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AS 4418.2—1996

Australian Standard®

Supervisory control and data acquisition (SCADA)—Generic telecommunications and interface protocol

Part 2: Fire alarm systems

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This Australian Standard was prepared by Committee IT/24, Supervisory Control and Data Acquisition. It was approved on behalf of the Council of Standards Australia on 14 June 1996 and published on 5 August 1996.

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AUSTEL

Australian Electrical and Electronic Manufacturers Association

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Supervisory control and data acquisition (SCADA)—Generic telecommunications and interface protocol

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PREFACE

This Standard was prepared by the Standards Australia Committee IT/24 on Supervisory Control and Data Acquisition.

The objective of this Standard is to provide fire equipment manufacturers and fire alarm monitoring organizations with a telecommunications protocol for connecting fire alarm systems to fire control stations, in order to achieve system and equipment interoperability. Other industry groups may also find the requirements applicable.

This Standard is consistent with requirements developed by IEC and published in IEC 870, *Telecontrol equipment and systems*. This Part has been prepared as one of a possible series of Standards for SCADA applications. AS 4418.1 defines the general requirements, including security and addressing, for SCADA networks and this Part is a specific fire alarm monitoring application. The two Parts should be read in conjunction.

Other applications which could form further Parts of this series of Standards could cover areas such as systems for service utilities, transport and security.

Concurrently, Standards Australia/Standards New Zealand Committee FP/2 on Automatic Fire Detection, Warning and Intercom Systems is preparing a product Standard for alarm signalling equipment designed to utilize this telecommunications protocol. In addition, Committee FP/2 is preparing a standard which will specify minimum alarm monitoring network performance parameters which network designers will be able to use to ensure adequate performance of monitored fire alarm systems.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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