



CLOUD INFRASTRUCTURE

A VARIETY OF HIGH-END HOSTING SOLUTIONS FOR ALL OF YOUR IT SERVICES

IT infrastructure should no longer be a constraint, but rather a tool at the service of your business. You need to have easy access to the best technology, in order to provide effective support for your core activities.

For these essential reasons, Systemat opens the doors of its Tier IV data centres and offers you the highest level of security and performance. You can also count on the know-how and expertise of Systemat's specialists for the management and maintenance of your services.

With Cloud Infrastructure, your information is hosted on virtual servers, to which you alone decide on access.

WHY VIRTUALISE OUR SERVERS ?

Today, a private, physical server is used, on average, at 20% of its capacity. The remaining 80% is not redistributed and therefore it goes unused. This technique enables you to share and consolidate resources in order to make the most of them. Systemat also makes sure that machines stay within their maximum workload, in order to prevent any saturation and thus maintain a safety margin.

TWO COMPLEMENTARY APPROACHES

To offer you a tailor-made solution, Systemat has set a precise objective for itself: to provide you with all the basic elements you need to build your infrastructure and to meet all your needs and priorities.

To do this, the Cloud Infrastructure offer is available in two formats :

1. HVS : Hosted Virtual Server

A pre-configured virtual server offering shared resources. The HVS service is particularly suited to the needs of small infrastructures or as a complement to shared services (Cloud Mail, Cloud Desktop, etc.), in order to host a specific application, such as accounting software.

2. HVI : Hosted Virtual Infrastructure

For a more complex infrastructure, dedicated resources for customised configuration of your machines!

Knowing that the use of shared resources can be less flexible for some clients, Systemat also wants to give you the opportunity to manage the distribution of your resources yourself. These resources are dedicated to your use, and you can access them as you please!

Building your infrastructure in the Systemat Cloud is no different than if you were doing it for a local facility. The advantage of our solutions is the multitude of high-technology components that can be put together in order to meet your specific needs.



It is therefore a solution that we build together and which can evolve if the growth of your business requires even greater availability.

MAIN BENEFITS

Investment

The resources you need are available to you on a rental basis and can be adapted to your use. There is no need to invest in equipment purchases, service provision or maintenance of your equipment.

Security

Our solution offers you a very high level of security, thanks to our Tier IV data centres (infrastructure redundancy, maintenance, continuous monitoring, etc.).

Competence

You can count on the expertise of Systemat's IT specialists and on their state-of-the-art infrastructure skills.

Connectivity

For optimal comfort, we provide you with the best available connectivity via our many providers. This guarantees maximum availability of your services.

Flexibility

Our different packages enable you to put together the ideal solution for your needs, while keeping your budget under control.

GREEN-IT

Opting for the Cloud is an environmentally responsible choice. The virtualisation of servers and the sharing of equipment lead to economies of scale in terms of power consumption for servers and air conditioning. Think about it!

ENTERPRISE MOBILITY MANAGEMENT

The Cloud makes it much easier to ensure secure access to your company's data from all type of mobile devices: smart phones, tablets, etc.

Added value: higher productivity and greater comfort for users. All that remains is proper management of these new mobile devices, particularly in terms of security. Systemat will be your partner.



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**More information, make an appointment or price your contract ?
Please contact one of our subsidiaries.**



CLOUD INFRASTRUCTURE BY SYSTEMAT		✓ Included	● Optional	N/A Not available
VIRTUAL MACHINE SPECIFICATIONS		HVS		HVI
Server type		Virtual		Virtual
Virtual processor VCpu		Shared resources Shared VCpu (SVCpu) 1 SVCpu minimum		Dedicated resources Dedicated VCpu (DVCpu) 1 DVCpu minimum
Virtual memory VMEM per virtual machine		✓ 4 GB included		● 2 GB minimum
Storage dedicated to the operating system (OS)		✓		●
High local availability of the VM on several "HA" physical servers		✓		✓
High availability of the network (LAN, WAN, Internet)		✓		✓
Windows server licence		✓		✓
Virtualization console		N/A		N/A
Console Operating System		Via RDP RDP access requires a secure, VPN-type connection, which is available as an option		
Antivirus		✓		✓
CLOUD INFRASTRUCTURE OPTIONS		HVS		HVI
Additional storage		Standard or high performance		
Data backup: Cloud Backup Plus service required (mandatory)		●		●
Internet access		Per Mbps of bandwidth		
Virtual processor: maximum number per machine		≤ 4 SVCpu		≤ 8 DVCpu
Virtual memory VMEM: Maximum GB per machine		≤ 16 GB		≤ 32 GB
IPSec VPN per site		●		●
SSL VPN		●		●
Extended backup plan with data replication		●		●
SYSTEMAT INFRASTRUCTURE SPECIFICATIONS		HVS		HVI
VM replicated in our second data centre		✓		✓
Redundant, secure, high-speed Internet connection		✓		✓
MONITORING		HVS		HVI
LEVEL 1	Infrastructure monitoring (Systemat does not have an admin account for the machine)			✓
	Infrastructure management*			✓
	Installation of an antivirus by default			✓
	Updating of software and antivirus			Client's responsibility (deadlines specified by Systemat)
LEVEL 2	Machine monitoring with no management (Systemat does not have an admin account for the machine)			Optional
	Level 1			✓
	Installation and access to SCOM console			✓
	Notification of alerts via means of communication chosen by the client (E-mail, SMS, tel.)			✓
	Handling of an underlying problem			On time basis
LEVEL 3	Monitoring and management of the machine (Systemat has an admin account for the machine)			IaaS Managed Service - optional
	Level 1			✓
	Level 2			✓
	Handling of an underlying problem			✓
	Updating of software, antivirus, applications, etc.			✓
SERVICES		HVS		HVI
User assistance (office hours / evenings)		●		●
Migration		●		●
OTHER RELATED SERVICES		HVS		HVI
Desktop availability (mandatory for Cloud Business Apps)		See « Cloud Desktop »		
Business applications		See « Cloud Business Applications »		
E-mail		See « Cloud Mail »		
Additional backups & retention plans		See « Cloud Backup »		

* Infrastructure = underlying infrastructure, not including the internal functioning of virtual machines or their related services.