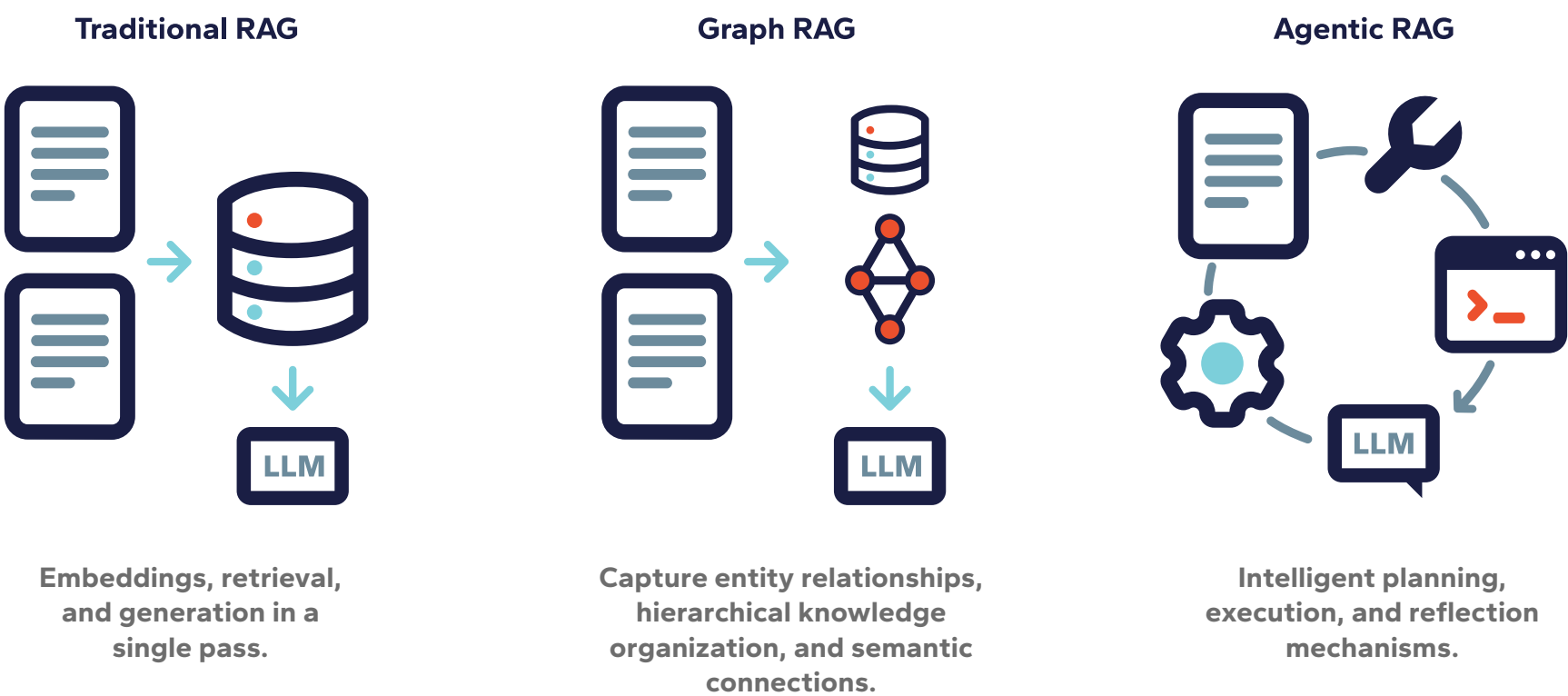# Grounded Retrieval with Dell PowerEdge XE7745
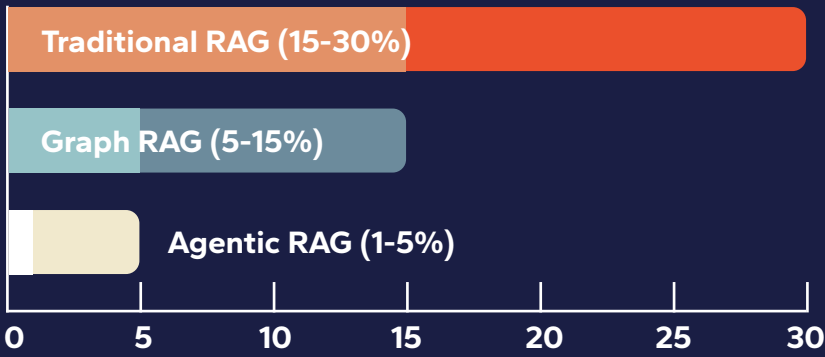
Agentic RAG Evolution

As organizations increasingly deploy AI, retrieving the right information and reasoning over it accurately is critical to brand integrity and trust.

> Agentic RAG **reduced hallucinations by ~40%**

Traditional RAG

Embeddings, retrieval, and generation in a single pass.

Graph RAG

Capture entity relationships, hierarchical knowledge organization, and semantic connections.

Agentic RAG

Intelligent planning, execution, and reflection mechanisms.

Grounded reasoning will define trustworthy enterprise AI. Invest in the right infrastructure today, combining the power of the Dell PowerEdge XE7745, the networking efficiency of Broadcom networking, and evolving RAG architecture, to harness the full potential of AI-driven knowledge systems.

RAG Hallucination

- Traditional RAG (15-30%)
- Graph RAG (5-15%)
- Agentic RAG (1-5%)

0 5 10 15 20 25 30

The Dell PowerEdge XE7745 purpose-built AI platform delivers up to 5x gains in inferencing and fine-tuning workloads.

- AMD 5th Gen EPYC processors
- Up to 3TB DDR5 Memory
- 8 double wide or 16 single wide GPU
- 10 Broadcom BCM57608 NICs
- Dell PowerSwitch Z9864F-ON

For more, see the full report on the Signal65 website.