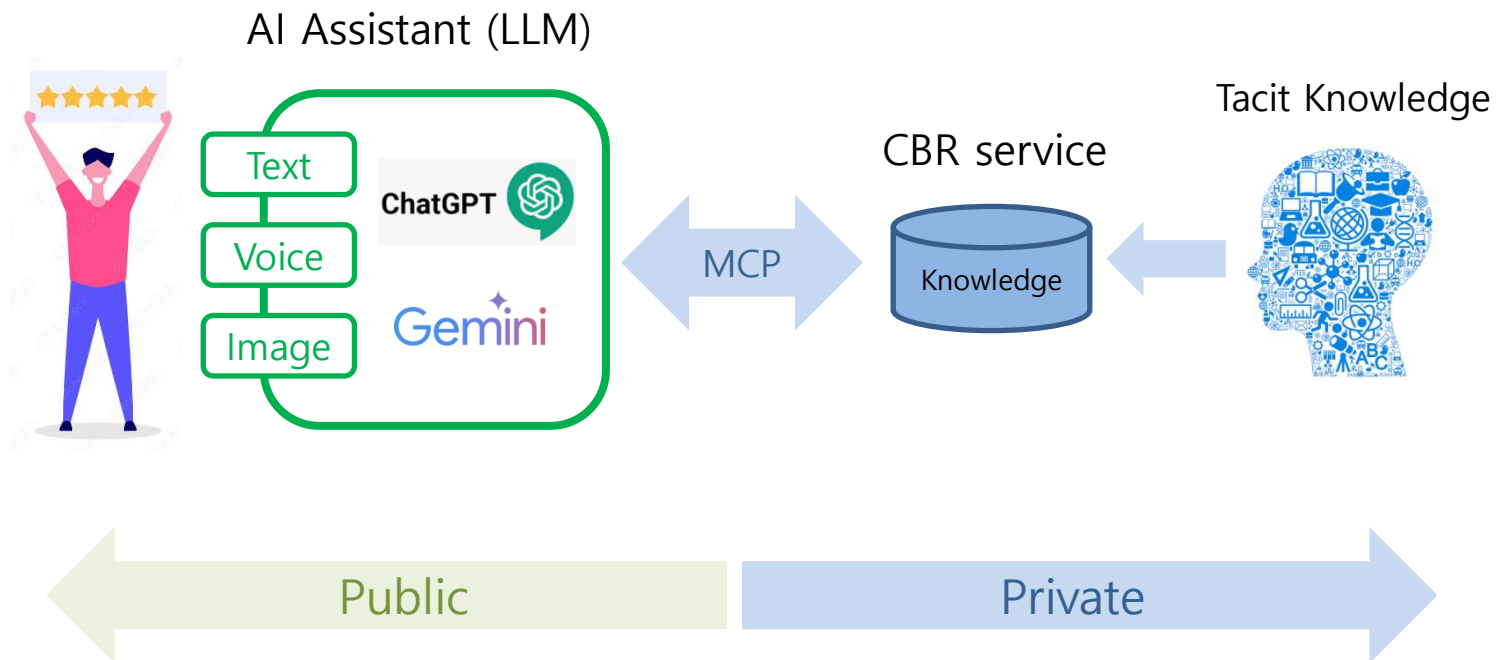


AI Field Comparison

	Symbolic Reasoning	Deep Learning	CBR
How It Works	Reasons with rules	Learns patterns from data	Reuses similar past cases
Knowledge Type	Rules, ontology	Neural network weights	Case database
Key Features	<ul style="list-style-type: none"> • Explainable • High knowledge engineering cost 	<ul style="list-style-type: none"> • Powerful pattern recognition & generation • Black-box, hallucination 	<ul style="list-style-type: none"> • Explainable • Easy knowledge growth by adding cases
Where Used	Digital twins, e-Commerce	Vision, LLMs	Best Practice reuse - Healthcare, MRO

Opportunities

Using CBR with LLM lets us make decisions based on proven cases while reducing hallucinations.



Expert know-how exists outside the LLM model.