BCD Archival Services

SOLUTION OVERVIEW
Integrated evidence storage, cloud, and AI

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Current Dell on-premises platforms, cost-predictable hot cloud, secure offline archive, AI-ready data platforms, and evergreen all-flash storage, integrated with BCD's DEMS and DAMS platforms and managed through a single BCD-branded portal. Agencies store, protect, analyze, and retain digital evidence on the right tier at the right cost, with chain of custody intact from ingest to final disposition.

One portal
to provision, protect, and report on every storage tier

$0 egress
fees for hot cloud retrieval during court and discovery

11 nines
of object durability, with optional immutability

CJIS aligned
architecture with encryption in transit and at rest

THREE KEY CHALLENGES, SOLVED

1

Unpredictable storage costs
Evidence sits on the most cost-effective tier for its stage of life. Flat-rate hot cloud with no egress fees and a low-cost archive keep budgets predictable, even during heavy discovery.

2

Fragmented vendors
BCD's DEMS and DAMS platforms are the system of record on every tier, so retention, legal holds, and audit trails stay continuous as evidence moves.

3

Ransomware and data loss
Immutable storage, isolated offline archive copies, and Dell data protection give agencies several independent paths to recovery, for as long as evidence must be kept.

ONE LIFECYCLE, EVERY TIER

- **Dell on-premises foundation**
  High-volume video ingest and active evidence kept under agency control, with GPU-ready compute for AI.
- **Secure offline archive**
  Low-cost, isolated retention for decades-long and no-limit cases on SOC 2 Type 2 attested infrastructure.
- **Evergreen all-flash storage**
  Performance-critical workloads with non-disruptive upgrades and immutable snapshots.
- **Cost-predictable hot cloud**
  Flat per-terabyte pricing with no egress or API fees for court, discovery, and records requests.
- **AI-ready data platform**
  Video analytics, transcription, object detection, and content search, deployable fully on-premises.
- **Unified management portal**
  One BCD-branded view of every tier, with self-service provisioning and cost reporting.

WHO IT'S FOR

Police departments · Sheriffs' offices · Prosecutors · Records and evidence units · Real-Time Crime Centers · Regional consortia · Agency IT teams

WORKS WITH

BCD Hybrid 5.0 for DEMS · BCD Digital Asset Engine Workspace · Dell
and existing agency RMS, CAD, and identity systems.

Contact your BCD account team to schedule a demonstration.

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UNIFIED MANAGEMENT PORTAL

Self-service provisioning
Provision storage and protection services in minutes, without a procurement or support ticket for routine changes.

Usage and cost transparency
Metered consumption by tier supports budget planning, grant reporting, and command staff briefings.

Multi-department and multi-agency management
Divisions, partner agencies, and consortium members are managed as distinct subscribers, each with its own reporting and chargeback.

Integrated data protection
Backup, recovery, and protection policies are managed in the same interface as the storage itself.

Deep archive search
Indexed archives stay searchable for compliance, discovery, and records requests, without restoring large data sets.

Secure collaborative workspaces
Controlled environments let authorized parties work with sensitive data without exposing the underlying repository.

API integration and automation
Connects to existing agency business systems, and built-in automation removes routine administrative work.

ONE SYSTEM OF RECORD

Policy-driven lifecycle
Retention schedules, legal holds, and disposition rules are enforced consistently on every tier.

Continuous chain of custody
Hash verification and a complete audit trail follow evidence as it moves between tiers.

Right-sized for each agency
BCD selects the tier mix by budget, data volume, retention obligations, and security posture.

BUILT ON DELL

Dell PowerEdge compute
GPU-accelerated configurations run evidence workloads and on-premises AI processing.

Dell PowerScale storage
Scale-out performance for high-volume video ingest and playback, with object storage for retention.

Dell PowerProtect data protection
Policy-based backup and recovery, sized to each agency's ingest and retention profile.

SECURITY AND RESILIENCE

CJIS-aligned architecture
Designed to support CJIS Security Policy requirements, state retention laws, and discovery obligations.

Immutable storage on multiple tiers
Immutability and snapshots protect body-worn camera and dashcam video from deletion and ransomware.

Offline archive isolation
Isolated copies, backup, and disaster recovery services for decades-long and no-limit retention.

Agency-controlled AI
Zero-trust governance of AI agents, and secure enclaves that keep encryption keys with the agency.

Evergreen upgrades
Non-disruptive hardware and software refresh, without forklift replacements or large capital cycles.

Faster, defensible review
AI results for redaction, transcription, and search attach to the evidence record with full audit history.

● Lower, predictable cost
Each item sits on its most cost-effective tier, with no retrieval surprises and no forklift refresh cycles.

● Defensible evidence
Custody, hashing, and audit trails stay continuous from ingest to final disposition, on every tier.

● One accountable partner
Infrastructure, cloud, software, and support from a single BCD team, with room to grow.

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