

Pattern	Strengths	Limitations	Best fit
Cloud	Maximum scalability, managed services, rapid deployment	Data residency concerns, vendor dependency	Organizations with a cloud-first strategy and flexible data policies
Hybrid	Data sovereignty, gradual migration, control over sensitive data	Higher complexity, dual infrastructure costs	Regulated industries with on-premises data requirements
Edge	Ultra-low latency, data privacy, offline capability	Limited compute, maintenance burden	IoT scenarios, real-time manufacturing, regulatory constraints