

TRANSFORM GOVERNMENT DATA MANAGEMENT WITH TOTAL CLOUD CONTROL

Experience Cludera Data Platform Private Cloud with a 21-Day Mentored Proof of Concept



Industry

Public Sector

Website

www.cludera.com/privatecloud

Product Overview

Cludera Data Platform Private Cloud (CDP PVC), delivered as an integrated package of best-of-breed hardware, software, and enterprise data platform.

This “Private Data Cloud in a Box,” is built specifically for the public sector with some of the most powerful cloud and data technologies available on the market.

Go from deployment to fully operational in roughly 24 hours, because everything is pre-installed and pre-configured—hardware and software.

Solution Highlights

- Unique specifications for the Public Sector
- Pre-configured hardware and pre-installed software
- Quickly deliver analytics and machine learning services
- Experience Cludera Data Platform Private Cloud on a 21-Day mentored proof of concept.

Contact cludera@fiercesw.com to learn more about the Cludera Data Platform Private Cloud and start your 21-Day proof of concept.



Data is at the heart of every government agency mission. As such, mission success depends on the ability to rapidly discover, manage, and analyze data to deliver transformative insights and inform decisions that can have massive impact on improving processes, delivering citizen services, augmenting planning and strategy, and overall cost savings. A modern, robust data platform with scalable resources is key.

Yet government IT teams deal with considerable challenges in effectively managing their ever-growing data. They work with tight budget constraints, strict compliance and security requirements, and performance SLAs that quite literally have mission-critical implications. Whereas a private-sector organization might be able to jump into a public cloud to manage its data without much due diligence, government agencies must clear a higher bar to ensure they can properly control costs, performance, and security. The stakes are too high to risk coming up short in any of these areas.

That’s where private cloud comes in. Private cloud delivers the power of public cloud to government agencies while minimizing risks. With a robust data platform in a private cloud, agencies retain the complete control necessary to be able to declare “mission success” with confidence.

WHY PRIVATE CLOUD? MAINTAIN TOTAL CLOUD CONTROL

Control Cost	Control Performance	Control Security
Cost savings are often touted as one of the major appeals of public cloud. Costs can quickly spiral out of control, however.	Performance in the public sector isn't a nice-to-have. Failing to meet SLAs can have major consequences.	Mission success doesn't just depend on a strong data platform—it depends on strong data security and compliance controls, too.
Overprovisioning, a lack of visibility into your environments, data ingress/egress costs, and other factors—even a developer who simply forgets to turn off a test VM—can cause surprise cloud bills and damaging budget overruns.	Government IT leaders, therefore, can't take on the risk of “noisy neighbors” in a public cloud. These are other users who monopolize shared resources such as bandwidth or CPU in a multi-tenant environment.	With the public cloud, you give up some of your direct visibility and control, which can mean there are risks that you're not even aware of.
Private cloud gives you the visibility and precise control you need to optimize resource utilization and keep costs in check.	Private cloud means you own and control the environment: No noisy neighbors, no missed SLAs because of resource drains.	Private cloud grants you consistent and contextual governance, compliance, and security with powerful control and audit capabilities.

Become the Cloud for Your Internal Customers

The control afforded by private cloud is obviously crucial to areas like cost, performance, and security.

Private cloud also empowers government agencies to take the improvements and efficiencies in these mission-critical areas to another level. Public-sector offices can become the cloud service provider of choice for their own internal customers, too.

Why Cloudera

Cloudera Data Platform enables organizations to effectively execute their data and analytics strategy to address current and evolving customer expectations.

EDGE TO AI ANALYTICS

Analytics for the complete data lifecycle combined in a single platform, eliminating the need for costly and cumbersome point products.

DATA SECURITY & COMPLIANCE

Maintains consistent data security and governance across all environments.

HYBRID AND MULTI-CLOUD

Delivers the same data management capabilities across all clouds and data centers.

100% OPEN SOURCE

Open compute and open storage ensures zero vendor lock-in and maximum interoperability.

This model creates cascading benefits. A private cloud becomes a mechanism for an agency office to become the “public cloud” for its internal customers. The agency can now further optimize costs and resource utilization by charging back resource usage and spending to those internal teams, often at a lower rate than if they went out and provisioned those resources from an external provider. This can limit cloud sprawl and wasteful spending, while also helping in areas like compliance by minimizing shadow IT environments. Essentially, government offices extend the complete control of private cloud to all of their internal users as well.

A Plug-and-Play Enterprise Data Cloud for the Public Sector

Meet Cloudera Data Platform Private Cloud (CDP PVC), an integrated package of best-of-breed hardware, software, and enterprise data platform. Think of it as a “Private Data Cloud in a Box,” built specifically for the public sector with some of the most powerful cloud and data technologies available on the market.

It is as turnkey as it gets: You can go from deployment to fully operational in roughly 24 hours, because everything is preinstalled and pre-configured—hardware and software. Plug in the power, plug in the network, open it up to your users, and you’re off and running.

Your “private data cloud in a box” consists of:

Cloudera Data Platform Private Cloud (CDP PVC)

Built on top of Red Hat OpenShift, CDP PVC delivers a cutting-edge data analytics platform from edge to AI. You speed up time-to-value by providing users with self-service analytics on massive amounts of trusted data—without sacrificing costs, performance, or security. Think 10x faster deployments of analytics and machine learning services compared with traditional data management solutions. You achieve 100% tenant isolation—no noisy neighbors negatively affecting performance. Plus, you shrink costs by minimizing and optimizing your datacenter footprint. Meanwhile Red Hat OpenShift container platform delivers the flexibility, portability, and control necessary for today’s dynamic IT environments.

PSSC Labs

Our partnership with PSSC Labs is key to the plug-and-play experience. PSSC Labs builds hardware platforms specifically for CDP PVC workloads, with everything you need to run already installed and ready to go. Their expertise in infrastructure density and power consumption unlocks significant cost savings via reduced datacenter footprints and increased power and networking efficiency. PSSC does all of the required configuration, integration, and testing work up front, and any necessary hardware and equipment arrives installed and ready to deploy.





Fierce Software is:

- 2021 Cloudera Public Sector Partner of the Year
- 2021 Red Hat Business Transformation Partner of the Year
- 2020 Red Hat Advanced Training Partner of the Year



About Cloudera

At Cloudera, we believe that data can make what is impossible today, possible tomorrow. We empower people to transform complex data into clear and actionable insights. Cloudera delivers an enterprise data cloud for any data, anywhere, from the Edge to AI. Powered by the relentless innovation of the open source community, Cloudera advances digital transformation for the world's largest enterprises.

Learn more at cloudera.com

Fierce Software

We know that today's government IT leaders need to see first-hand the capabilities of any technology platform that they are evaluating, risk-free. That's why we've **partnered with Fierce Software to create an innovation lab where you and your team can try out the CDP PVC in action. You put it to the test with a 30-day mentored proof of concept in the Fierce Innovation Lab.** It's a risk-free first step toward transforming your agency's data management strategy for the modern cloud era.

Learn More about the 21-Day Mentored Proof of Concept

To introduce the power of CDP PVC to your office, we've developed a 21-Day mentored proof of concept. The program involves access to Cloudera Data Warehouse, Cloudera Data Engineering, as well as Cloudera Machine Learning experiences. Our partners at Fierce Software will be there every step of the way to ensure you understand and experience first-hand the deep capabilities of CDP PVC.

WEEK 1	WEEK 2	WEEK 3
Monday	Monday	Monday
<ul style="list-style-type: none"> • Kickoff meeting/introductions • Provide client with two tailored exercises for the week 	<ul style="list-style-type: none"> • Provide client with two tailored exercises for the week 	<ul style="list-style-type: none"> • Provide client with two tailored exercises for the week
Friday	Friday	Friday
<ul style="list-style-type: none"> • Recap and feedback of client's experience during week one • Answer any questions 	<ul style="list-style-type: none"> • Recap and feedback of client's experience during week two • Answer any questions 	<ul style="list-style-type: none"> • Final recap of client's overall experience

Contact cloudera@fiercesw.com to learn more about the Cloudera Data Platform Private Cloud and start your 21-Day proof of concept.