Labgroup
Your documents. Your data.
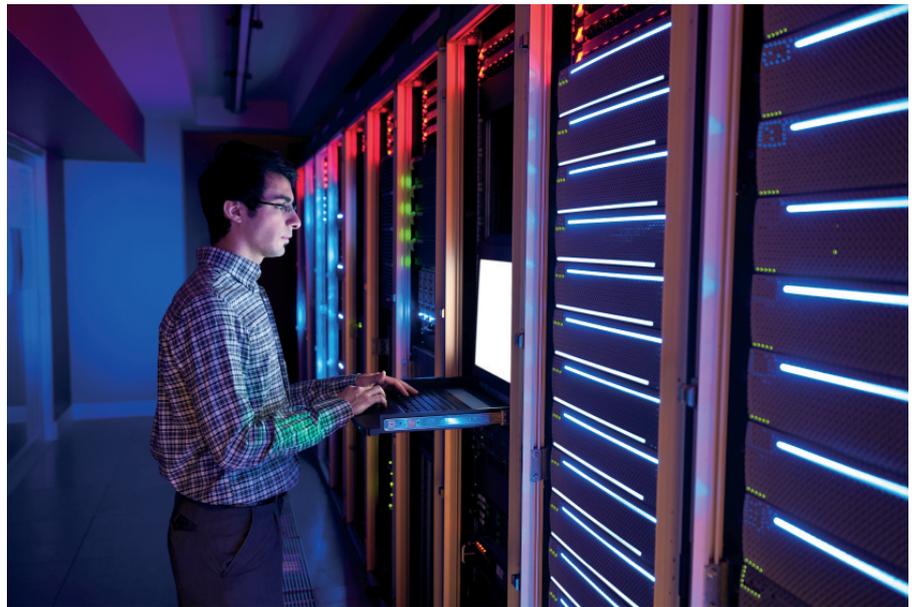*Our business.*

› Cumulus
FLEXIBLE, SAFE AND TAILORED PRIVATE CLOUD SOLUTION

› Keeping pace with today's fast IT infrastructure requirements is becoming more and more difficult. Due to ever increasing complexity, the main IT investments of businesses are allocated in maintenance, not in R&D.

Dealing with short customer response times and the permanent need to reduce costs, IT departments must find new ways to adapt.

Cumulus, Labgroup's Cloud Computing solution, dramatically reduces IT complexity by using server resources in a virtual infrastructure. This infrastructure can be used on demand and as a service (IaaS).

Cumulus provides flexible resources (networks, servers, storage, software and services) via a network connection (web, private network) and is easily accessible, on demand, anywhere.

Our services require only a minimal effort to be deployed, updated and deleted.

Main benefits

› **Modularity**
Possibility to easily adapt the infrastructure to the client needs
› **Reliability**
Redundancy architecture on our data centers, PSF certification, and trusted IT partners (VMware, Datacore, Citrix, Nexsan, Dell, Juniper).
› **Efficiency**
Best IT equipments and expertise while reducing infrastructure costs
› **Security**
Infrastructure security (restricted building access, fire control), safe architecture (high availability of the electrical and communication network, cooling machines), highly secure data access (firewall, antivirus), maintenance and data/system recovery.
› **Expert support**
Systems under technician control 24/7
› **Service Desk**
Available every business day, in 5 languages

Flexibility

The architecture is based on Labgroup's know-how: our service goes from virtual machine allocation (IaaS) to the complete IT integration within the cloud (PaaS). For each project, a specific solution is discussed with the client in order to define the best suited architecture.

Our cloud solution offers:
› Labgroup's IT infrastructure (buildings, racks, supply, cooling...)
› Private and secure network (VLAN) with "High available" redundancy (switches, firewall, VPN-SSL), operated by Labgroup.
› Connectivity (High Availability Internet access and Meshed Internet).
› Physical servers (Blades) or virtual machines (VMware)
› Duplicated storage units
› Backup solution (ServerProtect)
› Licences (VMware, Microsoft, TrendMicro, Citrix...)
› Operating Systems (Microsoft, Linux)
› Middleware and RunTime softwares
› Client softwares and services (Anti-Spam, DNS, RIPE)

Labgroup offers complementary solutions as the IT architecture validation by our engineers, the cloud deployment, the network and hardware management, the patch management, the system security (antivirus, antispam), the online backup, the system recovery and the archiving system.

www.cumulus.eu