

Centralized enterprise cloud platform architecture

Multicloud support for resource allocation

Hybrid cloud support for cloud platform distribution

Geodistributed disaster-resistant enterprise cloud

Support for various hypervisors

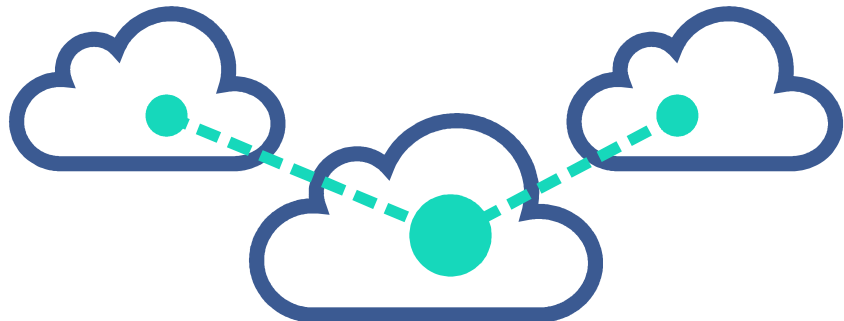
Architectures implemented by AccentOS

AccentOS gives the Client the freedom to choose the corporate cloud architecture.

The **centralized architecture** is designed for enterprises that use one data center for the corporate cloud and do not need a distributed cloud. Such clients can use the available AccentOS high availability features, but they will not be able to ensure the system's performance if one of the critical elements (power, communications, local area network) fails.



The architecture of combining resources from several independent clouds (**multi cloud**) is designed for enterprises that use multiple clouds to distribute applications between them or to create test environments. Tionix Holding Company provides free computing resources to its Clients in case of technical support, which allows them to create such a test cloud and implement a multicloud architecture.



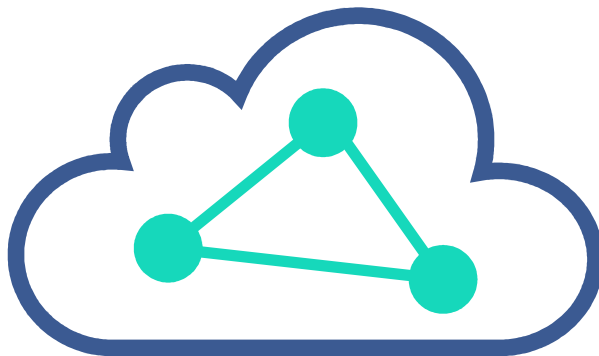
The centralized architecture with the expansion of the cloud at the operator's capabilities (**hybrid cloud**) is designed for enterprises that expand the corporate cloud with virtual operator resources to ensure the operability and the ability to move computing between these parts of the hybrid cloud. Tionix Holding Company provides computing resources to its Clients in case of technical support, which allows them to create a hybrid cloud for free.



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AccentOS Architecture

Distributed disaster-proof architecture is designed for enterprises creating a single distributed corporate disaster-resilient cloud that continues to function and automatically restore the functionality of virtual machines even in the event of a failure of a whole data center. Such a cloud uses high-speed (dedicated) communication channels with guaranteed low latency, a specially configured network, distributed software-defined storage (or synchronous storage). Client applications running in a disaster-proof cloud must be appropriately designed and configured. AccentOS supports this architecture.



AccentOS gives the customer the freedom to choose virtualization technology.

Virtualization technology can be classic virtualization when:

- ◆ the hypervisor starts the instance with its own operating system - KVM, XEN, Hyper-V;
- ◆ host operating system launches and manages containers - Docker, LXC.

AccentOS supports all of these technologies simultaneously in a single cloud and a single management system console, which gives the Client complete freedom in implementing the corporate cloud. AccentOS gives customers the freedom to choose **hardware**.

AccentOS can run on processors with the architecture of the CPU x86, ARM, Elbrus, Power 7. These servers can be located in a single cloud and can be controlled from a single AccentOS console at the same time.

AccentOS supports various Linux **operating systems** - CentOS 8, Debian 10, Astra Linux, Basalt on cloud computing resources and Microsoft Windows Hyper-V.

Any Linux and Windows operating systems can be used as guest operating systems. Their performance is determined exclusively by the correct creation and configuration of guest instances.



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