

# Unlock the value of your data

## DataGravity Discovery Series

The DataGravity Discovery Series is the industry's first data-aware storage platform, an innovative new storage solution that fundamentally transforms traditional approaches to storage, data management and governance.

Based on a patented architecture, Discovery Series systems not only serve and protect data more efficiently, but also help you to better understand your data, exposing actionable insights and

issues to streamline data management, reduce business risks and increase user productivity. DataGravity extends far beyond the role of classic storage arrays and NAS devices by being data-aware: tracking data access and analyzing data as it is stored to provide greater visibility, user access, data insight and value from stored assets. With DataGravity, you can strategically unlock the value of your growing data resources.

### DATA-AWARE STORAGE INTEGRATES KEY CAPABILITIES INTO THE STORAGE APPLIANCE



#### SEARCH AND DISCOVERY

The Discovery Series provides the ability to access information previously concealed in unstructured data. Supporting more than 400 file formats, from text files to Microsoft Office and Adobe PDF, DataGravity surfaces insights from a rich set of data.

The Discovery Series provides a 360-degree view of this data, including information about people and time- who is creating, modifying and reading the information and when. DataGravity highlights correlations between the various aspects of the data so businesses gain insights in context. These insights can be surfaced using faceted search and filtering, and viewed in easy to understand visualizations showing trends, correlations and outliers. All of this rich discovery is done without impacting primary storage.



#### DATA RECOVERY

DataGravity has created a new paradigm for data protection called DiscoveryPoints. DiscoveryPoints protect data with the speed and simplicity of a snapshot, and the fault isolation, change visibility and restore granularity of a backup. DiscoveryPoints contain full catalogs of content changes and activities.

Protection is done continuously and DiscoveryPoints can be taken based on time or operational metrics such as the change rate of data. Unlike snapshots, DiscoveryPoints are unaffected if damage occurs to the primary storage. Restores are near instant and can be done at any granularity: files, file systems, VMs, files within a VM, or an entire LUN. With DiscoveryPoints, data protection and business continuity objectives can be simply met, unconstrained by backup windows and slow recovery times.



#### DATA GOVERNANCE



DataGravity is the first storage appliance to natively support governance, risk and compliance initiatives and enhance data security. Discovery Series systems track all data interactions, including who is accessing the data, what operations are being performed and when they occurred. In addition, sensitive data including personally identifiable information (credit cards, social security numbers) are indexed and surfaced.

Risk analysis can easily be performed to understand where sensitive data lives, if it has been exposed, and if so, how broadly it has been accessed. Track how your users are interacting with the data, and identify potential risks and exposures. A historical record of activity is always available to review and understand the extent of compliance breaches.

#### PRIMARY STORAGE



The Discovery Series is powered by a state-of-the-art flash-optimized primary storage array, designed for high availability with no single point of failure, ideal for business and mission-critical applications. The Discovery Series provides unified storage access supporting NFS, CIFS/SMB and iSCSI LUNs, with the additional capability to manage virtual machines natively. Tight integration with VMware makes it an ideal platform for virtual environments.

Built-in thin provisioning, in-line compression and targeted deduplication optimize effective use of storage capacity. Provisioning new storage or creating clones of existing mount points is done using simple UI workflows.

Dashboards allow you to see storage trends, as well as identify the most active users, if there are rogue users, and what dormant data resides in primary storage.

## EXPANDING THE ROLE OF STORAGE

DataGravity Discovery Series systems establish a new benchmark for storage, integrating previously disjointed capabilities into the storage array. The Discovery Series has simple, automated deployment and management, with an intuitive HTML5 interface. DataGravity has an all-inclusive software licensing model, backed by world-class enterprise service and support programs. DataGravity expands the role storage plays in organizations, bringing new value to more audiences.

IMPROVE END-USER PRODUCTIVITY	SUPPORT GOVERNANCE, RISK AND COMPLIANCE	HELP IT OPERATIONS RUN SMOOTHLY
End users have secure rights-based access to a central, content-rich resource – isolated from primary storage. Search and analyze content assets and experts that are relevant to your goals, initiatives and projects, and find and recover lost files. Visualize content and trends, rendering new insights into information and topics.	Find and protect sensitive data, and assist and support legal and compliance initiatives and inquiries as a key contributor and stakeholder. Contain sensitive data by pinpointing who had access to what information and when.	Reduce your data management burden through workflow consolidation and automation, minimizing the impact on your production environment, and decreasing your reliance on layered applications and additional infrastructure. Use the provided data insights to effectively manage capacity, performance, protection and access.

## DATAGRAVITY DISCOVERY SERIES SYSTEM SPECIFICATIONS

The Discovery Series is powered by an enterprise-proven primary storage array. Designed for high availability with no single point of failure, the Discovery Series is ideal for your business and mission-critical applications.

### Platform Specifications

	DG1100	DG2200	DG2400
Raw disk capacity, Base (TB) <sup>1</sup>	18TB	48TB	96TB
Flash capacity (TB) <sup>1</sup>	1.2TB	2.4TB	4.8TB
Power supplies/fans	Dual redundant, hot swappable		
Supported protocols	CIFS/SMB (V1.0, V2.0, V2.1), NFS (V3, V4) iSCSI		
Active controllers	2		
Network ports per controller	2x10Gb Ethernet Ports (copper and fiber options) 2x1Gb Ethernet Ports		
UI compatibility	Supports modern HTML5-based browsers: Mozilla Firefox, Google Chrome, Microsoft Internet Explorer and Apple Safari		

[1] TB means one trillion bytes

### Operating Conditions

	DG1100 COMPUTE NODE (w/storage)	DG2000 SERIES COMPUTE NODE	DG2000 SERIES STORAGE NODE
Dimensions (HxWxD)	3.5" x 17.2" x 26.75"	3.5" x 17.2" x 26.75"	6.92" x 19" x 24.9"
Rack units	2U	2U	4U
Gross Weight	85 lbs	85 lbs	120 lbs
Power requirements (W)	950 max	950 max	700 max
Operating temperature	10C - 35C (50F - 95F)		
Non-operating temperature	-40C - 70C (-40F - 158F)		
Operating altitude	0 - 10,000 Ft.		
Operating relative humidity	20% - 80% non-condensing		
Non-operating humidity	5% - 95% non-condensing		



The Discovery Series platform redefines storage expectations by delivering a system that combines storage, protection, data governance, search and discovery into a fully integrated system.



The DataGravity User Interface is an HTML5-based responsive design built with mobility in mind. Users throughout the organization benefit from an intuitive interface specifically built to extract value from across stored content.