DATA LINEAGE & AUDIT TRAIL

Account: Composite
Generated: January 21, 2026 at 20:59:15

DATA FLOW DOCUMENTATION

Step	Data Element	Source	Transformation	Output Location
1	Raw Holdings	Client CSV Upload	None (preserved)	Excel: Source_Data
2	Monthly Values	Client CSV	Parse dates/values	Excel: Source_Data
3	Monthly Returns	Client CSV	Convert % → decimal	Excel: TWR_Calculation
4	Annual Returns	Monthly Returns	$\prod(1+r) - 1$	Excel: TWR_Calculation
5	Cumulative Return	All Monthly	$\prod(1+r) - 1$	Excel: TWR_Calculation
6	Annualized Return	Cumulative	$(1+c)^{(12/n)} - 1$	Excel: Annualized
7	Benchmark Data	Yahoo Finance	LIVE API fetch	Excel: Benchmark
8	Risk-Free Rate	Yahoo Finance	LIVE (^IRX)	Excel: Risk_Metrics
9	Volatility	Monthly Returns	StdDev × $\sqrt{12}$	Excel: Risk_Metrics
10	Sharpe Ratio	Multiple	$(R_p - R_f)/\sigma$	Excel: Risk_Metrics

VERIFICATION STATEMENT

This document certifies that all performance calculations can be independently verified using the accompanying Excel workbook. All formulas are visible in cells (not hidden values), and the data lineage above traces each calculation from source to final output.

Prepared by: CapX100 Performance Reporting Services
Date: 2026-01-21