

Datacenter Modernization Assessment Checklist

BLACKHAWK DATA

Current State Inventory

- ☐ Server inventory (make, model, age, utilization)
- ☐ Storage inventory (type, capacity, utilization)
- ☐ Network fabric topology documented
- ☐ Virtualization platform and version
- ☐ Backup and DR solution documented

Capacity & Performance

- ☐ CPU utilization trends (90-day)
- ☐ Memory utilization trends
- ☐ Storage capacity and growth projections
- ☐ Network bandwidth utilization
- ☐ Application performance baselines

Lifecycle Assessment

- ☐ End-of-life/end-of-support dates cataloged
- ☐ Firmware/patch currency assessed
- ☐ Warranty status verified
- ☐ License compliance confirmed
- ☐ Vendor support contract review

Cloud Strategy

- ☐ Workload classification (keep, migrate, retire)
- ☐ Cloud provider(s) evaluated
- ☐ Hybrid connectivity requirements
- ☐ Data sovereignty requirements
- ☐ Cost modeling (on-prem vs cloud vs hybrid)

AI/ML Readiness

- ☐ GPU compute requirements assessed
- ☐ High-performance storage needs evaluated
- ☐ Network fabric supports RDMA/RoCE
- ☐ Power and cooling capacity for high-density racks
- ☐ AI/ML platform and tooling requirements

Resiliency & DR

- ☐ RPO/RTO requirements defined per application
- ☐ DR site identified and tested
- ☐ Backup frequency meets requirements
- ☐ Failover testing conducted in last 12 months
- ☐ Runbook documentation current