

# Load Balancing Progress DataDirect Hybrid Data Pipeline

## Solution Essentials

Progress® Progress DataDirect  
Hybrid Data Pipeline (HDP)

Progress® Kemp® LoadMaster®

## Is DataDirect HDP/ LoadMaster the right fit for your organization?

1. Does your organization need centralized management of data sources?
2. Is availability and scalability important to your universal data connectivity solution?
3. Is security and authentication a challenge with the different data sources in the environment?
4. Is multi-tenancy a requirement for the data connectivity in your organization?

As the data landscape becomes more complex in the enterprise, a solution is needed for universal data connectivity, whether that data is in the cloud, on-premises or both.

## Business Challenge

The importance of data access within the enterprise can not be overstated. The challenge many organizations struggle with is the ability to manage universal data access effectively and eliminate different accounts to access the various data sources. Security and data privacy laws also must always be addressed due to the sensitive data being accessed across the enterprise. Last, importance of availability should always be top of mind since every minute that data is inaccessible impacts the business financially and has a major effect on user productivity.

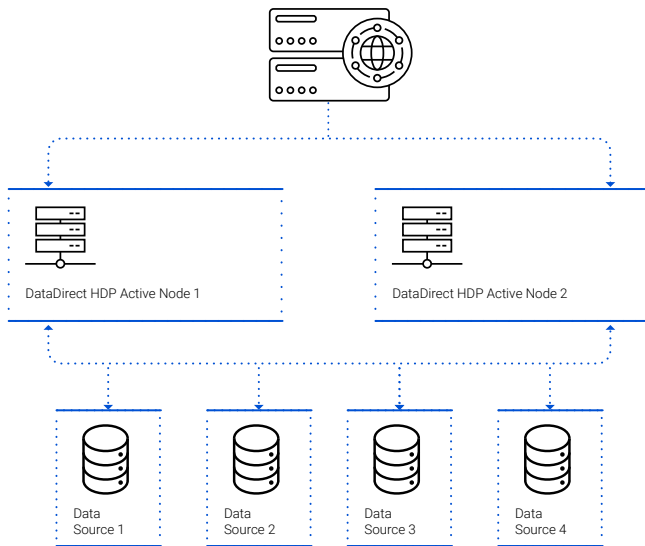
## The Progress Solution

**Progress Software** a trusted leader in providing products designed to empower customers and push innovation for an available, scalable, intuitive, and secure solution.

Progress DataDirect Hybrid Data Pipeline delivers flexible, scalable, and secure data connectivity for fortune 500 companies down to small start ups. This lightweight data gateway supports today's data sources such as ODBC, JDBC, OData, and REST, all through a single interface regardless of location. Centralized authentication, encryption, and IP Whitelisting for all data sources allows Progress DataDirect Hybrid Data Pipeline to meet security compliance within the organization. Throttling capabilities within DataDirect HDP allows for fair and balanced access to system resources across a multi-tenant environment.

Progress DataDirect Hybrid Data Pipeline also supports the necessary scalability and high availability that customers require to maintain service level agreements (SLA) with customers and within the business. Progress Kemp LoadMaster is an award-winning load balancer designed to not only meet these requirements but exceed them.

LoadMaster's advanced health checking will ensure the DataDirect



services are available and ready to accept connections from users and applications. Properly distribute traffic across the multiple back end DataDirect HDP servers ensure system resources are being appropriately utilized and therefore delivery the best performance. For multi site deployments, LoadMaster's Global Server Load Balancing (GEO) can provide automatic failover to an alternate site or cloud in the event of an outage.

**LoadMaster** combined with **DataDirect Hybrid Data Pipeline** deliver an always-on application experience of a flexible and secure universal data connectivity solution for the enterprise.

## DataDirect HDP Advantages

- 1 **Secure** – Encryption in-transit regardless of data source.
- 2 **Centralized Authentication** – Single Sign on (SSO) identity-based access irrespective of backend security.
- 3 **Support for today's data sources** – Universal client connectivity using ODBC, JDBC, OData, and REST.
- 4 **Multi-Tenancy** – Simultaneously serve multiple clients, business units, or tenants.
- 5 **Integration with Salesforce** – Leveraging Salesforce (SFDC) API allows for enriched data and reduction in SFDC licensing costs.
- 6 **Federal Compliance** – Encryption algorithms using FIPS 140 compliant mode.
- 7 **Throttling** – Set limits on ODBC, JDBC, and OData requests for fair and balanced access to resources.

# LoadMaster Advantages

- 1 Deploy Anywhere** – Hardware, Virtual, and Cloud load balancing appliance are available.
- 2 Scalability** – Hardware appliances with up to 90Gbps throughput to meet the needs for any size deployment.
- 3 High Availability** – Deploy multiple LoadMasters to eliminate single points of failure.
- 4 Simplified Configuration** – Use Application Template built for DataDirect to publish with ease using best practices.
- 5 Automation** – Automate load balancing configuration using the LoadMaster API, Java, or PowerShell wrapper.
- 6 Multi Site**– Provide multi site/ cloud resilience with LoadMaster Global Server Load Balancing (GEO).

## About Progress

Progress is the experienced, trusted provider of products designed with you, our customers, in mind. With Progress, you can build what you need, deploy where and how you want, empower your customers, then manage it all safely and securely. That way, you achieve growth even faster. Because Progress is not only our name, it's also what we want you to achieve.

## Contact Us

Progress Software offers an enterprise end to end secure, available, scalable, and flexible universal data connectivity solution. To learn more about this solution, call your Progress sales representative.







Try a LoadMaster free for 30 days

## About Progress

Progress (NASDAQ: PRGS) provides the leading products to develop, deploy and manage high-impact business applications. Our comprehensive product stack is designed to make technology teams more productive and enable organizations to accelerate the creation and delivery of strategic business applications, automate the process by which apps are configured, deployed and scaled, and make critical data and content more accessible and secure—leading to competitive differentiation and business success. Learn about Progress at [www.progress.com](http://www.progress.com) or +1-800-477-6473.

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