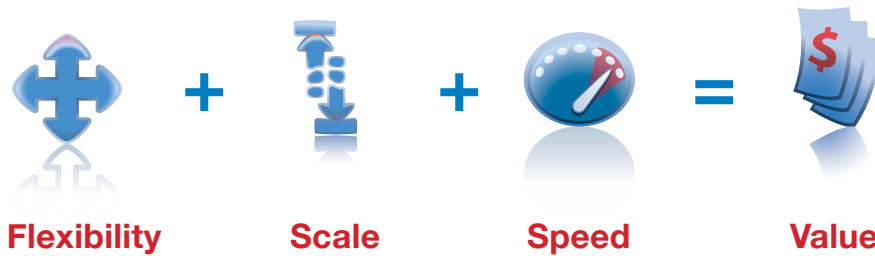


Bitbrains Bendy Andy Self-Service Cloud Platform



Self-Service Computing. No Waiting.

Traditionally, your internal IT customers have had to wait weeks or months for new servers. Even virtual servers could take days or weeks to deploy. Server deployment was labour-intensive, time-consuming, and costly, involving multiple professionals, procedures, and processes. In the meantime, your business and technical users waited for servers to do their jobs.

Bitbrains has solved those problems, with its Bendy Andy Cloud Platform and self-service portal. A new approach, unique methodologies, and innovative technologies are available to help you gain faster access to needed IT resources. Bitbrains is a leader in providing cloud computing resources on demand, to help you and your customers meet business goals faster and more cost efficiently.

Business Benefits

Accelerate service delivery Eliminate manual tasks and long waits for IT resources

Reduce operational costs Take out the “middlemen” in deploying IT resources; use your IT staff for other important projects.

Make your business users more efficient Provide them with the right resource at the right time.

Easier for you The Bitbrains easy-to-use interface can get you on your way to on-demand computing quickly.

The solution from industry leaders

Bitbrains, industry leader in hosted solutions, has teamed up with VMware’s vCloud Director, to deliver this best-of-breed solution for you. The Bitbrains Bendy Andy Cloud Platform is the enterprise-class hosting solution that offers the flexibility, scale, and speed to meet even your most challenging corporate IT demands. It is tomorrow’s technology, available today. vCloud Director helps companies build secure private clouds as a means to empower users to deploy pre-configured or customized services at the click of a button. Leading enterprises choose vCloud Director to deliver resources internally efficiently and quickly. All of the well-known BA capabilities like on-demand capacity, proof of concept, and test environment are now available at your fingertips.

Taking it one step further

The Bitbrains Bendy Andy hosting platform has already proven itself as reliable and flexible hosting platform for various types of applications. Now this platform has been extended with an additional layer that provides the end user with self service capabilities within his or her own virtual private data center. No longer Bitbrains is needed for a simple capacity extension of a server, if you want to do it yourself. The user interface allows with a few simple clicks to extend the capacity to meet your new demands. With this upgrade the Bendy Andy platform is fully cloud enabled and is even more user friendly, while maintaining the valued features the platform provided for many years!

Bitbrains “Customer First” Pledge

Our commitment to you means that **we put your needs first**. We will offer our best ideas and expertise, and we value yours. We will listen closely to your needs. We will deliver our solutions to you on time and on budget. We will make your satisfaction our priority.



The Bitbrains Bendy Andy Self-Service Portal

We Choose Only the Best for You

The Bendy Andy platform is built with best-of-breed IT components for performance, stability, and cost-effectiveness.

Cisco & Mellanox Networking Equipment

is used to create the network core, to enable secure access to the network, and to provide isolation and security for customer assets. Mellanox provides the high speed low latency IB switching fabric.

Xsigo IO offloading and virtualization equipment

is used to provide IB RDMA based IO virtualization and offloading capabilities.

Dell EqualLogic & Oracle Storage

provides fast and reliable iSCSI SAN storage. Oracle's ZFS file system is used in those areas where extreme performance is a must utilizing flash cache & SSD acceleration whilst also providing capabilities like encryption and deduplication.

Dell Blade Servers

are used for high-density computing, providing maximum performance while consuming less energy and space in the data center.

Telety Group Data Centers

are used to host Bitbrains' equipment. Telety Group Data Centers are rated Tier III+ and comply with important ISO group standards for processes and security.



What You Can Accomplish with Self-Service

The BA Cloud Platform with self-service capability makes it possible to:

- **Deploy your own virtual private data center** Create a fully isolated and secured virtual data center, in which you can deploy your own network layout and infrastructure topology.
- **Deploy your own network layout and architecture** Create any number of network zones, routed or non-routed, with or without Internet connection and with or without firewalls.
- **Deploy your own type of virtual machines** Develop your own virtual machine (VM) templates and deploy new VMs based on them, in just an instant.
- **Add or remove capacity on demand** If you need additional capacity (memory, CPU, disk space), you can add with a few clicks through the interface. When you no longer need the capacity, just remove it and you won't be charged for it.
- **Implement your own security and network policies** Every company has its own policies; the flexibility of the BA Cloud Platform, in combination with the self-service portal, allows you to implement any type of policy.
- **Deploy your own test and development environments** Sometimes, a new environment is needed quickly for test and development. The self-service interface allows you to quickly deploy new VMs, new network zones, or even new virtual private data centers for this purpose.

All of these tasks can be accomplished without the assistance of Bitbrains or others.

Bitbrains Makes it Even Easier

In addition to providing this capability, Bitbrains can support you with several services:

- **Self-service portal training** learn how to use the new interface, and maximise your effectiveness in deploying the platform.
- **Self-service portal user manual:** the reference guide on how to use the interface. Look up information at your own convenience.
- **Design Assistance** Bitbrains provides guidance and assistance in designing your own environment. Learn how to apply well-known design patterns and create environments that match your requirements.
- **Proactive monitoring** monitoring service for your environment provides additional assurance that your systems will continue to run as designed.

**Tell us what challenge you're facing.
We'll help you solve it.**

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About Bitbrains

Bitbrains designs, builds and supports leading edge cloud computing solutions for companies that require extreme levels of continuity, reliability and scalability of their complex and mission critical applications. Bitbrains' High Performance Computing concept becomes reality with Extreme Engineering, Customer First Services and Adaptive Hosting services. Combining unique knowledge and vision supported by its state of the art cloud computing platform, Bitbrains paves the way for new opportunities and applications.