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SERIES V: DATA COMMUNICATION OVER THE
TELEPHONE NETWORK

Control procedures

**Serial asynchronous automatic dialling and
control**

ITU-T Recommendation V.250

(Previously CCITT Recommendation)

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ITU-T V-SERIES RECOMMENDATIONS
DATA COMMUNICATION OVER THE TELEPHONE NETWORK

General	V.1–V.9
Interfaces and voiceband modems	V.10–V.34
Wideband modems	V.35–V.39
Error control	V.40–V.49
Transmission quality and maintenance	V.50–V.59
Simultaneous transmission of data and other signals	V.60–V.99
Interworking with other networks	V.100–V.199
Interface layer specifications for data communication	V.200–V.249
Control procedures	V.250–V.299
Modems on digital circuits	V.300–V.399

For further details, please refer to ITU-T List of Recommendations.

ITU-T RECOMMENDATION V.250

SERIAL ASYNCHRONOUS AUTOMATIC DIALLING AND CONTROL

Summary

This Recommendation defines commands and responses for use by a DTE to control a V-series DCE using serial data interchange over an asynchronous interface. It contains four elements:

- codifies existing practice in common GSTN-DCE that use the ATtention (AT) command set;
- defines a format for orderly extension of the AT command set;
- provides a set of standardized extensions for common functions to identify the DCE, to control the DTE-DCE interface, and to control DCE-DCE protocols (signal conversion, error control and data compression);
- provides a mapping for these commands into V.25 *bis* frame format for use with DCEs employing synchronous serial interfaces.

Source

Former ITU-T Recommendation V.25 *ter* (07/97) body was renumbered as Recommendation V.250 on 6 February 1998 without further modification. Annex A to V.25 *ter* was renumbered as V.251.

ITU-T Recommendation V.250 was revised by ITU-T Study Group 16 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on 27 May 1999.

Keywords

AT Commands, Data Modems, Data Transmission, DCE control.

FOREWORD

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In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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CONTENTS

	Page
1 Introduction and scope	1
2 References.....	1
2.1 Normative references	1
2.2 Informative references	2
3 Definitions and abbreviations	3
4 Physical layer	4
4.1 Circuits.....	4
4.2 Character formatting.....	5
4.3 Data rates	5
5 Syntax and procedures	5
5.1 Alphabet.....	5
5.2 DTE commands lines.....	5
5.2.1 Command line general format	6
5.2.2 Command line editing	6
5.2.3 Command line echo	6
5.2.4 Repeating a command line.....	6
5.2.5 Types of DTE commands	7
5.2.6 DTE command syntax	7
5.3 Basic syntax commands.....	7
5.3.1 Basic syntax command format.....	7
5.3.2 S-parameters	7
5.4 Extended syntax commands.....	8
5.4.1 Command naming rules.....	8
5.4.2 Values	8
5.4.3 Action commands	10
5.4.4 Parameter commands.....	11
5.4.5 Additional syntax rules	12
5.5 Issuing commands.....	12
5.6 Executing commands.....	12
5.6.1 Aborting commands	12
5.6.2 Handling of invalid numbers and S-parameter values.....	13
5.7 DCE responses	13
5.7.1 Responses	13
5.7.2 Extended syntax result codes.....	14
5.7.3 Information text formats for test commands	15

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