# Winterm<sup>™</sup> 3000 Series Windows<sup>®</sup>-based Terminal Administrators Guide

Issue: 072301





#### **FCC Statement**

This equipment has been tested and found to comply with the limits for either Class A or Class B digital devices (refer to "Terminal Requirements Compliance"), pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



### Caution

Changes or modifications not covered in this manual must be approved in writing by the manufacturer's Regulatory Engineering department. Changes or modifications made without written approval may void the user's authority to operate the equipment.

# **Terminal Requirements Compliance**

# **FCC Compliance**

Models 3200LE, 3230LE, 3320SE, 3350SE, 3360SE, 3630LE, 3730LE, and 3720SE terminals meet Class B requirements.

# **IEC/EN Compliance**

Models 3200LE, 3230LE, 3320SE, 3350SE, 3360SE, 3630LE, 3730LE, and 3720SE terminals meet Class B requirements.

## **Canadian DOC Notices**

Refer to the previous section, "Terminal Requirements Compliance," to find out to which model terminal each of the statements below refers.

#### Class A

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Réglement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

#### Class B

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Réglement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

#### **IEC/EN Notice**

This product conforms to the requirements of IEC950 and EN60950.

This product conforms to requirements of EN55022 for Class A equipment or EN55022 for Class B equipment (refer to "Terminal Requirements Compliance").

#### Models 3320SE, 3350SE, and 3360SE Terminals

For use with External Power Supply DVE Model DSA-0301-05 or certified equivalent model supplied by the manufacturer, rated minimum 5V/4A.

#### Models 3200LE and 3230LE Terminals

For use with External Power Supply DVE Model DSA-0151D-12 or certified equivalent model supplied by the manufacturer, rated minimum 12V/1.5A.

#### **Model 3630LE Terminals**

For use with External Power Supply Ilan Model F1650K or certified equivalent model supplied by the manufacturer, rated minimum 12 V/3.5A.

#### **Noise Suppressor**

A noise suppressor (ferrite bead) must be installed on the network cable of your terminal. This installation is necessary to maintain compliance with U.S. FCC B limits and European CISPR B EN55022 Class B limits. The noise suppressor is supplied by the manufacturer and is packed in your terminal's shipping carton.

#### **Cable Notice**

The use of shielded I/O cables is required when connecting this equipment to any and all optional peripheral or host devices. Failure to do so may cause interference and violate FCC and international regulations for electromagnetic interference.

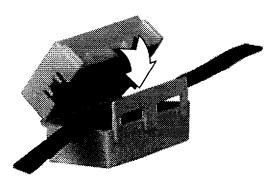
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# **Noise Suppressor Installation**

A noise suppressor (ferrite bead) must be installed on the network cable of your terminal. This installation is necessary to maintain compliance with US FCC B limits and European CISPR B EN55022 Class B limits. The noise suppressor is supplied by the manufacturer and is packed in your terminal's shipping carton.

Figure 55-1 shows the noise suppressor.

Figure 55-1 Noise Suppressor



## To install:

- 1. Open the casing.
- Fit the casing over the network cable, as close as possible to the back of the cable's connector.
- 3. Snap the casing shut.