITM Put (-4x)
- Long ITM Put (3x)
- First 4 weekly maturities
- Strikes selected to maximize expected profit



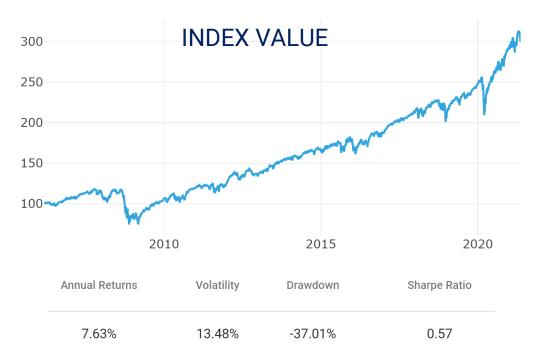


### **OBJECTIVE #5**

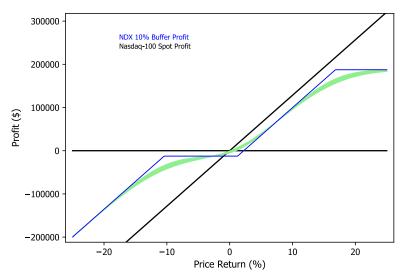
## BUFFER DOWNSIDE EQUITY RISK WITH ADJUSTABLE UPSIDE PARTICIPATION

### NASDAQ-100 DYNAMIC UPSIDE BUFFER

- Short 1-year, 10% OTM Put
- Long 1-year, ATM Call
- Short 1-year OTM Call, selected such net premium <1% of spot NDX</li>
- At the end of each month, if NDX is greater than the upper call strike, all strikes reset.



### **DEFINED OUTCOME: PAYOFF AT EXPIRY**

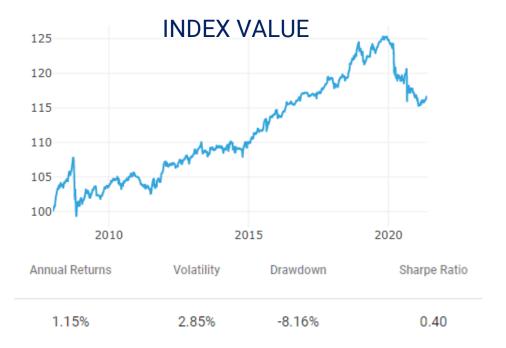


### **OBJECTIVE #6**

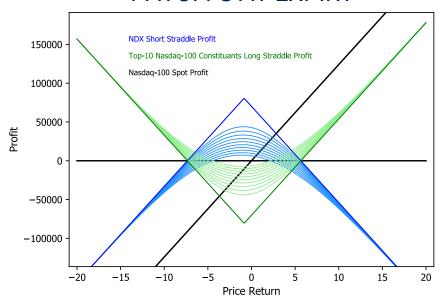
## UTILIZE TRADABLE BENCHMARKS FOR VOLATILITY DISPERSION EXPOSURE

### **NASDAQ-100 DISPERSION**

- Short NDX straddles
- Long top-10 NDX constituent straddles
- 3-month maturity, rolled monthly
- Premium neutral
- Index weighted vs. vega neutral weighted



#### **PAYOFFS AT EXPIRY**



VOLOS & NASDAQ PARTNER
TO DELIVER NASDAQ-100 OPTIONS
STRATEGIES AND SOFTWARE

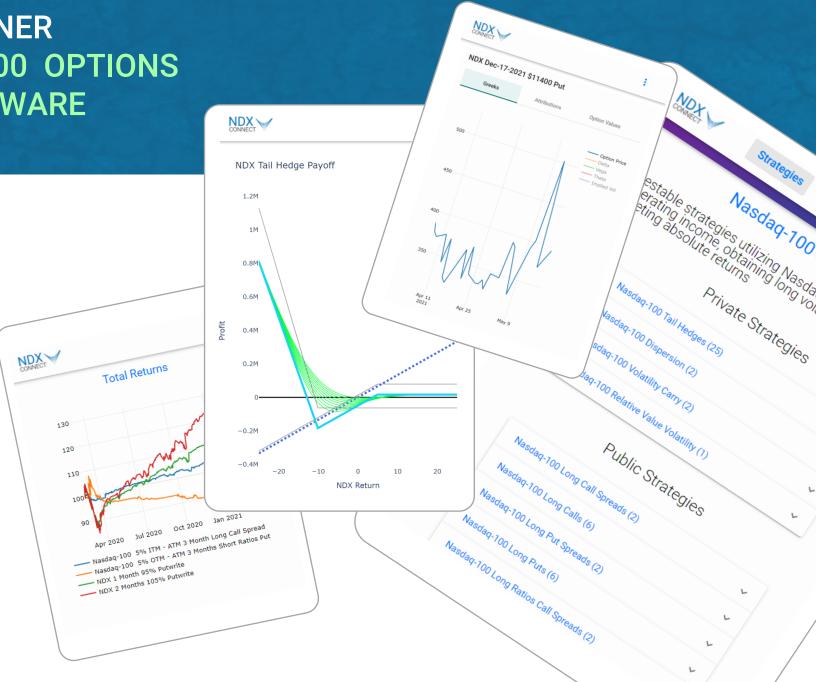


INDEXED PRODUCTS
ON THE NASDAQ-100



RAPIDLY ANALYZE & EXECUTE NASDAQ-100 OPTIONS STRATEGIES

**PLATFORM COMING SOON...** 



### ACCESS



### **INDEXES**



Public, Private, & Custom Indexes



**Index Calculation** 

### **TECHNOLOGY**



**Index Platform** 



Index Engine & API



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