FIG. 3: Semantic Coherence Validation Process Across Distributed Nodes

Node A

| Deception Content A |
| BERT Encoder |
| Vector Embedding EA |

Node B

| Deception Content B |
| BERT Encoder |
| Vector Embedding EB |

Node C

| Deception Content C |
| BERT Encoder |
| Vector Embedding EC |

Coherence Validator 108

| Cosine Similarity Matrix |
| Coherence Score Calculation |
| Threshold Validation (≥ 0.85) |
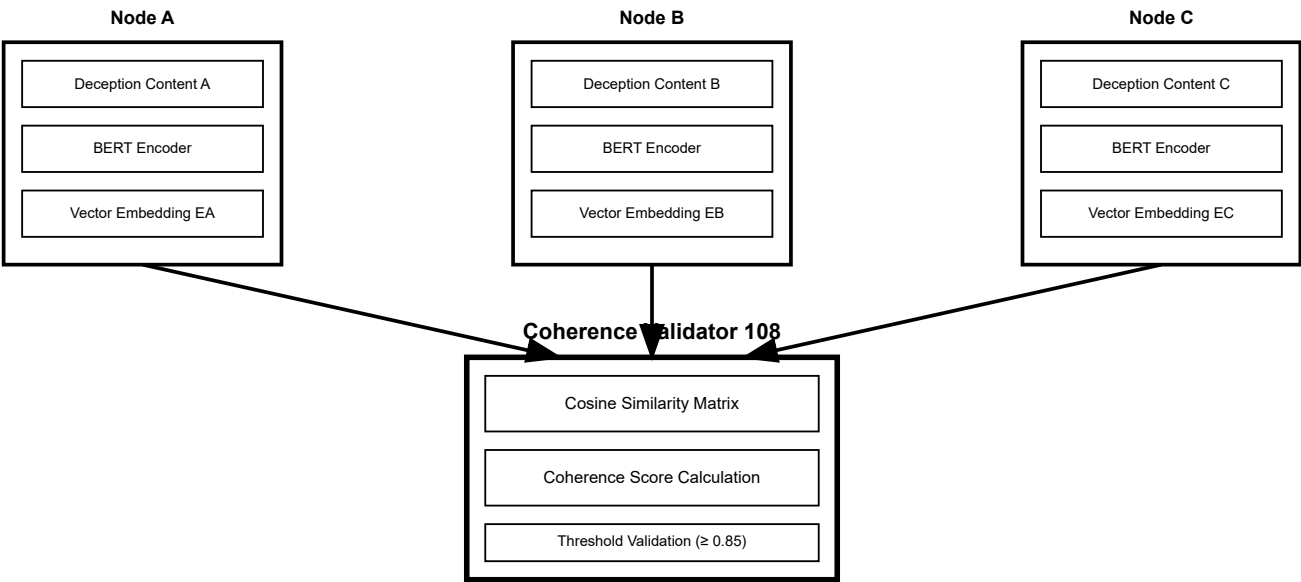
Formulas:

Cosine Similarity = (EA · EB) / (||EA|| × ||EB||)

Coherence Score = mean(similarity_matrix)

Validation = coherence_score ≥ threshold

Defensive AI Agent Process:

1. Generate semantic embeddings
2. Calculate pairwise similarities
3. Validate coherence threshold
4. Enable coordinated deployment

Similarity Matrix

	A	B	C
A	1.0	0.92	0.88
B	0.92	1.0	0.89
C	0.88	0.89	1.0

RESULT
Score: 0.896
Status: PASS

Comprehensive MWRASP Validation Ensures Semantic Consistency Across Enterprise Protection AI Agent Networks