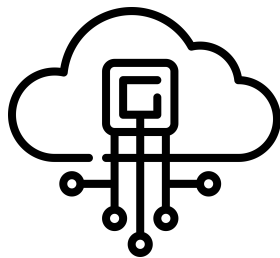


KLOUDUST
Tomorrow's Hybrid Cloud Today
DATASHEET

Tomorrow's Hybrid Cloud Today

Kloudust by Tekmonks is a comprehensive cloud-based platform that can help organizations manage their IT infrastructure and applications in the cloud efficiently and effectively.

The platform provides a range of services for enterprise-level customers, including cloud computing, application development, and data analytics.



Cloud-native enterprise architecture

Cloud-based enterprise system design



DevOps automation and optimization

Automated and optimized software development and deployment



Scalable and flexible infrastructure

Elastic and adaptable cloud infrastructure

Kloudust is a powerful platform that provides a complete end-to-end solution for building and deploying modern applications. The platform's following features make it a highly scalable and flexible platform for building and deploying modern applications in the cloud.

- Microservices architecture
- Containerization
- Serverless computing
- DevOps tools
- Security and compliance
- Multi-cloud support

Kloudust Features

The platform offers a wide range of features that make it a powerful tool for developers and organizations looking to build and deploy modern applications. Some of the key features of Kloudust include:

Microservices Architecture: Kloudust is based on a microservices architecture that allows developers to build modular and scalable applications. This architecture makes it easy to add new features and scale applications as needed.

Containerization: It leverages Docker and Kubernetes to provide a highly scalable and flexible containerization platform. This allows developers to package their applications as containers and deploy them easily to any cloud infrastructure.

Serverless Computing: It leverages AWS Lambda and other serverless computing platforms to provide a highly scalable and cost-effective platform for building and deploying serverless applications. This allows developers to focus on building applications without worrying about infrastructure management.

DevOps Tools: It provides a wide range of DevOps tools that make it easy to build, test, and deploy applications. These tools include continuous integration and deployment (CI/CD) pipelines, automated testing, and more.

Security and Compliance: It provides a highly secure and compliant platform for building and deploying applications. The platform leverages industry-standard security protocols and provides tools for managing access control, encryption, and more.

Multi-Cloud Support: It supports multiple cloud infrastructure providers, including Amazon Web Services (AWS) and Google Cloud Platform (GCP). This allows organizations to choose the cloud infrastructure that best meets their needs.

Kloudust Benefits

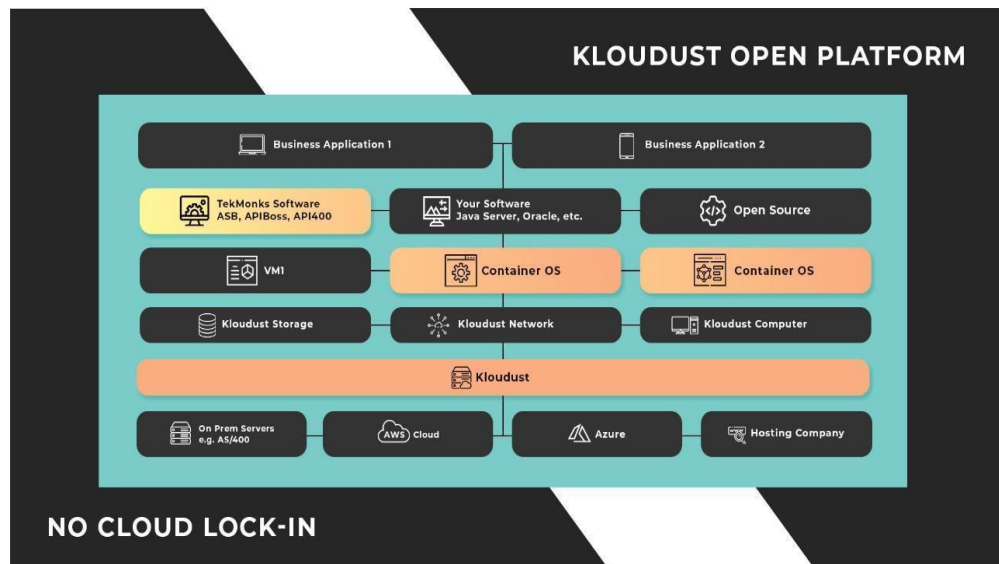
One of the key benefits of Kloudust is that it allows organizations to take advantage of both public and private cloud storage options. They can leverage the cost savings and scalability of public cloud storage while still retaining control over their data and applications by keeping some storage on-premises.

- Storage availability and data protection is built-in to object storage architecture, so depending on the application, the additional technology, effort, and cost to add availability and protection can be eliminated.
- Provide users with immediate access to a broad range of resources and applications hosted in the infrastructure of another organization via a web service interface.
- It can be used for copying virtual machine images from the cloud to on-premises locations or to import a virtual machine image from an on-premises location to the cloud image library.
- A good natural disaster proof backup, as normally there are 2 or 3 different backup servers located in different places around the globe.
- Act as a central file server for organizations with multiple office locations as it maps as a local drive with the Web Distributed Authoring and Versioning (DAV) protocol.
- Improves energy efficiency by up to 93%.

"Cloud computing is capable of improving energy efficiency by 93%, and producing 98% fewer greenhouse gas emissions than on premises IT infrastructure, according to the [Microsoft-WSP collaborative study](#)."

Kloudust Architecture

The architecture of Kloudust is based on microservices and leverages containerization and serverless computing to provide a highly scalable and flexible platform.



The architecture of Kloudust can be broken down into the following layers:

Infrastructure: Provides the underlying infrastructure for the platform, including servers, storage, and networking. Kloudust leverages cloud infrastructure providers such as Amazon Web Services (AWS) and Google Cloud Platform (GCP) to provide highly scalable and reliable infrastructure.

Containerization: Provides a container orchestration platform that allows applications to be packaged and deployed as containers. It leverages Docker and Kubernetes to provide a highly scalable and flexible containerization platform.

Microservices: Provides a set of microservices that make up the core of the Kloudust platform. These microservices include services for authentication, authorization, logging, monitoring, and more.

Serverless Computing: Provides a serverless computing platform that allows developers to build and deploy applications without managing infrastructure.

Application: Includes the applications that run on top of the Kloudust platform. These applications can be developed using a wide range of programming languages and frameworks, and can be deployed as containers or serverless functions.

By leveraging microservices, containerization, and serverless computing, Kloudust is able to provide a highly efficient and cost-effective platform for building and deploying modern applications in the cloud.

Specifications	
Supported OS	<ul style="list-style-type: none">• Linux• Redhat Enterprise• Ubuntu
Compliance	ISO 27001
System Requirements	<ul style="list-style-type: none">• 4 cores• 12 GB RAM• 250 GB Disk
Product Model	SaaS Software
Installation Methodology	Delivered as SaaS or Pre Built VMs
Integration	<ul style="list-style-type: none">• Windows• Linux• Network via SNMP
Support	Support Documentation

Produced/Printed in the UK 02/2023

TRADEMARKS: Tekmonks, the Tekmonks logo are trademarks or registered trademarks of Tekmonks Corporation in the United States, other countries, or both. All rights reserved.

PATENTS: US Patent Pending

IMPORTANT PRIVACY INFORMATION: If you would like to request access to or correction of your details, or if you would prefer you or your organization not to receive further information on Tekmonks products and services please contact us at:
privacy@tekmonks.com

Copyright Tekmonks UK Ltd 2023
Copyright Tekmonks Corporation 2023
All Rights Reserved
Tekmonks Ltd.

Kemp House, 152 City Road
London. EC1V 2NX. UK.

