

TECH BRIEF

Business Continuity as a Service

Very low latency solutions thanks to technology campuses
with independent data centers

aruba.it
ENTERPRISE

Business Continuity as a Service: what is it?

Business Continuity is the ability to keep a business operational following events that compromise the provision of the service: it is the set of processes that ensure the continuity of business operations.

Business Continuity solutions are structured in such a way as to **guarantee the availability of services** in the event of a failure of one or more components of the IT infrastructure.

Thanks to the **technology campuses in Bergamo, Rome and Arezzo**, Aruba Enterprise provides **Business Continuity as a Service solutions**, designed with **RPO equal to zero and RTO close to zero**, managed and maintained every step of the way, for mission critical environments that cannot sustain prolonged service interruptions.

Business Continuity as a Service: key concepts

When defining Business Continuity solutions, **RPO and RTO** are of paramount importance.



RPO (RECOVERY POINT OBJECTIVE)

The maximum misalignment that you are willing to tolerate between the environments that define the infrastructure.



RTO (RECOVERY TIME OBJECTIVE)

The time needed to restore the operation of services following anomalies or serious events.

Business Continuity as a Service: infrastructures

Aruba technology campuses host **multiple, separate data center buildings** just a few dozen to several hundreds of meters from each other, which means that very low latency **Business Continuity solutions** can be established, with IT environments distributed across multiple buildings, **RPO=0, RTO very low or zero**.

BERGAMO CAMPUS
Global Cloud Data Center (IT3)

AREZZO CAMPUS
IT1 and IT2 Data Centers

ROME CAMPUS
Hyper Cloud Data Center (IT4)



Business Continuity as a Service: how it works

Dedicated Cloud Infrastructure



Intra-campus design

Creation of an extended cluster between two fault domains at separate data centers within the same campus.



Hyperconvergence

Ability to base clusters on server groups that are scalable and resilient.



Synchronous replication storage

Traditional configuration with an RPO (Recovery Point Objective) of zero.

Virtual Private Cloud Infrastructure



Isolated virtual data centers

The two virtual infrastructures are located on the same campus but in separate data center buildings.



Integrated with Virtual Private Cloud

Fully integrated technologies, with the ability to use a single control panel.



Managed Services

Possibility of using Managed Services for ordinary management.

Business Continuity as a Service: use cases

5 application examples:



Mission critical

Ideal for ensuring continuity for your business and applications that cannot be interrupted or that can withstand interruptions lasting a few minutes.



Compliance

Many sectors demand compliance with stringent service continuity regulations. Implementing a Business Continuity solution means that you can certify processes and comply with regulations.



Partial disasters

The solution is not limited to ensuring business continuity in the event of unlikely large-scale natural disasters, but also more frequent scenarios with a limited impact (e.g. application anomalies, hardware faults, etc.).



Data sovereignty

Aruba Enterprise technology campuses ensure geographical location where data is stored.



Managed Services

Delegating the management of systems for Business Continuity to Aruba Enterprise releases the company from tasks unrelated to their core business and entrusts business continuity to a partner that specializes in systems and data management.

Business Continuity as a service: related services

Aruba Enterprise offers support when it comes to **preparing a Business Continuity plan** to meet the customer's needs, taking into account the risk analysis for relevant scenarios.

Following a thorough **requirement analysis**, **joint tests** are carried out, during which the customer's IT contacts will work together with the Aruba Enterprise operations department to create and **verify all the procedures**.

Would you like a dedicated solution for your business? Develop your project with us.

Our solution architect team works alongside companies to design complete, flexible and customized solutions to meet the most complex business needs.

Contact us

<https://enterprise.aruba.it/request-contact.aspx>



aruba.it
ENTERPRISE