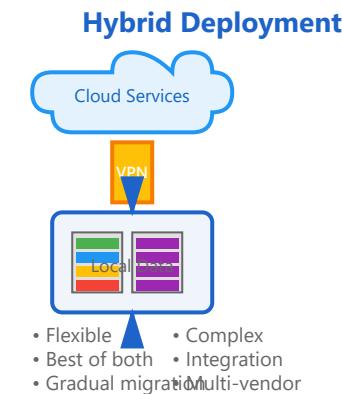
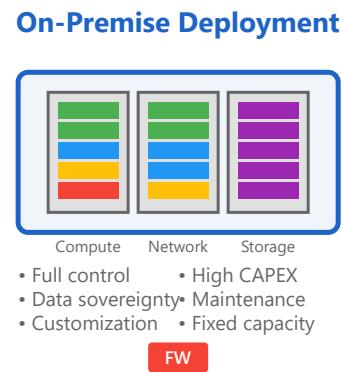
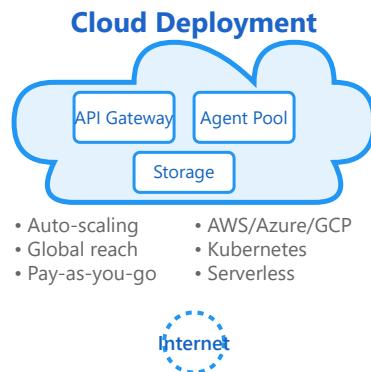


# Deployment Architectures

## Medical AI Agent Deployment Options



Metric	Cloud	On-Premise	Hybrid	Scalability:	Excellent	Limited	Good
Initial Cost:	Low	High	Medium				

### Cloud

- ✓ Rapid deployment
- ✓ Auto-scaling
- ✓ Low initial cost
- ✓ Simplified management
- ✗ Data security concerns
- ✗ Network dependency
- ✗ Regulatory constraints
- ✗ Cost predictability

### On-Premise

- ✓ Complete data control
- ✓ Enhanced security
- ✓ Customization
- ✓ Regulatory compliance
- ✗ High initial cost
- ✗ Maintenance burden
- ✗ Scalability limitations
- ✗ Infrastructure management

### Hybrid

- ✓ Flexible architecture
- ✓ Gradual migration
- ✓ Diversified backup
- ✓ Optimization
- ✗ Complex integration
- ✗ Dual management
- ✗ Security boundaries
- ✗ Consistency challenges