Cloud Solutions
for your business

keliweb
[CLOUD SOLUTIONS]

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Keliweb

Keliweb was born in 2009 providing **solutions at the cutting edge of technology** both for companies and individuals in need of innovative tools to manage and launch their projects online.
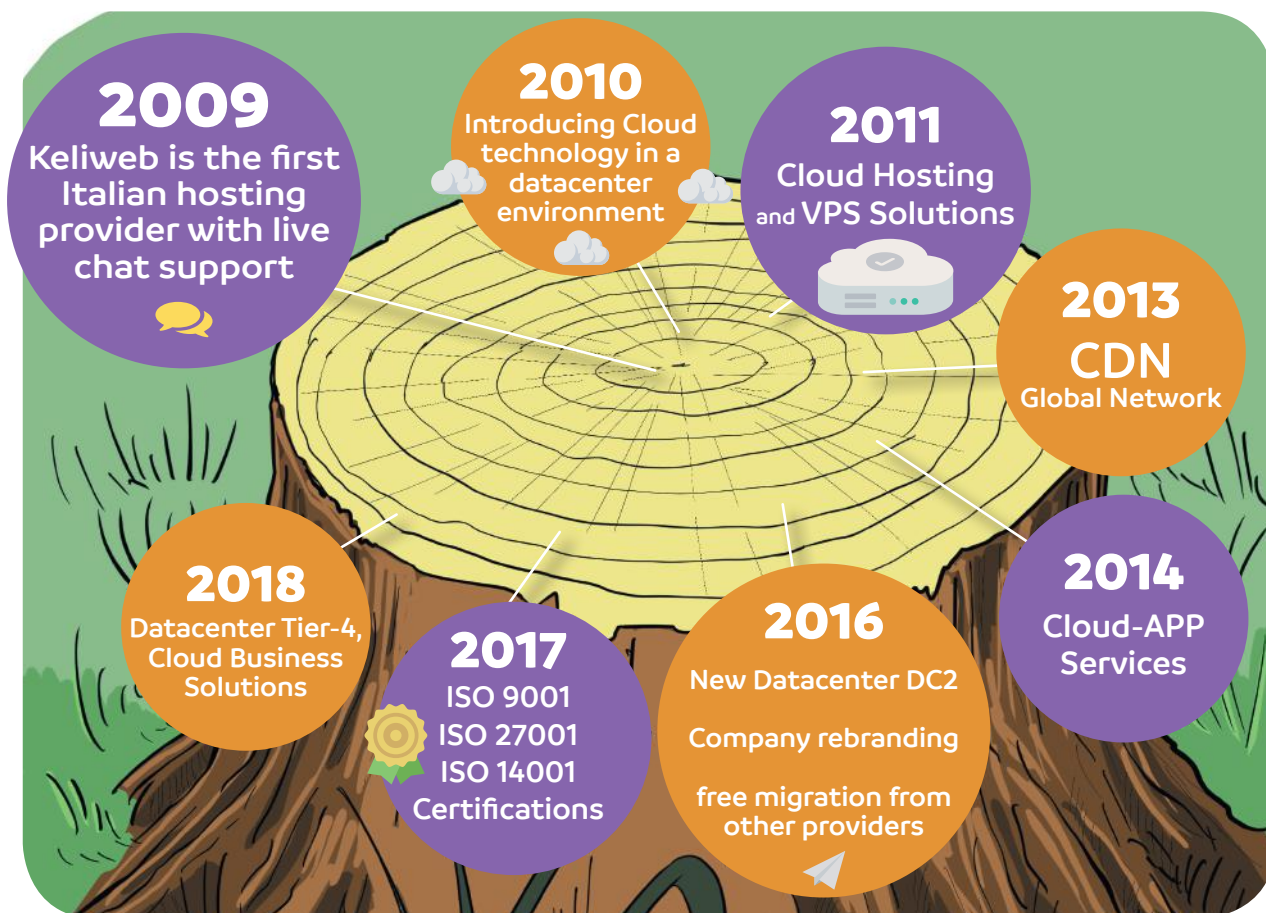
Since the very beginning, our company launched extremely innovative products becoming one of the most influent web services providers in Italy.

Keliweb was the first Italian provider to introduce live chat support (2009), Cloud technology, such as Cloud Hosting and Cloud VPS (2013), and CDN service (2013).

In May 2016, the opening of our **new Datacenter DC2**, gave us the possibility to empower all our services such as dedicated servers, housing & colocation and, above all, Advanced cloud solutions.

In 2017 Keliweb achieved the **9001, 14001 and 27001 ISO Certifications** and in 2018 it became **Tier-4 standard** compliant, launching business oriented Cloud solutions (such as Virtual Datacenter, contain Server, Load Balancing and Autoscaling).

Today, Keliweb mission is to put our customers at the heart of "**Keliweb experience**" and work to support them in managing their projects at their best, creating custom solutions for their business.

2009 Keliweb is the first Italian hosting provider with live chat support

2010 Introducing Cloud technology in a datacenter environment

2011 Cloud Hosting and VPS Solutions

2013 CDN Global Network

2014 Cloud-APP Services

2016 New Datacenter DC2 Company rebranding free migration from other providers

2017 ISO 9001 ISO 27001 ISO 14001 Certifications

2018 Datacenter Tier-4, Cloud Business Solutions

Our services

Dedicated solutions

We provide our customers with high-performing dedicated services, using **last generation Enterprise Hardware** designed for Enterprise 4.0.

Support

Our Team provides support 24/7/365, Sundays included. Our systems are constantly supervised and we guarantee a full business continuity with proactive support.

Cloud

Our Cloud infrastructure provides a **virtualized environment** useful for several activities, such as management software, e-commerce and other CMS, in need of **scalable solutions.** Our Cloud services allow the customers to manage their resources easily and to outsource everyday applications (Software as a service), applicative stack (Platform as service) or data processing services (Infrastructure as a service).

Keliweb provides custom business services for all companies.

Commercial coaching

We wish to create a long term "**win to win**" partnership with our customers.
We provide sales support via e-mail, chat and telephone and we're ready to design a perfect dedicated solution for your needs.

10 years
of innovation, dedicated support and high performances for **Enterprise 4.0**

HOSTING

CLOUD

DEDICATED SERVER

HOUSING

CDN

keliweb
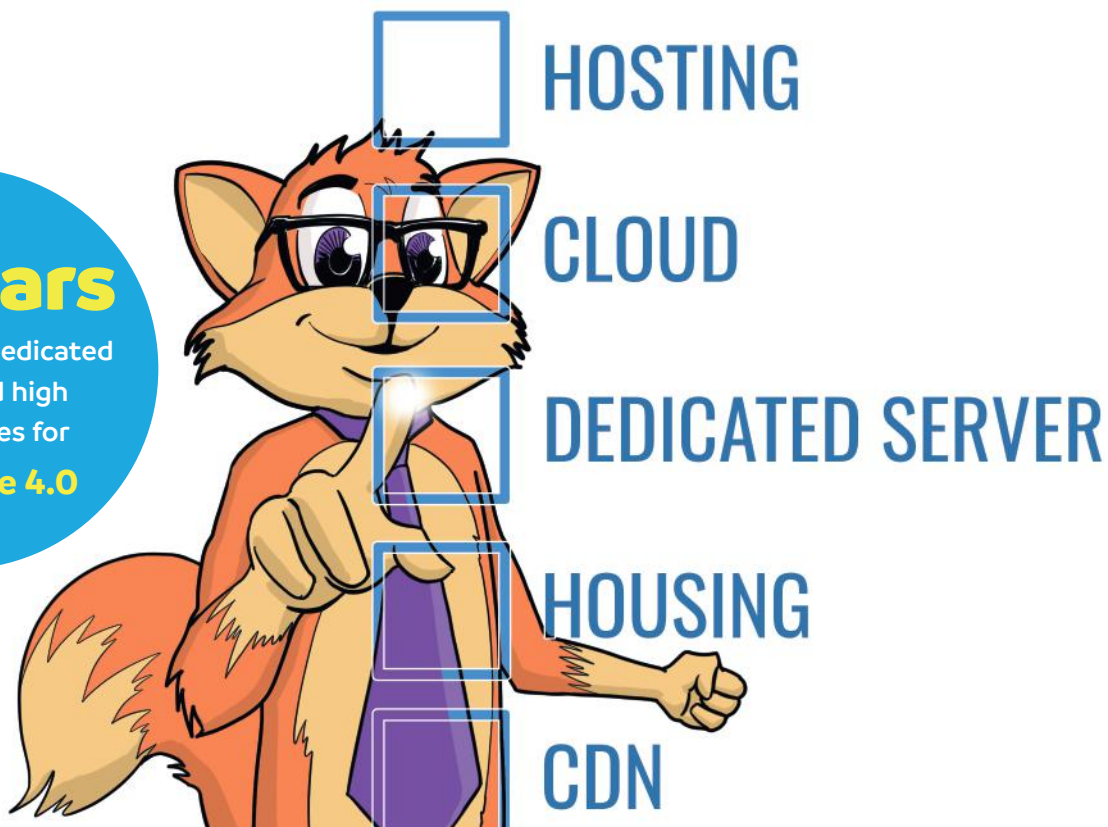
Datacenter

Our new Datacenter DC2 provides our customers with new advanced services.
Our servers are placed in a **Tier-4 standard compliant infrastructure** at the cutting edge of technology, offering the **highest level of security and reliability.**

Features:

☑ SLA up to 99,99%;

☑ Multi-carrier connectivity on redundant optic fiber;

☑ Anti DDoS protection provided in cooperation with the connectivity operators and Arbor Network, worldwide leader in mitigation against external attacks. In addition, Condor Guard system allows us to provide our customers with a multi-level security system against any kind of DDoS attack;

☑ Triple electric redundancy guaranteed by Power center, ups and generators;

☑ Drive shredding system and permanent erasure of data to protect our customers' privacy.
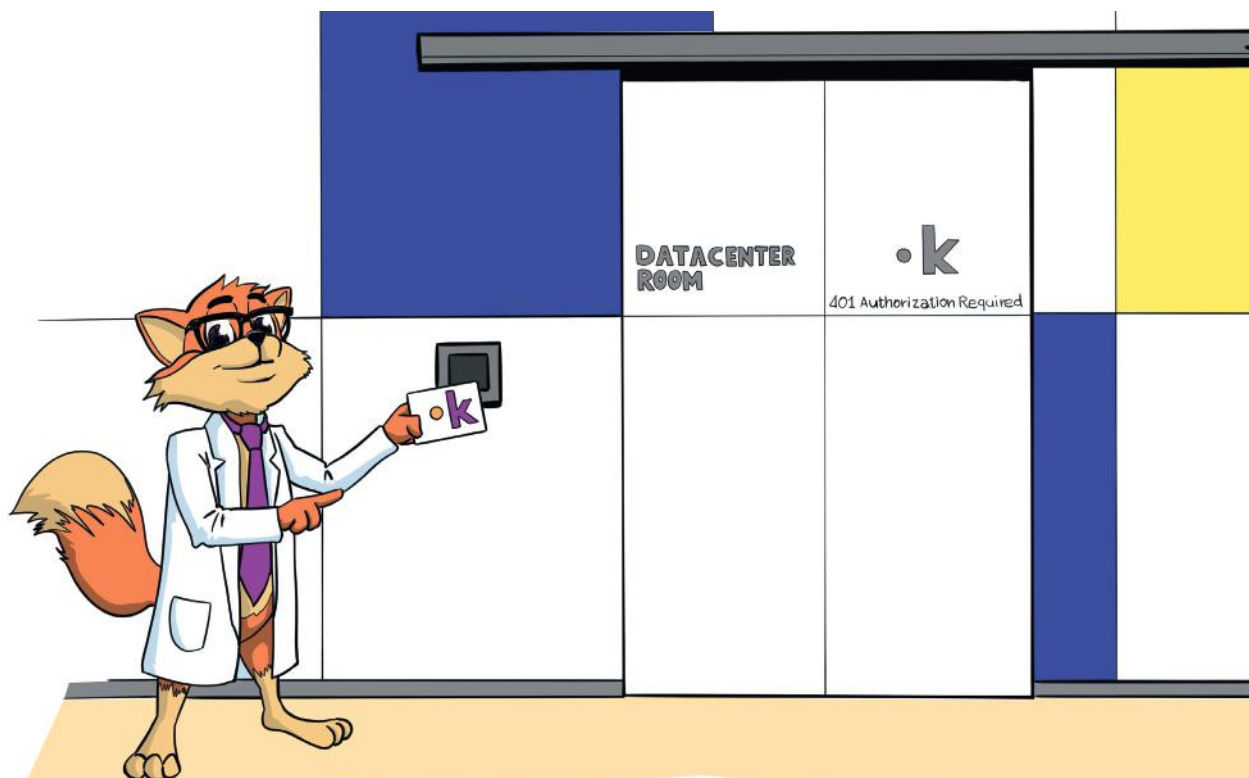
Our infrastructure is provided with anti-intrusion security system and supervised 24/7 by a video-surveillance system with digital storage. Only authorized personnel can access our systems and the access control is compliant to the highest standards.

- Burglar Alarm CEI EN 50131-3:2009;
- Security Level 3 EN50131-13:2009 + A1:2009;
- Anti-cloak function (50131-2-4 statement);
- Surveillance Systems: CCTV CEI EN 50132;
- Access control systems: CEI EN 50133;

- Social alarm systems CEI EN 50134;
- Alarms transmission systems and devices CEI EN 50136;
- Integrated alarms systems CEI EN 50137;
- Monitoring and alarm receiving centers CEI EN 50518.

Datacenter DC2 guarantees the highest level of reliability and business continuity according to **9001, 14001 and 27001 ISO Certifications**.
Certified Processes: Design and providing of Cloud computing and cloud storage services, Hosting, Housing & Colocation, E-mail, Domains, Security and Disaster Recovery.

The structure is provided with anti-fire and antismoking systems and the climatic conditions are regulated by the **Dynamic Free cooling system** (according to ashore 2017).
Our datacenter is **eco-friendly** thanks to our photovoltaic plan and its energy efficiency reaches a 1,298 PUE (Power Usage Effectiveness).
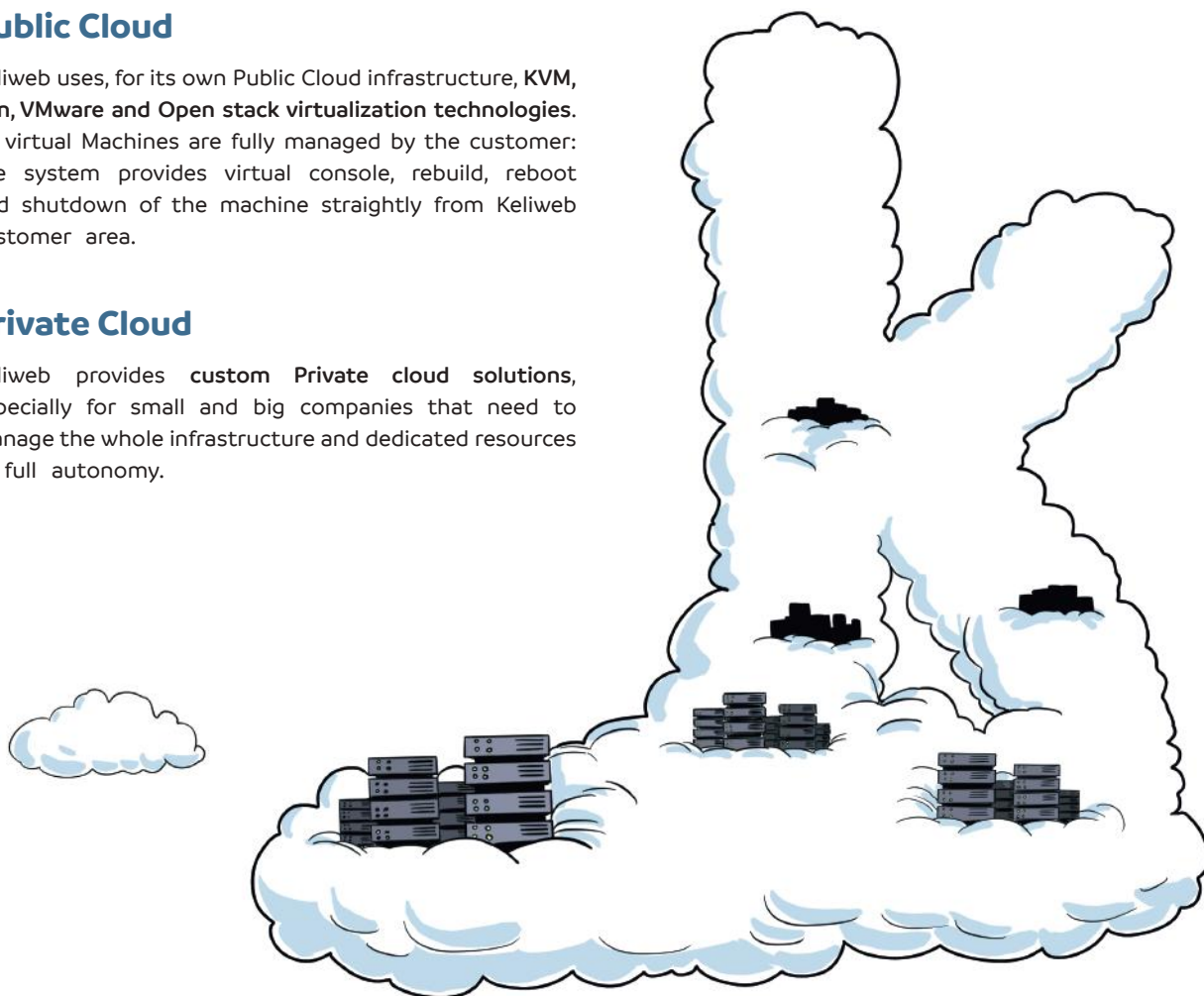
Cloud

Public Cloud

Keliweb uses, for its own Public Cloud infrastructure, **KVM, Xen, VMware and Open stack virtualization technologies**. All virtual Machines are fully managed by the customer: the system provides virtual console, rebuild, reboot and shutdown of the machine straightly from Keliweb customer area.

Private Cloud

Keliweb provides **custom Private cloud solutions**, especially for small and big companies that need to manage the whole infrastructure and dedicated resources in full autonomy.

Cloud Federation

Our Datacenter is part of one of the **greatest Cloud global networks**, in partnership with one the most popular player worldwide, **OnApp**.

This partnership, which is part of a Cloud federation where it's possibile to find a collection of resources available for all ISP (Internet service provider), allows us to create and release **localized VPS all over the world**. These VPS can be managed from Keliweb customer area even if they're not physically in the Datacenter.

These services are perfect as **backup solutions** or to process custom mirroring configurations in countries far away from the main server.

VPS Cloud

A Virtual Private server provides the customers with a high-performing and scalable dedicated environment

A VPS can be managed via console (Linux) or Remote Desktop (Windows) straightly from Keliweb customer area.
The customer is in **total control**, using an administrator profile with a root access via SSH, in Linux solutions, or a remote desktop, in Windows solutions.
A VPS provides you with **unlimited traffic,** custom hardware configuration and autoscaling.

Dedicated Resources on Keliweb Cloud
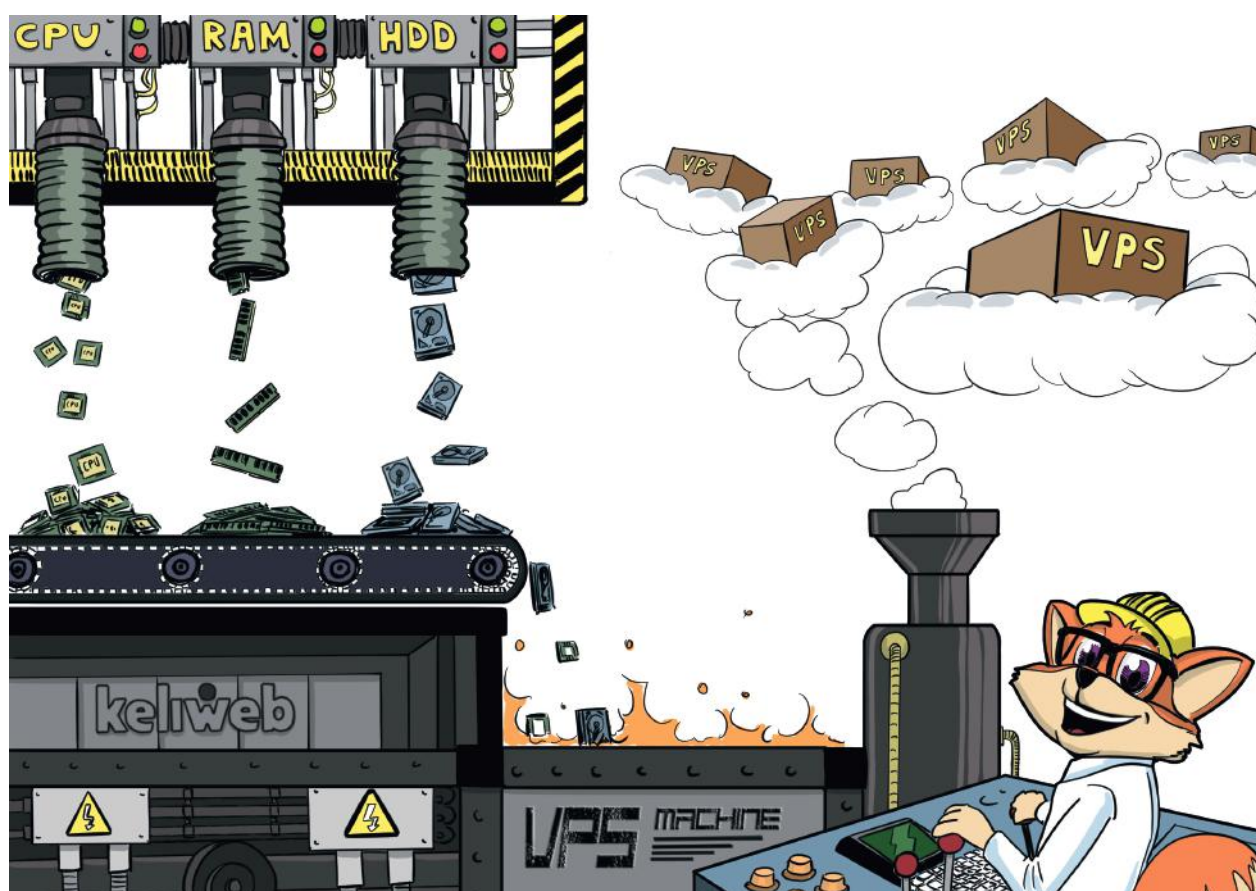
SCALABILITY AND
FLEXIBILITY

REDUNDANT STORAGE
ON SSD DISKS

ENTERPRISE HARDWARE
INFRASTRUCTURE

CUSTOM BACKUP
FREQUENCY

Cloud Storage

The best-performing service to store a great amount of data

Cloud storage solutions allow to store great amounts of data coming from applications, websites, company archives and devices (IoT).

This system allows the users to manage data such as videos, images, files at any time and place in full security.

Cloud Desktop

Your ready-to-use workstation

Cloud technology offers the possibility to use a **personal workstation worldwide at any time**. When a user chooses a Cloud desktop solution he will be provided with a root access to his own custom machine and be able to **manage his business (such as Trading online, CRM or others) remotely.**

This solutions **bring down the management and hardware maintenance costs,** encouraging smart working and facilitating the organization of all the events placed outside the company.

Cloud Backup

Custom Cloud Backup solutions guarantee a **total protection of your data** on any device (PC) and server (Windows/Linux).

You can manage, both in local and Cloud, your backup in **full autonomy,** using a dedicated control panel: once you've set the backup, the system will work automatically with an incremental solution, to save space and optimize your bandwidth use.

All data are encrypted while the transmission is in progress.

The best reliable solution for **automatic backup:** for server and VPS, companies and PA.

Protect Your Data in Full Security
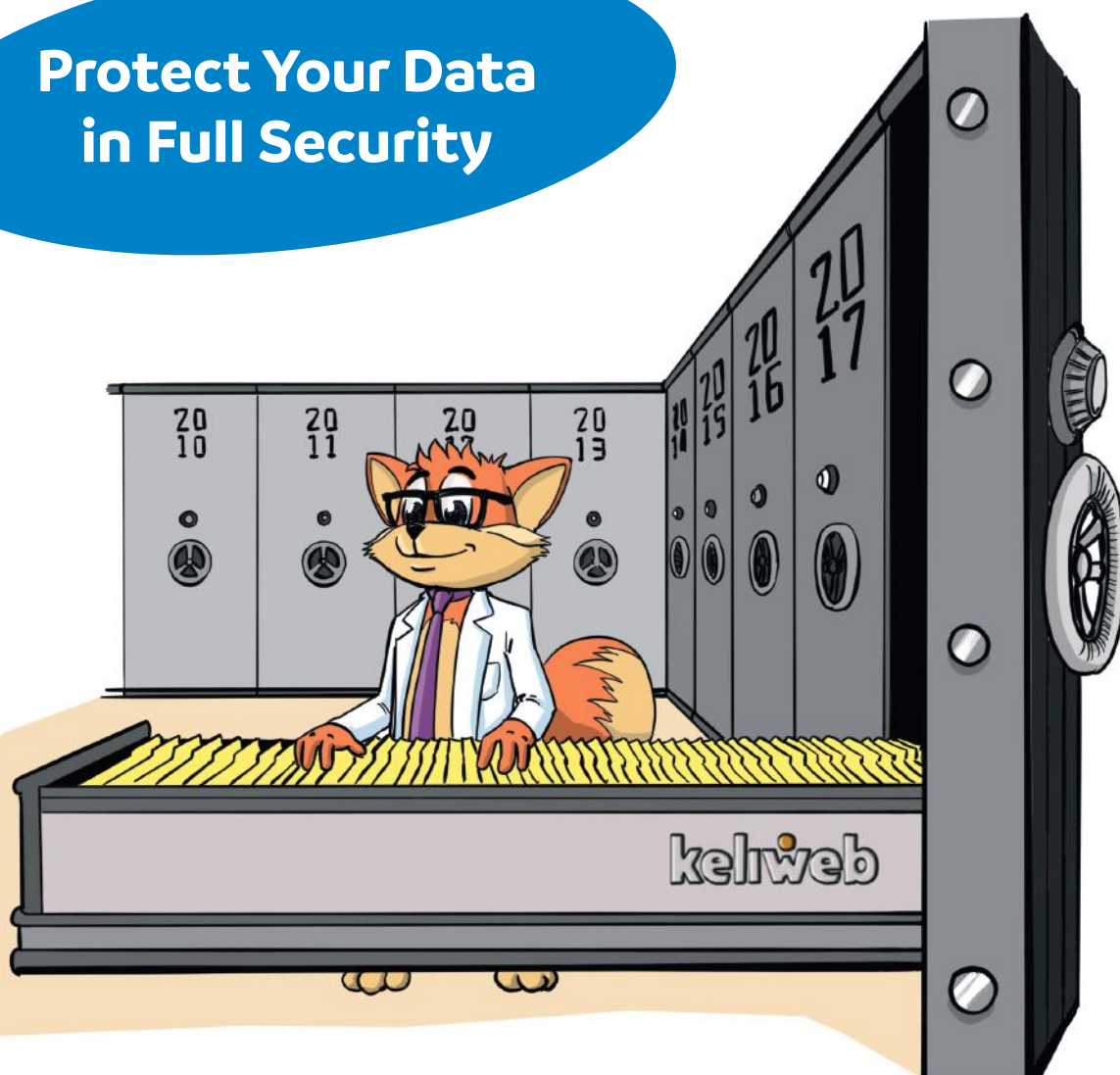
Virtual Datacenter

Bring down the costs choosing a virtual datacenter: for small and big companies in need to manage a scalable and flexible structure in full autonomy
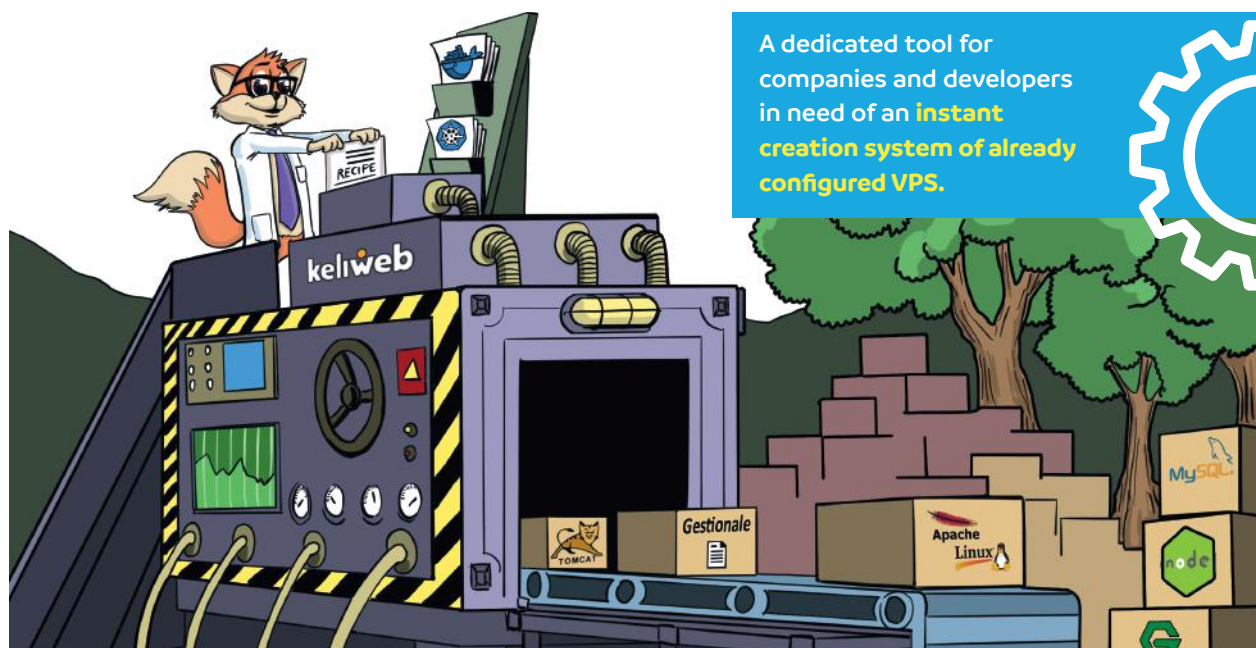
A virtual Datacenter takes **advantage of Cloud's power and scalability.** It's a Iaas service providing on-demand computing and allowing the exploitation of virtual resources **only when required.**

This solution offers the possibility to create **Static virtual machines (VM), dynamic virtual machines (MVD)** and local networks between them, to set network policies and independent firewalls with a single control panel.

Container Server

A VPS usually requires a custom configuration. With a container Server using Docker, Kubernetes or other platforms, **you can make a deploy of an already configured virtual machine** with a low level of maintenance.

The operation is processed in a few seconds, providing you with a custom configuration and the optimization of all resources.

A dedicated tool for companies and developers in need of an **instant creation system of already configured VPS.**

PaaS and SaaS Solutions

Keliweb sets, with the PaaS (**Platform as a Service**) solutions, the infrastructure for the customers' services as they takes care of the management of their own applications. With SaaS solutions (**Software as a Service**), otherwise, the management of the applications is supervised by our team that provides a multi-tenant architecture, letting the users take advantage of the applications by using a browser as interface.

Software Defined Storage

This kind of Container Server allows to have both hardware and software for storage on separate solutions, guaranteeing a **better management of resources.** In addition, a faster and reliable provisioning is available to guarantee **more efficient Snapshot backup solutions.**

Load Balancers and Autoscaling

The perfect solutions for websites and applications **in need of short-term resources,** such as seasonal website or blogs that generate high traffic for a short period of time.

One of the main advantages of Cloud is its scalability, **to enlarge or decrease a VPS resources at any time.** The Autoscaling solutions provides the users with a greater availability of resources for a short period of time and permits to pay just for their real use.

The **Scaling** of resources can be both vertical, increasing any single VPS resources, and horizontal, adding VPS automatically in Load Balancing.

Load Balancing allows to optimize resources, maximize computing power and decrease response time, avoiding overload.

Keliweb can set both Load Balancing and autoscaling automatic solutions.

In case of Load Balancing the system generate VPS automatically. They are going to be **interconnected**, used by the customers'a applications and then destroyed when they're not required anymore.

VPS importation in OVA

The perfect solution to **renew your Cloud**

This service brings down the migration costs and allows the virtual machines' transfer in full security.

Keliweb Cloud is based on a technology which provides the importation of VM in OVA (Open virtualization format) starting from **any virtualization system** (VirtualBox, VMware, XenServer, OracleVM, IBM SmartCloud, RedHat EV and many more).
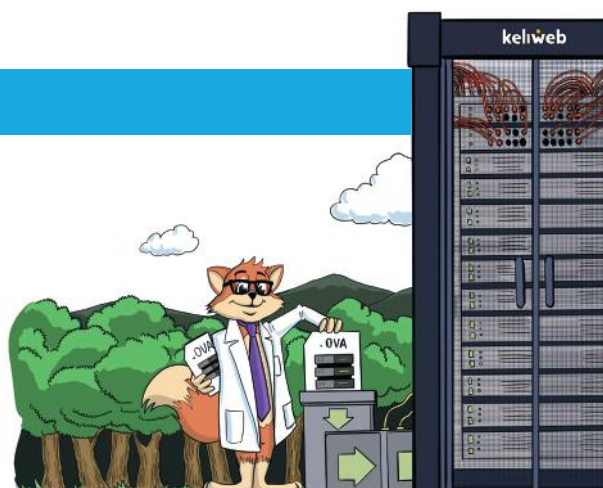
Dedicated Servers

Dedicated servers for companies looking for last generation hardware resources and autonomy in managing their web applications.

Dedicated Servers are the perfect choice for who needs to manage web applications **in full autonomy**.

Any dedicated server is composed by **high-performing last generation enterprise hardware.**

Business Start Servers

Dedicated Machines for web agencies and small companies needing dedicated hardware and high performances provided by last generation **Intel/AMD CPU and SSD disks,** connected to 100 Mbit/s flows.

ALL BUSINESS START SERVERS PROVIDE:

- ☑ Full control via KVM on web, reboot, shutdown, monitor and remote boot ;
- ☑ IPV4 and IPV6 dedicated IP;
- ☑ Dedicated tech support 24/7/265 and live monitoring for all services;
- ☑ Single CPU and SSD Hard Disk in RAID 1 (mirror);
- ☑ 99,99% guaranteed uptime;
- ☑ Unlimited traffic.

Business PRO Servers

Dedicated machines for medium and big companies needing dedicated hardware. This service guarantees high performances provided by **last generation Intel Xeon/AMD EPYC CPU and SSD Hard Disk** advanced configuration with Gbit/s flows

ALL BUSINESS PRO SERVERS PROVIDE:

- ☑ Full control via KVM on web, reboot, shutdown, console, monitor and remote boot;
- ☑ Full management of remotely configurable Virtual Media;
- ☑ IPv4 and IPv6 dedicated IP;
- ☑ Dedicated tech support 24/7/365 and live monitoring of all services;
- ☑ Single or Double CPU and SSD Had Disk in Raid 1 (mirror), RAID 5 or RAID 6;
- ☑ 99,99% guaranteed uptime;
- ☑ Unlimited traffic.

CDN Content Delivery Network

The CDN (Content Delivery Network) is a connection of servers working to **replicate websites' static contents** (such as images, css files, java scripts) with the same speed in any corner of the world.

The CDN increases your website's performances at their best. The static contents are **replicated on any Pop Server of the net, speeding up your website in any corner of the world,** empowering your relationships with your international users, decreasing uploading time and gaining a better positioning on search engines.
As long as the CDN is active, when a user requires a content, connecting to a website (belonging to Keliweb CDN), it will be provided by the server placed in the closest area to the user's position, **improving performances** and speed in any area of the world.

WAF: Web Application Firewall

Keliweb CDN plans include the Web Application Firewall (WAF) which **monitors, filters or blocks malicious traffic** to/ from a web application, inspecting every HTML, HTTPS, SOAP e XML-RPC data packet to prevent attacks such as cross- site scripting (XSS), SQL injection, session hijacking and buffer overflows.

Legend:

- Main Server
- PoP Server
- User
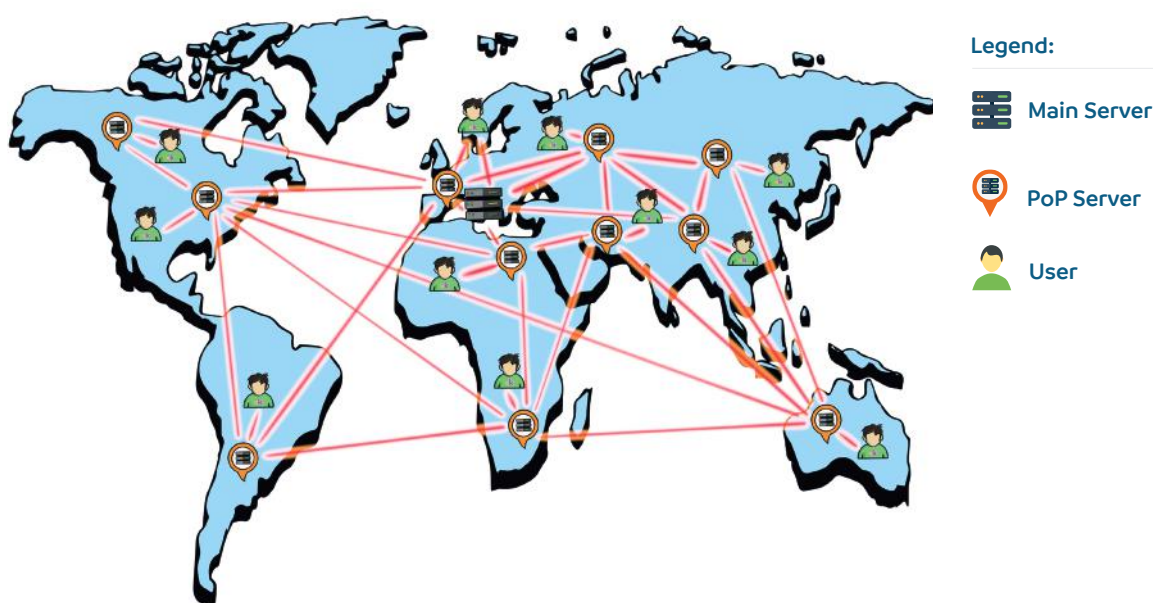
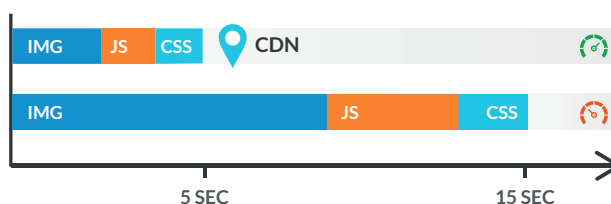**Increase the performances of virtual infrastructures hosted in Cloud and speed up your websites all over the world.**

Status:	Downloading time:	Performance:
Active CDN	IMG JS CSS ● CDN	**High speed**
Not active CDN	IMG JS CSS	**Low speed**

5 SEC   15 SEC

Monitoring & Managed Assistance System

Keliweb designs custom hardware configurations in **cooperation with the Custome**r who can customize his own machine on hardware level with additional options, such as dedicated hardware firewall and scheduled backups.

Our team will take care of the initial systems' configuration and of the optimization of already existing solutions, to improve any service or application's performance.

Thanks to our know how and our partnership with other European data centers we are able to implement geolocalized solutions and mirroring configurations to guarantee business continuity.

Let our Team Manage Your Server

When a customer chooses a dedicated solution (such as server and VPS), he can choose to add to the plan the **Managed option** that allows our team to supervise his server's management.

Managed Basic Solution

The basic support provides you with tech support in case of hardware malfunctioning or continuity disservice. All support requests are managed via ticket system with a **10 minutes response time.**

Managed Business Solution

The advanced support, **Managed Business**, provides you with initial optimization of the solution and hardening, proactive intervention and full systemic management of the machine, VPS or Dedicated Server, using a constant monitoring. Designed for all companies looking for a **constantly online service and priority support.**

Housing and Colocation

Place your servers in a last generation datacenter for your **business continuity.**

The Housing service allows to **host the customer's machines** and hardware in our Datacenter DC2.
Keliweb provides Housing and Colocation services for any type of machine with custom configuration in terms of connectivity, **IP resources and electric power.**

Professional solutions offering **unlimited traffic,** for companies that need to bring down maintenance costs.

Service features:

☑ 99,99% SLA with a TIER-4 standard classification, released by 2014 ANSI/TIA- 942;

☑ Multi-carrier connectivity on redundant optic fiber;

☑ Anti DDoS protection provided in cooperation with the connectivity operators and Arbor Network, worldwide leader in mitigation against external attacks;

☑ Triple electric redundancy guaranteed by Power Center, ups and generators;

☑ A skilled team ready to support you in managing your machines.

keliweb

Customers Portfolio

We are committed to constantly improve our skills, so to be chosen by all those companies that identify the web an enabling factor to improve their performance and are looking for a reliable partner to accompany them successfully along this path.

Below a selection of clients served by our infrastructure. Discover how Keliweb services can improve your business!

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