

# Modern Research Platforms for University Health

Practicing Precision Medicine requires a state-of-the-art research platform. In life-saving research, time is of the essence, and a research platform must reduce the time between the birth of an investigative idea and the experimentation process, enabling researchers to develop new analytics quickly.

**Hortonworks Connected Data Platforms** deliver a modern approach to managing and delivering research platforms to University Health Researchers.

## Eliminate Risk of Research in the Wild

Data on laptops or in siloed, dispersed databases is not governed according to official policy. Hortonworks provides a safe, centralized, and governed platform for research data. Audit the data lifecycle from ingestion to transformation, processing, and extraction. Classify and tag data according to specification.

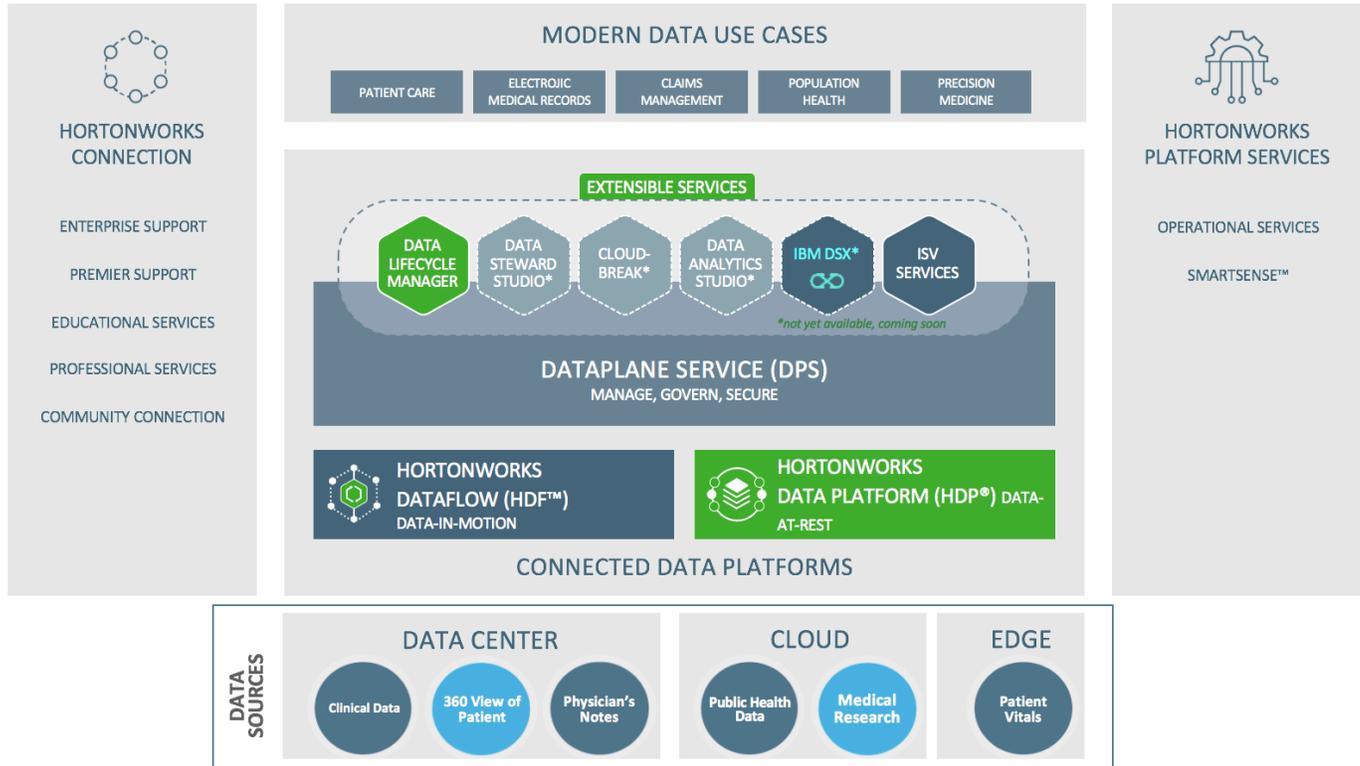
## Provide Data as a Service

Breakthroughs occur when researchers can get the data they need quickly and efficiently. A modern research platform supports 1000s of researchers and hundreds of projects. Hortonworks connected data platforms provide researchers access to unprecedented volumes of data and allows them to use the most current data processing technologies such as batch, realtime, in-memory, SQL, NoSql, and Search, and Natural Language Processing.

## Encourage Collaboration in Research

Many research tools fall short when it comes to providing the ability for researchers to collaborate or integrate their development with their colleagues or other technologies. A Hortonworks Research platform encourages data sharing across multiple disciplines or within a specialized domain. Not only can researchers access a variety of data, but they can share models and analytics, which may be just the key they need to make a breakthrough.

# Hortonworks Approach to Modern Research Platforms



## Hortonworks: Enterprise-class, Enterprise-ready

Hortonworks Data Flow, Hortonworks Data Platform, and DataPlane Services are delivered to meet enterprise requirements, encompassing the functional areas that are foundational to any research platform technology.

### Data Management

Ingest, Store and process vast quantities of data in a scale-out storage layer.

### Data Access

Access and interact with your data in a wide variety of ways—spanning batch, interactive, and real-time use cases.

### Data Governance and Integration

Quickly and easily load data and manage according to policy.

### Security

Address requirements of Authentication, Authorization, Accounting and Data Protection.

### Operations

Provision, manage, monitor and operate Hadoop clusters at scale.

## Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Our distribution of Apache Hadoop, Hortonworks Data Platform, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

To learn more, visit [www.hortonworks.com/solutions/healthcare](http://www.hortonworks.com/solutions/healthcare) or call (855) 8-HORTON