INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

V.250
(05/99)

SERIES V: DATA COMMUNICATION OVER THE
TELEPHONE NETWORK
Control procedures

Serial asynchronous automatic dialling and control

ITU-T Recommendation V.250

(Previously CCITT Recommendation)

Unified v Uniloc
IPR2018-00199
Unified 1024

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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.

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

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.

NOTE

In this Recommendation the term *recognized operating agency (ROA)* includes any individual, company, corporation or governmental organization that operates a public correspondence service. The terms *Administration, ROA* and *public correspondence* are defined in the *Constitution of the ITU (Geneva, 1992).*

INTELLECTUAL PROPERTY RIGHTS

The ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. The ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, the ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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