

Net3 Technology

Infrastructure-as-a-Service (IaaS)

Key Benefits, Features, and Functionality

Net3 Technology is a leading Cloud Services Provider, headquartered in Greenville, SC. We own and operate PvDC Cloud, which is located both on the East and West coasts. Nationwide, Net3 provides clients with customized cloud solutions for Backup, Disaster Recovery, Infrastructure-as-a-Service (IaaS), Cybersecurity, and Ransomware Protection. Our wide range of offerings paired with our excellent customer support provides you with the freedom of choice and ensures cloud confidence for IT teams nationwide.

Infrastructure-as-a-Service (IaaS) allows businesses to have their resources (operating systems, applications, and storage) in the cloud without having to purchase, manage and support the underlying infrastructure. Powered by Net3 Technology's cloud, PvDC, you can deploy your environment and utilize pre-configured infrastructure and applications with just the click of a button. With our PvDC Cloud Portal, you have complete control of processes and procedures from a single pane of glass interface.

Net3 IaaS Key Benefits

COST SAVINGS

Organizations using IaaS can dramatically reduce their infrastructure costs, as they no longer need to purchase hardware for their data centers, maintain and replace equipment, or ensure 24/7/365 uptime. The cloud allows for a pay-as-you-go model, where you can add, delete, or move resources without being locked into hardware that has already been paid.

ON-DEMAND SCALABILITY

It is rare that all applications within a business need the same resources. By utilizing IaaS, organizations can customize a cloud compute environment that allows for business agility with different resource levels. With Net3's cloud, enterprises can quickly scale their capacity up and down depending on their business needs, changing opportunities in the marketplace, or consumer demand.

AROUND-THE-CLOUD AVAILABILITY

IaaS enables organizations to access their apps, data, and other resources if an Internet connection is available. Companies increasingly rely on IaaS to empower their mobile workforce, and to provide the foundation of their business continuity and DR plans.

Net3 IaaS Key Features

- Self-managed DHCP, NAT and firewall services using VMware vCloud Director and NSX Edge Gateway technology
- Load balancing options available for high traffic servers
- RESTful APIs to enable developer access
- Built-in high availability and fault tolerance
- 24/7/365 support from Net3 Cloud Engineers
- Ability to integrate with current SD-WAN and on-premise edge implementations using BYOA (Bring Your Own Appliance)
- Ability to Auto-Scale groups of virtual machines to provide increased capacity on-demand
- Multi-site capability; run your workloads in our geographically diverse data centers
- Secure multi-tenant environment that offers enterprise-level network connectivity

Why Leverage Net3's PvDC for IaaS?

Developed and maintained in the Palmetto State of South Carolina, PvDC offers businesses the freedom of choice. Choose from East or West-Coast data center locations, customize the size and configuration of your environment, and consume your resources without data lock-in. Powered by VMware, Net3's cloud, PvDC, allows businesses to simplify troubleshooting, patching and change management.

By choosing PvDC for IaaS, you will reduce costs, simplify, or even eliminate expensive infrastructure and time-consuming processes while improving your systems safety, security and performance. You'll go from maintaining the complete system internally, complete with backups and redundancies, to a streamlined, high-performance cloud-based system. Unlike competitors, PvDC allows you to re-adjust and reconfigure resource allocations within your work environment at any time. No matter how your resources are initially allocated, you can expand and contract as needed without ever having to move your workload.

PvDC can take care of your IT challenges:

- Reduced costs for resource purchase and management
- Enhanced business agility using PvDC services
- Customized services to boost system performance
- Improved focus on core application development/delivery
- Decreased spend on unnecessary/unproductive services

PvDC serves your business needs by:

- Reducing infrastructure expenditures
- Minimizing internal hardware and software requirements
- Increasing agility and efficiency
- Boosting reliability without compromising security



PvDC Cloud Portal

Organizations demand the speed and efficiency of the cloud without the sacrifice of functionality and reliability they're accustomed to from traditional data centers. Net3's PvDC Cloud Portal provides a comprehensive IaaS platform designed to support fast application building and scaling. It removes barriers between on-premise data centers and the cloud by allowing complete control of processes and procedures as it pertains to your business.

PvDC Cloud Portal Key Features and Benefits:

- Single pane of glass interface for managing resources
- Operational visibility into the current backup state
- Easy for end users to provision and modify resources without intervention
- Complete control over server resource provisioning
- Software defined network technology
- Execute server backups and recovery
- Visibility, management, and layer 2 connectivity into AWS, Azure & Google
- Ability to move data across regions with Zerto for Disaster Recovery

PvDC Customer Success Story

Hickory Transportation Services (HTS) is a leading Freight Management Solution company. When Net3 began conversations with HTS, they were having scalability issues with their system setup. Knowing that HTS was looking for a scalable solution that would support their company's growth and goals, Net3 ensured that IaaS, powered by PvDC cloud, would provide the scalable and simple solution they needed. With Net3's PvDC Cloud Portal, HTS is able to easily scale and manage their resources. It allows the HTS team to quickly find what they need, make the necessary changes, and look at their resources and requirements from a single pane of glass view. In addition, HTS found that Net3's service was a huge asset to their internal team, with minutes of downtime costing real dollars in their industry - Net3 provides a valuable resource to quickly diagnose and resolve any issues. Their team is confident that Net3 will always be there to assist when they are in a pinch.

"Out of all the solutions we were looking at, Net3 Technology had the most experience with our industry and the most capacity to scale up. The team at Net3 is so nice to talk to and always shows up - and that's important." David Meltzer - IT Director, Hickory Transportation Services

Try PvDC for free, [sign up](#) for your 30 day trial!

If you have any questions about IaaS with Net3 Technology, email us at sales@n3t.com or [Request More Information](#).