CCA
CLOUD CENTER
Andalucía

YOUR SECURITY CLOSE TO YOU

WHAT IS CLOUD CENTER ANDALUCIA?

It's the region's biggest Neutral Data Center. A space that holds the necessary technology resources to process, store and guard information systems securely, flexibly and efficiently.

Its characteristics in matters of communications, security and energy supply, as well as the presence of a highly qualified team of professionals, provides companies that store their services here with all of the necessary technical resources in an optimum physical and virtual environment that **guarantees the continuity of your business in a more competitive and profitable way.**

That's what we've been doing in **Cloud Center Andalucía** since its creation in 2012.

WHAT DOES CCA OFFER YOUR BUSINESS?

Maximum security, connectivity, scalability, innovation and cost saving.

Factors that translate into **trust and peace** of mind for any business that understands the need for technological competitiveness in an ever more demanding environment.

SEGURITY   CONNECTIVITY   SCALABILITY   INNOVATION   COST SAVING

REASONS
to choose Cloud Center Andalucía

Security

We put the technological security your business needs within reach for it to grow, because it guarantees the continuity of its present and improves its future.

Benchmark

It's one of the technological benchmarks for data centers in the South of Spain due to its capacity and innovation, and **the biggest Cloud service provider in Andalusia**.
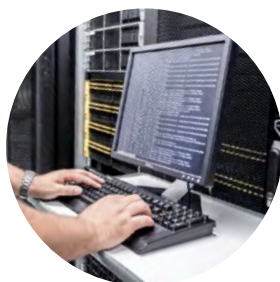
Facilities

The **infrastructure and strategic location** of CCA makes it the ideal place to store the most valuable assets of any business: **information systems.**

Made-to-measure

We offer you high availability and scalability A 'made-to-measure technology suit' that **will permit your IT structure to grow at the same rate as your business**.

Accessibility

You'll be able **to access your business from anywhere at any time**, without 'drops' in the connection, physical bonds or limitations of space or opening hours.

Uninterrupted support

CCA offers a **non-stop personalised support and care service**. If your business doesn't stop working 24 hours a day, neither does our team of professionals.

We accompany you along all the stages of your technological journey towards success

No complications

We carry out all the changes necessary to migrate your business to **Cloud Computing quickly, easily and without big changes** that affect your daily work.

Consultancy

We provide a consultancy service that will let you **detect in real time the technology project best suited to your true needs**.

Optimise your productivity

It increases the productivity of your business by letting you **dedicate all of your time, resources and efforts to your professional activity**, instead of solving IT problems.

WITH THE GUARANTEE OF THE

GRUPO TREVENQUE

an Andalusian company with over 25 years' experience in the Information and Communication Technologies sector, comprised of a team of over 100 highly qualified professionals, committed to your business process.

CHARACTERISTICS

Infrastructure

- Facilities with 1,000m^2 of surface area, providing space for 3,000 physical servers that can hold up to 90,000 virtual servers
- 30cm raised-access floor with high charge capacity and antistatic in all rooms
- Availability of space conditioned for collocation in 35 metre-high communications tower.
- VESDA fire detection systems, independent in each room
- Fire extinguishing system with 3M NOVEC 1230, independent in each room
- Fire resistant floors and doors, and intumescent bricks that triple their volume with heat, thus insulating rooms from each other in the event of fire

Electrical supplies

- Totally redundant facility with independent electrical switchboards
- Double UPS system, each with redundant N+2 configuration for the amplification stages
- 350,000 watt electrogen group for the integral functioning of the facilities in the event of emergency
- Double internal and external fuel tank, with total capacity of 3,400 litres and autonomy of 100 hours without refuelling.
- 24x7x365 emergency fuel supply service
- Electrical protection via galvanised insulation transformers for both supply lines
- Earth mesh under all of the raised flooring in the facilities
- Double 32A PDUs (redundant supplies) in each contracted unit (U's, half-racks, racks, cages and rooms), it being possible to request up to 2 x 2 32A PDUs per Rack

Security

- Perimeter and interior alarm system
- Video surveillance system with intelligent image analysis
- Biometric room access control
- Latest generation Check Point firebreak service

Climate control

- Climate control system via Stulz CyberRow water-cooled units, in N+1 redundant configuration.
- Cold air impulsion at three levels with a constant temperature of 21 degrees, meaning effective climate control and efficient energy management
- Exterior climate control units in N+2 configuration
- Climate control water impulsion pumps totally redundant in quantity and electricity supply
- Overpressure filtered air system in technical rooms to eliminate dust particles

24x7 monitoring

Physical systems:

- Temperature and humidity controlled by zones and rooms
- Electrical consumption meters by zones and systems
- UPS control, status of each component, temperature of each battery and each inverter"
- Electrogen group, status of each element in the group, level of fuel and all variables
- Electricity distribution switchboxes in rooms, customer consumption measurement (MPDU)
- Climate control systems, status of each cooler and each interior Stulz CyberRow unit

- Status of VESDA fire detection systems
- Intelligent PDUs
- Status of 3M NOVEC 1230 fire extinguisher systems
- Status of Overpressure Systems

Logic systems:

- Availability of each service (SMTP, POP, HTTP, HTTPS, etc.)
- Use of each resource (CPUs, RAM, Disk, etc.)
- Availability of each IT element (Routers, Switches, servers, etc.)

SCADA system

- Automates the control and supervision of the functioning of the climate control systems in the rooms and the Data Center electricity supply, guaranteeing the availability and quality of its services and achieving maximum energy efficiency
- This security and efficiency make our data center one of the most competitive in Spain

SERVICES

Collocation
Security and cost reduction

This service is ideal for businesses that have their own physical servers but don't want to worry about their management, without renouncing control over everything.

That is, you get piece of mind by locating your machines in an efficient environment, where in addition to electricity savings, you guarantee the maximum security and availability of the servers and their optimum maintenance in professional hands.

And we also adapt the rental of the space to your needs. (U's, racks, cages or rooms).

Dedicated Servers
Maximum independence

For businesses that in addition to seeking maximum privacy and security also want maximum independence, being able to choose their own hardware/software configuration.

This service will allow access to exclusive resources (performance, power and speed), at 100% capacity without restrictions.

Ideal for projects that demand an extremely exhaustive and personalised control.

Cloud Services
The most versatile solution

We put the base infrastructure (virtual servers with 100% guaranteed resources, networks and data storage) you need at the disposal of your business at each moment, giving you on-demand service scalability.

It is therefore the most flexible and comfortable solution, as it adapts to your work volume like a 'made-to-measure suit'. If you grow, we grow with you, offering you the computer capacity you require, paying only for what you need.

ISP
Your internet service provider

Cloud Center Andalucía wants to be your Internet service provider, to give you everything necessary (domains, hosting and security certificates) for your business to always be connected and enable you to access its management and information from anywhere, comfortably and at the highest speed possible.

Because working more efficiently and quickly increases your business productivity. If, as well as having a provider close by who you can trust, who answers your calls, then piece of mind is also a productive factor.

⊕ Complementary services:

24X7x365 emergency service, replication of systems in other remote processing centres, administration of servers, communications and firewall configuration.

Non-stop solutions
Data protection and recovery

We have a series of made-to-measure products and solutions to ensure the continuity of your business, protecting your corporate data: from our Online Backup service, which deals with making automatic copies of your work and controlling the critical information you store on servers and equipment, to a disaster recovery plan, guaranteeing that your company won't stop working in the face of critical circumstances (natural disaster, human error, sabotage, etc.)

We provide you with a team of experts who will give you the solution most suited to your needs.
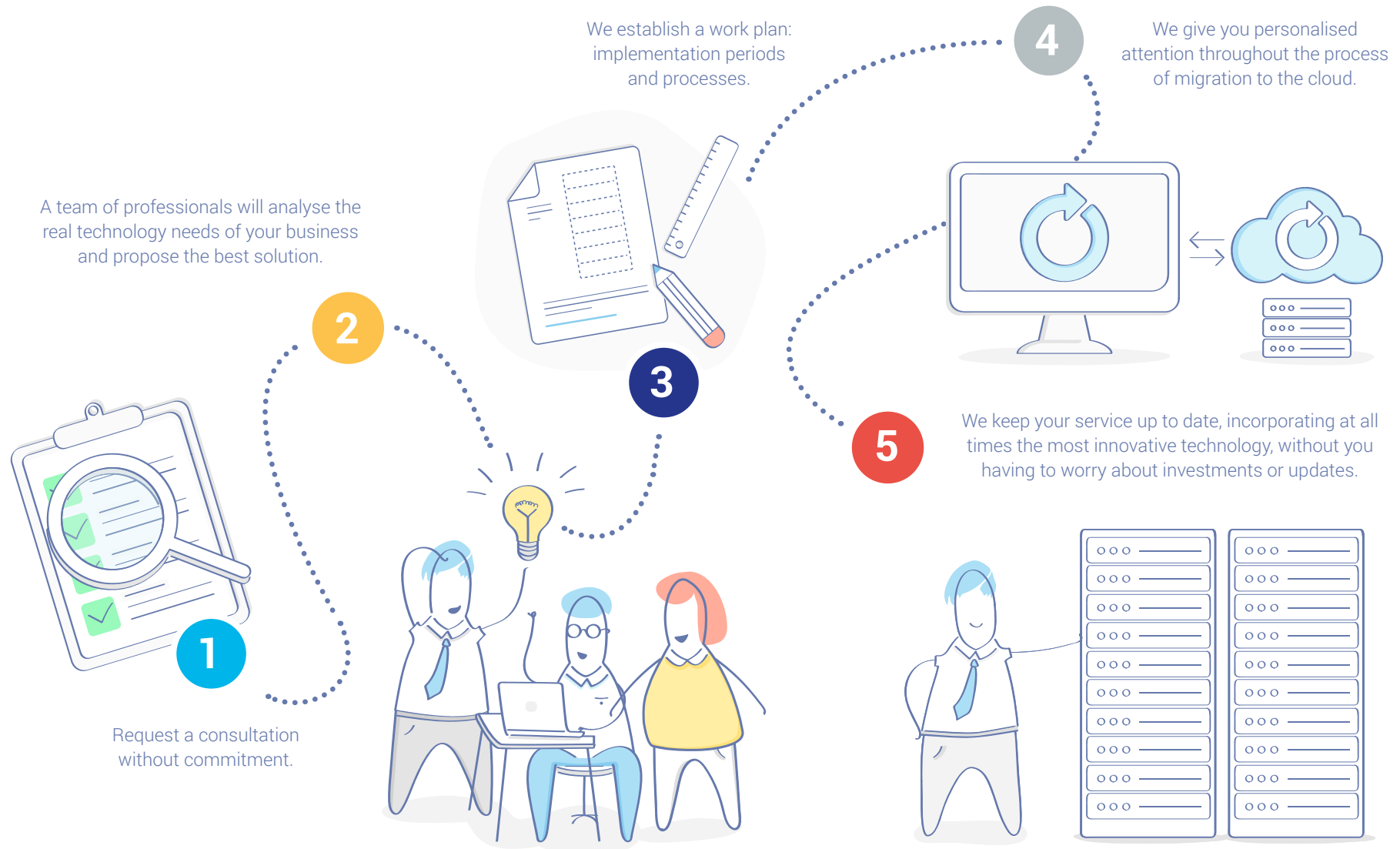
Communications
Your connection against the unexpected

The Cloud Center Andalucía Communications department will ensure your business is always connected, no problems, no interruptions.

• **Visibility**. To make you accessible from any corner of the Internet, we simultaneously connect you with IPv4 and IPv6.

• **GT-Net**. Integrally and efficiently manages your Internet and Intranet connection. This personalised service guarantees you security and total control over flow, initially favouring priority traffic.

• **Radiolink**. We provide a direct connection to your private data center or the Internet at the highest speed with the lowest latency.

• **Latest generation firewall**. We give you the web visibility you need, but without risks, protecting your resources from threats and advanced malware.

• **Collocation**. For businesses wishing to use our 35-meter high tower for their antenna or telecommunications equipment.

GET ON THE CLOUD

We establish a work plan: implementation periods and processes.

4

We give you personalised attention throughout the process of migration to the cloud.

A team of professionals will analyse the real technology needs of your business and propose the best solution.

2

3

5

We keep your service up to date, incorporating at all times the most innovative technology, without you having to worry about investments or updates.

1

Request a consultation without commitment.

THEY ALREADY TRUST CCA

"

We were looking for the maximum security and high availability for our technology infrastructure. At Cloud Center Andalucía, we've found it"

Rafael Cortés
Resource and Finance Manager

"

Having a team of professionals who give us personalised support creates great trust and assurance"

Juan López Cruz
Systems Manager

"

CCA gives us security, competence, experience and flexibility. We have permanent support and service. Now problems are solved immediately, whereas before they weren't"

Alfonso Moleón
General Manager

"

The professionals they have in each department are excellent and the 24x7x365 service is really important, as the response is immediate when the needs are urgent"

Antonio Camas
Head of IT

CLOUD CENTER
Andalucía