COLLAX
Flexible IT

Collax V-Bien
Secure. Stable. Highly available.

V Bien

IT Security for SMEs and Freelancers

Collax V-Bien provides secure protection against IT failures and reliably ensures that mission-critical applications are always available. Nevertheless the HA solution remains affordable. With the powerful equipment of up to 768 GB of main memory and up to two processor sockets, Collax V-Bien offers the possibility to install an unlimited number of virtual machines. Collax V-Bien thus meets the high IT requirements of medium-sized businesses and helps to avoid production downtimes.

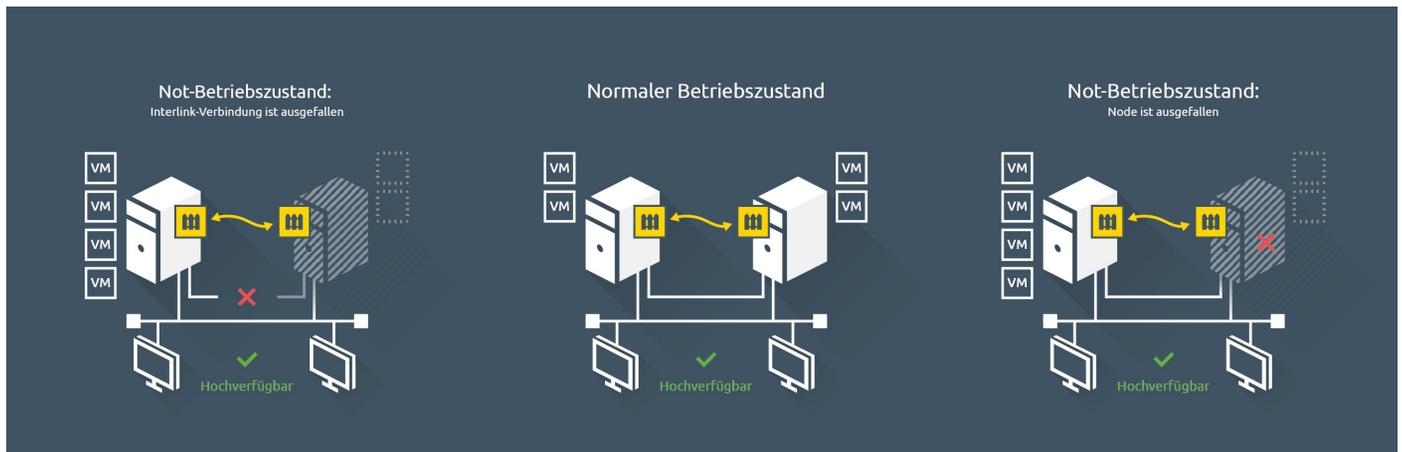## Collax V-Bien is secure and highly available

Collax V-Bien offers a stable, software-controlled high-availability solution for Linux and Windows applications and is composed of two identical units. Each component has a redundant mirror image. The failure of a component or an entire unit is intercepted. The intact server automatically takes over all the virtual machines of the failed server.

Collax Fencing Device

The patented Collax Fencing Device ensures data integrity at all times and in all operating states, regardless of which component is affected by the failure.

Advantages

- Data integrity for all operating conditions
- Additional protection through spatial separation of servers
- Stable, software-controlled high availability
- Basis for hybrid cloud
- Intuitive user interface
- Automatic installation
- Clear licensing system
- Administration via remote access
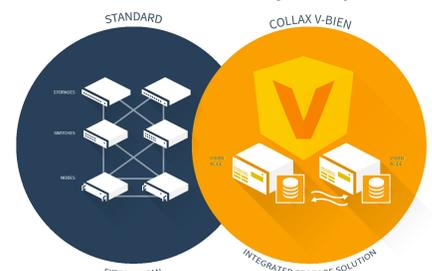- Hardware, software & support inclusive

In addition, Collax V-Bien ensures maximum data security through the possibility of spatial separation of the servers. Thanks to the Collax Fencing Expander used, the data is safe even in the event of severe external impacts such as fire and vandalism.

Collax V-Bien is complete and affordable

Common high availability solutions consist of a mix of components from different vendors.

Collax V-Bien, on the other hand, combines all necessary components. You receive hardware (including Collax Fencing Device), software and support from a single source. This saves costs and simplifies maintenance. There is exactly one point of contact for questions and problems.

Unlike conventional HA solutions, Collax V-Bien does not require an extra SAN. This means that costs can be saved right from the start, because the existing hard disk storage is used as the storage solution.

Collax V-Bien is simple and efficient

Collax V-Bien is administered like a single server. All settings can be made remotely via the browser. The administrator does not have to be on site. Collax V-Bien convinces with automatic installation, easy administration and a clear licensing system.

For better load balancing of the servers, Collax V-Bien uses both units in regular operation. Both nodes are active - in case of failure the intact server automatically takes over all virtual machines of the failed server. The user does not notice this and can continue working.

Collax V-Bien is proactive

In the event of a failure or imminent failure of critical components (e.g. memory), Collax V-Bien evacuates the affected node and migrates the virtual machines to the intact node.

Collax V-Bien uses virtualization

To achieve high availability of any enterprise server, Collax V-Bien uses modern virtualization technologies. You can virtualize all servers and make them highly available. No matter if it is a mail server, a security solution or a server with industry applications.

Collax V-Bien in practice

Once the two units of Collax V-Bien have been set up, existing servers can simply be moved over the network. After that, they are highly available without further adjustment. If an error occurs, Collax V-Bien acts independently and ensures that the affected components are no longer in use. At the same time, the administrator or the specialist dealer is informed by e-mail.

Available Versions:

Collax V-Bien - the perfect start

Maximum of one processor, maximum of 64 GB memory per node
Unlimited number of virtual machines

Collax V-Bien Office - also for small environments

Maximum one processor with 4 cores, maximum 32 GB RAM per node
Unlimited number of virtual machines

Collax V-Bien Pro - open to the top

Up to two processor sockets, up to 768 GB main memory per node
Unlimited number of virtual machines

Supported guest operating systems

Windows 7 to Windows 10, Windows Server 2008 to Windows Server 2022, SUSE Linux Enterprise Server, RedHat Enterprise Linux, Ubuntu Server, and many more.

Collax V-Bien - Extensions

Collax Central - active system monitoring
Collax V-Transfer - easy migration of virtual machines between Collax V-Products (Collax V-Cube, V-Cube+ and V-Bien)
Acronis Backup Advanced for Collax Virtualization - world leading backup solution for Collax V-products

Functions

- Virtualization
- High Availability
- Proactive HA
- Embedded SAN
- Multiple Storage Volumes
- UPS support
- Spatial separation of servers through Collax Fencing Expander
- Backup at hypervisor level
- Live Migration
- Migration: Physical to Virtual
- Integrated 2-node fencing
- Remote Administration
- Redundant Cluster Manager