



Medium ACS Server Overview

Catalyst Cloud Limited

Classification: Public

GENERAL DISCLAIMER

All information provided is supplied in good faith and with the best intentions, and is believed to be accurate and correct to the best of our knowledge at the time of writing. However, it may be subject to interpretation and is not guaranteed to be free from error or omission. We acknowledge that certain details may be open to clarification or correction, and we welcome such feedback where appropriate. All information is also subject to change without notice and should not be relied upon as definitive without independent verification.

Medium ACS Server Overview

Disclaimer

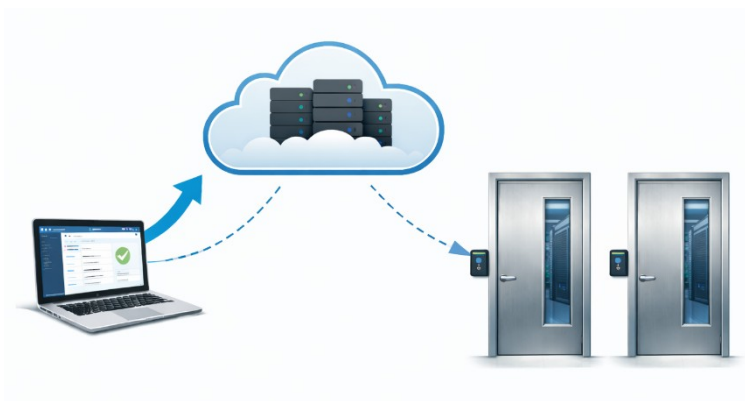
All virtual hardware and software specifications included in this document have been tested for Catalyst Cloud compatibility only and estimated small/medium/large options are based:

- Performance data collected from real customer/partner use-cases;
- Internal testing of relevant software products using minimum software requirement specifications against our commercial grade server hardware capabilities;
- Correlation of aforementioned results with the current c3 virtual hardware segmentations, often rounding them up, not down.

Our findings are by no means absolute and should be taken into account during the design phase of any project. This is our best effort to predefine real life useful “packages” off a highly dynamic and flexible cloud platform.

Overview

Cloud-based access control for small environments, providing secure door and user management via the cloud. No on-site servers required. Ideal for medium sites with up to 20 door controllers needing simple and reliable access control security management. It is assumed that UFB or better internet connection is available at the site where the door control infrastructure is located along with the required networking appliance to make the connection to the instance (virtual server) in the cloud possible.



A medium environment is defined as:

Some remote sites, such as residential/office buildings or commercial customer, running up to around 20 door controllers and moderate traffic.

Sizing

Always consult your software vendor to check minimum virtual hardware levels. The logic applied to our small/medium/large ACS sizing is: Integriti Professional minimum server hardware requirement HALVED as ACS software isn't as demanding in our server grade hardware as it would be in a conventional retail grade machine (i5, i7, i9). i.e. The ACS server software requires 4 vCore CPU. We would advise 2 vCore CPU in this case. Further, applying a similar logic to RAM but NOT system storage which depends on MS Windows® and MS SQL own minimum hardware requirements.

If you are still unsure, contact your Wesco Representative to discuss options

Note: We can only scale up – not down if you choose the incorrect size. We aim to make the scaling up change process as easy as possible to the integrator/customer.

Typical Use Cases

Integriti Business running on MS Windows® Server 2022 with up to 20 door controllers.

See the Compatibility Matrix at

<https://catalystcloud.nz/partners/wesco/docs/pdf/compatibility-matrix/>

Key Features

- No dedicated ACS server required on-premise;
- Can be configured for remote access from anywhere with internet connection available;
- Fast set-up and deployment. Simply follow the instruction documents available;
- Secure, highly available cloud hosting;
- Easily upscale your server whenever required to the next model or increase your storage via very granular increments.

Specifications

Configuration Size:	MEDIUM
Contract Term:	1-5 YEAR(S)
CPUs:	4
RAM:	16 GB
OS and Application Storage:	256 GB

The technology is underpinned by Catalyst Cloud-based, NZ's own Sovereign Cloud, looking after your data safely and securely since 2001

For more information around Catalyst Cloud please see our Website at <https://catalystcloud.nz/>

Other References

Licensing and Support - <https://catalystcloud.nz/partners/wesco/docs/pdf/licensing-and-support/>

Compatibility Matrix - <https://catalystcloud.nz/partners/wesco/docs/pdf/compatibility-matrix/>

Quick Steps Guide - <https://catalystcloud.nz/partners/wesco/docs/pdf/quick-steps-guide/>

Document control

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