

Railtrack PLC

PC-BASED ISM TERMINAL INSTALLATION AND MAINTENANCE MANUAL

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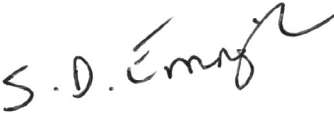
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INSTALLATION AND MAINTENANCE MANUAL
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1. INTRODUCTION

1.1 Scope of the Document

This document describes how to install, configure and maintain the PC-based ISM Terminal. This includes the installation and configuration of the Windows NT 4.0 Workstation operating system, as well as the PIT application software.

The current version of this document refers to the use of remote access, but does not yet provide full details. These will be added at a later date when the final configuration information has been determined.

1.2 Abbreviations

IECC	Integrated Electronic Control Centre
ISM	IECC System Monitor
PC	Personal Computer
PIT	PC-Based ISM Terminal

1.3 References

1. PC-based ISM Terminal Hardware Specification, 656jrm02, issue 1.1, 16 March 2000.

2. GENERAL INFORMATION

2.1 Safety

All safety warnings and instructions in the relevant PC documentation should be followed.

Particular care should be taken with the handling and disposal of lithium batteries.

2.2 Virus Protection

All PCs are potentially vulnerable to viruses. All relevant local instructions should be followed in order to prevent the introduction of a virus onto the PCs used for the PC-based ISM Terminal. In particular, unauthorised programs should not be installed on the PC.

2.3 User Management

The PIT makes use of up to three levels of user management in order to provide security, and to prevent unauthorised use of the PIT. The responsibility for the management of these passwords should be clearly defined at each IECC site. They form an important part of the overall security of the IECC installation.

Windows NT login

Windows NT provides a user login facility. This is used to allow the PIT to start up automatically when powered on. PIT users are not required to log on to Windows NT separately.

PIT User Login

The PIT application provides its own user management functions to allow the creation and deletion of PIT user accounts. A PIT user must log in before being able to use the PIT for fault diagnosis. Only users with the "Set Users" privilege are allowed to create or delete accounts. It is recommended that this privilege is restricted to a small number of people at each site. There is no reason for the majority of PIT users to be allocated the "Set users" privilege.

Remote Access Login

pcAnywhere is configured so that a remote user must enter a user name and password before a connection can be established between a remote PC and the PIT. User details and passwords are set up through pcAnywhere functionality, and are totally independent of the PIT application. The remote PC can be set up to remember the necessary user name and password, and therefore a remote user may not be aware that this authorisation is taking place. Once the remote PC has successfully connected to the local PC then the remote user will be presented with the standard PIT login screen. At this point a valid PIT user name and password must be entered before the PIT can be used.