

## DECISION OS – REQUIRED ADDITIONS FOR FULL CONFIRMATION PLATFORM

### 1. MARKET REGIME

- Index feeds (SPX, NDX, TSX)
- Volatility indices (VIX, VVIX)
- Regime classifier module

### 2. BREADTH & FLOW

- Advance/Decline data
- Sector ETFs
- Volume breadth
- Fund flow APIs

### 3. INSTITUTIONAL ACTIVITY

- Dark pool data
- Block trades
- Insider trades
- Short interest

### 4. OPTIONS CONFIRMATION

- IV rank & percentile
- Skew
- Gamma exposure
- OI walls

### 5. FUNDAMENTALS & EVENTS

- Earnings calendar
- Valuation comps
- Growth metrics

### 6. SENTIMENT

- News sentiment
- Social feeds
- Analyst revisions

## 7. TECHNICAL STRUCTURE

- Volume profile
- Multi-timeframe trend
- Support/resistance

## 8. RISK LAYER

- Portfolio correlation
- Stress testing
- Max drawdown impact

## 9. EXECUTION LAYER

- Trade plan builder
- Scenario trees
- Position sizing

## SYSTEM REQUIREMENTS

- Modular adapters
- Caching layer
- WebSocket streams
- Time-series DB
- Versioned engines