



Forward Deployed HCI

Rugged / Lightweight / User-Friendly / Resilient

Overview

Traditionally, organizations have been forced to sacrifice features and functionality for mobility when it came to IT requirements for forward deployed, edge, expeditionary, and tactical environments. The user experience with software applications and IT equipment was dramatically pared down at the edge, compared to what they experienced in the Data Center and/or Public Cloud.

Flywheel Data is changing this – so users can have full features, functionality, AND mobility. Teaming up with leading IT giants, HPE and Nutanix, Flywheel Data created Forward Deployed Hyperconverged Infrastructure (HCI).

Forward Deployed HCI is a rugged, resilient, cloud-in-a-box that takes into account Size, Weight, and Power (SWaP). Whether your mission is kicking in doors, protecting our nation, or drilling for oil in the middle of the ocean, the Forward Deployed HCI is designed to be simple to use, deploy, transport, and is tough as nails.

Exterior of the Forward Deployed HCI

- Hardened in a MilSpec approved rugged case
- Wheels, handles, waterproof exterior, and more
- Lightweight
- Small footprint
- Low power requirements
- Easy to use
- A full-featured cloud-in-a-box

Integrated Partner Technology

 Hewlett Packard
Enterprise

 NUTANIX

About Flywheel Data

Flywheel Data provides elite expertise in IT solutions design & product resale for the Cloud, Data Center, and Edge. Our goal is to arm our clients with the right tools, products, and technology to accelerate mission success.



Inside the Forward Deployed HCI

Inside the Forward Deployed HCI is datacenter grade hardware from HPE, including the latest full-featured Intel-based chipsets, not mobile class. The industry-leading software-driven HCI platform by Nutanix is integrated into the hardware stack, so that applications perform seamlessly at the edge, just as they would in a Data Center or Public Cloud.

Users can expect:

- Full redundancy with built-in high availability
- Ability to run VM's, containers, Kubernetes
- Able to backup and replicate data
- Enterprise-grade, user-friendly:
 - Software-defined networking
 - Software-defined storage for data integrity
 - Security
 - Compliance and reporting

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