

AC2000 Virtualisation

Virtual Environment Support

Features that make a difference:

- Enables AC2000 to operate within a VMware or VirtualBox virtual environment
- Cost Reduction through hardware consolidation
- Virtualise both AC2000 Servers (CDC's) and RTC's (Ethernet Controllers)
- Savings in power, space and cooling
- Tailor provisioning of processing power to the applications that need it, when they need it
- Optimize storage resources for data retention and archiving
- Improve availability and business continuity
- De-risks upgrade process - preserve current server as a fall-back
- Speeds up upgrade process - stage new VM servers in advance
- Hardware independence - possible to run older OS and software versions on the VM

Today more and more businesses are using virtualisation to reduce capital expenditure on hardware and upgrades, drive down IT costs and to increase operational efficiency, agility and the flexibility of their systems.

AC2000 can be supported within a managed virtual machine environment (e.g. VMware or VirtualBox). The AC2000 Server and RTC's (Ethernet Controllers) can be virtualised providing cost reductions through hardware consolidation and savings in power, space, and cooling

Server virtualization is a technology for partitioning one physical server into multiple virtual servers. Each of these virtual servers can run its own operating system and applications, and perform as if it is an individual server.

The main benefits of server virtualization are cost reductions by decreasing pc/server hardware, provision for disaster recovery, and the ability to allocate system resources purely through configuration rather than physical upgrades.

As it is easier to create a virtual machine than to set up a physical machine in the enterprise, AC2000 Servers and RTC's can be set up very quickly, and brought online and offline as required.

Please note that Failover/High availability can be provided by the virtual environment. Alternatively AC2000 Failover can be used.

Related Products



AC2000
AC2000 Airport

Installation Prerequisites for installing AC2000 on a Virtual Machine VM

Architecture – X86-64

Guest OS – Other 2.6.x Linux (64-bit)

Minimum memory

Small systems < 256 doors 1 – 2GB
Large systems > 256 doors 4 – 8GB

Minimum CPU cores

One (Maximum number of cores supported by AC2000 is four)

OS Disk type

Any

Minimum Disk Size

Small systems < 256 doors 20 – 50GB
Large systems > 256 doors 100 – 200GB

Number of NICs

One: Standalone system
Two: if using CEM Failover

Requirements

- AC2000 v8.0 and higher
- AC2000 Airport v8.0 and higher
- Managed VMware Virtual Environment
Tested with VMware ESXi 6.5