cobalt IRON®

Adaptive Data Protection

Enterprise data protection Software-as-a-Service that adapts to business changes with simplicity, efficiency, and performance

Key Benefits

- Continuously current
- Energy efficient
- High performance
- Easily scalable

Features

- Full backup, archive, and recovery solutions
- Private, hybrid, public deployments
- Business-centric dashboard
- Simplified experience, self-service
- Unique analytics driven solution
- Continuous delivery of monitoring , alerts, updates, and upgrades

"ADP has delivered 50% CapEx savings versus EMC and freed my backup team from 99% of their daily management headaches."

— Vice President, Infrastructure at Fortune 1000 healthcare provider

A Complete Solution

If you are like most companies, backup is the single largest application you have in-house. That typically means you are running multiple legacy backup solutions (NetBackup, Commvault, Spectrum Protect, etc.) for various business units. This typically results in high administrative time that delivers less-than-stellar data protection. With Cobalt Iron's backup SaaS solution, you can: eliminate complexity, dramatically reduce the time you spend on backup, and significantly improve your data protection performance. The result is a comprehensive data protection solution that is flexible, manageable, and affordable.

Flexible

One size does not fit all. From one terabyte to multiple petabytes, ADP was designed with the flexibility to match performance and functionality for your unique requirements. Our solution offers data protection precisely where your business needs it: in the public cloud, in your private cloud, or in hybrid environments.

Manageable

The ADP Commander dashboard controls global data protection events within the enterprise in real time. This allows for the identification of failure scenarios, triggering alerts, providing extensive reporting for root-cause analysis, capacity and workload planning, and RTOs/RPOs.

Adaptive Data Protection & Accelerators

ADP delivers an enterprise-class portfolio of data protection features for backup, restore, and archiving. The unified web dashboard - Commander - consolidates all the processes necessary to operate, manage, and administer ADP from provisioning, scheduling, policy management, and decommissioning. Commander is accessible through any browser-enabled device delivering full management capabilities from your laptop or tablet. ADP Accelerators are sized by required backup performance, scale, and capacity and can easily be expanded to accommodate growth.

SIMPLE.
FLEXIBLE.
DEPENDABLE.

Adaptive Data Protection

Accelerator Specifications

Accelerator Class	EDPA1000	EDPA2000	EDPA3000	EDPA4000	EDPA5000
Maximum Protected Capacity	16 TB	144 TB	896 TB	2000 TB	8000 TB
Operating Environment	ADP OS	ADP OS	ADP OS	ADP OS	ADP OS
Encryption	AES256	AES256	AES256	AES256	AES256

Software Features
- Deduplication
- Compression
- DES and AES encryption
- RAID6
- NFS
- Email alerts
- Secure HTTP
- Ethernet failover and aggregation

Management
- Integrated management
- Automated resolution
- Simplified self-service

Certified Platforms

ADP virtual, bare metal, and physical Accelerators are designed and implemented to exceed the business SLAs driven by ADP. The Accelerator contains compute and storage to exceed the service level agreements set in ADP. Via ADP's cloud architecture, on-going updates, upgrades, and maintenance are delivered to ensure continuous SLA attainment. Certified platforms are currently available from Alibaba, Amazon Web Services, Microsoft Azure, Google Cloud, and IBM Cloud.

Standard Tier

Accelerator Class	C100-AWS	C100-IBM	C100-MSA	C100-GCP	C100-ACP
Cloud Platform	Amazon AWS	IBM Cloud	Microsoft Azure	Google Cloud	Alibaba Cloud
Maximum Protected Capacity	100 TB	100 TB	100 TB	100 TB	100 TB
Operating Environment	ADP OS	ADP OS	ADP OS	ADP OS	ADP OS
Encryption	AES256	AES256	AES256	AES256	AES256

Performance Tier

Accelerator Class	C200-AWS	C200-IBM	C200-MSA	C200-GCP	C200-ACP
Cloud Platform	Amazon AWS	IBM Cloud	Microsoft Azure	Google Cloud	Alibaba Cloud
Maximum Protected Capacity	400 TB	1200 TB	300 TB	400 TB	400 TB
Operating Environment	ADP OS	ADP OS	ADP OS	ADP OS	ADP OS
Encryption	AES256	AES256	AES256	AES256	AES256