

SAFETY AND REGULATORY STATEMENTS



For more information on this product, visit www.VertivCo.com to download the user manual.

Safety Precautions

Please read all the following safety guidelines to protect yourself and your Cyclades™ ACS5000 or ACS6000 advanced console server.

WARNING: Do not operate your console server with the cover removed.

CAUTION:

- To avoid shorting out your console server when disconnecting the network cable, first unplug the cable from the host server, unplug external power (if applicable) from the equipment and then unplug the cable from the network jack. When reconnecting a network cable to the back of the equipment, first plug the cable into the network jack and then into the host server equipment.
- To help prevent electric shock, plug the console server into a properly grounded power source. The cable is equipped with a three-prong plug to help ensure proper grounding. Do not use adaptor plugs or remove the grounding prong from the cable. If you have to use an extension cable, use a three-wire cable with properly grounded plugs.
- To help protect the console server from electrical power fluctuations, use a surge suppressor, line conditioner or uninterruptible power supply. Be sure that nothing rests on the cables of the console server and that they are not located where they can be stepped on or tripped over. Do not spill food or liquids on the console server.
- Do not push any objects through the openings of the console server. Doing so can cause fire or electric shock by shorting out interior components.
- Keep your console server away from heat sources and do not block the host's cooling vents.
- The console server DC models are to be installed with a maximum 20 A listed circuit breaker or branch-rated fuse.
- The console server DC-powered models are only intended to be installed in restricted access areas (dedicated equipment rooms, equipment closets or the like) in accordance with Articles 110-18, 110-26 and 110-27 of the National Electrical Code, ANSI/NFPA 701, 1999 Edition. Use 18 AWG or 0.75 mm² or above cable to connect the DC configured unit to the Centralized D.C. Power Systems. Install the required double-pole, single-throw, DC rated UL listed 20 A listed circuit breaker or branch-rated fuse between the power source and the console server DC version. Minimum Breaker Rating: 2A. Required conductor size: 18 AWG or larger.
- To reduce the risk of fire, use only No. 26 AWG or larger UL listed or CSA Certified Telecommunication Line Cord (for example, 24 AWG).
- The console server has one or two power supply cords. Disconnect the power supply cord(s) before servicing to avoid electric shock.

Safety Information and Instructions

- This product has no user-serviceable parts inside the product enclosure. Do not open or remove the product cover. Opening the console server housing could expose the user to hazardous voltages and will void the warranty of the console server.
- When handling any electronic component or assembly, you must observe the following antistatic precautions to prevent damage.
 - Always wear a grounded wrist strap when working around printed circuit boards.
 - Treat all assemblies, components and interface connections as static-sensitive.
 - Avoid working in carpeted areas.
 - Keep body movement to a minimum while removing or installing boards to minimize the buildup of static charge.

WARNING: There is the danger of explosion if the battery is replaced incorrectly. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

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Rack Mounting Safety Considerations

If mounting this product in an equipment rack, the following considerations shall apply for safe installation and use of this product:

- **Elevated Ambient Temperature:** If installed in a closed rack assembly, the operating temperature of the rack environment may be greater than room ambient temperature. Use care not to exceed the rated maximum operating temperature for this product. The rated maximum operating temperature is specified in the technical specifications section in the complete user's manual for this product available at <http://www.VertivCo.com>.
- **Reduced Air Flow:** Installation of the equipment in a rack should be such that the amount of airflow required for safe operation of the equipment is not compromised.
- **Mechanical Loading:** Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
- **Circuit Overloading:** Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of circuits might have on overcurrent protection and supply wiring. Consider equipment nameplate ratings for maximum current.
- **Reliable Earthing:** Reliable earthing of rack-mounted equipment should be maintained. Pay particular attention to supply connections other than direct connections to the branch circuit (for example, use of power strips).

EMI Statements

Products which are certified for EMC in the regions or countries indicated will have the required marking or statement on the product label. The applicable statement for that country is listed below.

European Union

WARNING: This is a class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

USA

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.

Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Japan

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

Korea

기종별	사용자 안내문
A급 기기 (업무용 정보통신기기)	이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며 만약 잘못 판매 구입 하였을 때에는 가정용으로 교환하시기 바랍니다.

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FCC requirements for the internal modem

For models equipped with an internal modem, the Federal Communication Commission (FCC) has established rules which permit this device to be directly connected to the telephone network. If this device is malfunctioning, it may also be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service. The telephone company may make changes in its technical operations and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes. If the telephone company request information on what equipment is connected to their lines, inform them of the following:

- The telephone number and the connected device.
- The ringer equivalence number (REN).
- The device uses an RJ45 type jack.
- The FCC Registration Number.

The REN (Ringer Equivalence Number) is used to determine the number of devices that may be connected to the telephone line. Excessive RENs on a telephone line may result in devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or any other electronic device, including fax machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity or other individual sending the message, and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any number for which charges exceed local or long distance transmission charges.) This equipment must not be used on party lines. Connection to a party line service is subject to state tariffs. Contact the state public utility commission for information. In order to program this information into your fax machine or fax/modem, consult your fax machine's user's manual for setup instructions.

PRODUCT NAME	CERTIFICATION MODEL NUMBER (CMN)
ACS6048MSAC ACS6048SAC ACS6032MSAC ACS6032SAC ACS6016MSAC ACS6016SAC	CMN: 1044
ACS6048MDAC ACS6048DAC ACS6032MDAC ACS6032DAC ACS6016MDAC ACS6016DAC	CMN: 1045
ACS6048MSDC ACS6048SDC ACS6032MSDC ACS6032SDC ACS6016MSDC ACS6016SDC	CMN: 1046

PRODUCT NAME	CERTIFICATION MODEL NUMBER (CMN)
ACS6048MDDC ACS6048DDC ACS6032MDDC ACS6032DDC ACS6016MDDC ACS6016DDC	CMN: 1047
ACS6008MSAC ACS6008SAC ACS6004MSAC ACS6004SAC	CMN: 1070
ACS6008MDAC ACS6008DAC ACS6004MDAC ACS6004DAC	CMN: 1071
ACS6008MSDC ACS6008SDC ACS6004MSDC ACS6004SDC	CMN: 1072

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Please visit <http://www.VertivCo.com/ComplianceRegulatoryInfo> for important safety information.

Veillez consulter le site <http://www.VertivCo.com/ComplianceRegulatoryInfo> qui contient des informations importantes concernant la sécurité.

Wichtige sicherheitsrelevante Informationen erhalten Sie unter <http://www.VertivCo.com/ComplianceRegulatoryInfo>.

Посетите страницу <http://www.VertivCo.com/ComplianceRegulatoryInfo> для получения важной информации о безопасности.

请访问 <http://www.VertivCo.com/ComplianceRegulatoryInfo> 了解重要的安全信息。

安全に関する重要な情報については、Webサイト (<http://www.VertivCo.com>) のComplianceRegulatoryInfo でご確認ください。

중요한 안전 관련 정보는 <http://www.VertivCo.com/ComplianceRegulatoryInfo> 를 방문하십시오.



To contact Vertiv Technical Support: visit www.VertivCo.com

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