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**Electronic data interchange for  
administration, commerce and transport  
(EDIFACT) — Application level syntax rules  
(Syntax version number: 4, Syntax release  
number: 1) —**

**Part 4:  
Syntax and service report message for  
batch EDI (message type — CONTRL)**

[ISO 9735-4:2002](https://standards.iso.org/iso/9735-4:2002)

<https://standards.iso.org/iso/9735-4:2002> *Échange de données informatisé pour l'administration, le commerce et le transport (EDIFACT) — Règles de syntaxe au niveau de l'application (numéro de version de syntaxe: 4, numéro d'édition de syntaxe: 1) —*

*Partie 4: Rapport de syntaxe et de service pour l'EDI par lots (type de message CONTRL)*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 9735 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9735-4 was prepared by Technical Committee ISO/TC 154, *Processes, data elements and documents in commerce, industry and administration* in collaboration with UN/CEFACT through the Joint Syntax Working Group (JSWG).

This second edition cancels and replaces the first edition (ISO 9735-4:1998) from which annex A "Use of error codes" was removed. However ISO 9735:1988 and its Amendment 1:1992 are provisionally retained for the reasons given in the clause 2.

Furthermore, for maintenance reasons the Syntax service directories including the annex A "Use of error codes" removed from this second edition of ISO 9735-4 have been removed from all parts of the ISO 9735 series. They are now consolidated in a new part, ISO 9735-10.

At the time of publication of ISO 9735-1:1998, ISO 9735-10 had been allocated as a part for "Security rules for interactive EDI". This was subsequently withdrawn because of lack of user support, and as a result, all relevant references to the title "Security rules for interactive EDI" were removed in this second edition of ISO 9735-4.

Definitions from all parts of the ISO 9735 series have been consolidated and included in ISO 9735-1.

ISO 9735 consists of the following parts, under the general title *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1)*:

- *Part 1: Syntax rules common to all parts*
- *Part 2: Syntax rules specific to batch EDI*
- *Part 3: Syntax rules specific to interactive EDI*
- *Part 4: Syntax and service report message for batch EDI (message type — CONTRL)*
- *Part 5: Security rules for batch EDI (authenticity, integrity and non-repudiation of origin)*
- *Part 6: Secure authentication and acknowledgement message (message type — AUTACK)*
- *Part 7: Security rules for batch EDI (confidentiality)*

- *Part 8: Associated data in EDI*
- *Part 9: Security key and certificate management message (message type — KEYMAN)*
- *Part 10: Syntax service directories*

Further parts may be added in the future.

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## Introduction

This part of ISO 9735 provides the capability for the automatic preparation of a message in response to a received interchange, group, message or package, to:

- acknowledge a correct syntactical structure; or
- to reject an incorrect syntactical structure.

In the case of rejection, the message lists any syntactical errors or unsupported functions encountered.

In addition to the above, the message may be used to indicate only the receipt of an interchange.

It is based upon a similar service message developed and published by UN/ECE for use with earlier versions of ISO 9735.

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# Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) —

Part 4:

## Syntax and service report message for batch EDI (message type — CONTRL)

### 1 Scope

This part of ISO 9735 defines the syntax and service report message for batch EDI, CONTRL.

### 2 Conformance

Whereas this part shall use a version number of “4” in the mandatory data element 0002 (Syntax version number), and shall use a release number of “01” in the conditional data element 0076 (Syntax release number), each of which appear in the segment UNB (Interchange header), interchanges continuing to use the syntax defined in the earlier published versions shall use the following Syntax version numbers, in order to differentiate them from each other and from this part: <https://standards.iteh.ai/catalog/standards/sist/89fade0-b3e1-4060-8347-4d665073ae7d/iso-9735-4-2002>

- ISO 9735:1988: *Syntax version number: 1*
- ISO 9735:1988 (amended and reprinted in 1990): *Syntax version number: 2*
- ISO 9735:1988 and its Amendment 1:1992: *Syntax version number: 3*
- ISO 9735:1998: *Syntax version number: 4*

Conformance to a standard means that all of its requirements, including all options, are supported. If all options are not supported, any claim of conformance shall include a statement which identifies those options to which conformance is claimed.

Data that is interchanged is in conformance if the structure and representation of the data conforms to the syntax rules specified in this part of ISO 9735.

Devices supporting this part of ISO 9735 are in conformance when they are capable of creating and/or interpreting the data structured and represented in conformance with the standard.

Conformance to this part of ISO 9735 shall include conformance to ISO 9735-1, ISO 9735-2 and ISO 9735-10.

When identified in this part of ISO 9735, provisions defined in related standards shall form part of the conformance criteria.

### 3 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 9735. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 9735 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 9735-1:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 1: Syntax rules common to all parts*

ISO 9735-2:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 2: Syntax rules specific to batch EDI*

ISO 9735-5:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 5: Security rules for batch EDI (authenticity, integrity and non-repudiation of origin)*

ISO 9735-6:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 6: Secure authentication and acknowledgement message (message type — AUTACK)*

ISO 9735-7:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 7: Security rules for batch EDI (confidentiality)*

ISO 9735-8:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 8: Associated data in EDI*

ISO 9735-9:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 9: Security key and certificate management message (message type — KEYMAN)*

ISO 9735-10:2002, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 10: Syntax service directories*

### 4 Message terms and definitions

For the purposes of this part of ISO 9735, the terms and definitions given in ISO 9735-1 apply. In addition, the following terms and definitions apply uniquely to CONTRL.

NOTE When a word or phrase appears in italics, this means that a definition of this term is given below or in ISO 9735-1.

#### 4.1 acknowledgement

action implying that the recipient of the *subject interchange*

- has received the *referenced levels(s)* of the *subject interchange* acknowledged, and
- has checked that there are no fatal syntactic errors in the acknowledged *referenced-level* that prevents further processing of it, and
- has checked that all acknowledged (parts of) *service segments* are semantically correct (if no errors are reported), and



- will comply with the actions requested in the acknowledged (*referenced-levels* of the) *service segments*, and
- has accepted responsibility for notifying the sender by other means than sending a *CONTRL message* if
  - any syntactic or semantic errors as described above, are later detected in the relevant part, or
  - the part cannot be processed for some other reason after the part has been acknowledged in a submitted *CONTRL message*,
- has taken reasonable precautions in order to ensure that such errors are detected and that the sender is notified

#### 4.2

##### indication of interchange receipt

action implying that the recipient of the *subject interchange*

- has received the *subject interchange*, and
- acknowledges the parts of the *subject interchange* that have been checked in order to assure that the *data elements* copied into the reporting *UCI segment* are syntactically correct, and
- has accepted responsibility for notifying the sender of *acknowledgement* or *rejection* of the other parts of the *subject interchange*, and
- has taken reasonable precautions in order to ensure that the sender is so notified

#### 4.3

##### rejection

action implying that the recipient of the *subject interchange*

- cannot acknowledge the *subject interchange* or relevant part of it, for reasons indicated in the *CONTRL message*, and
- will not take any further action on business information contained in the rejected part of the *subject interchange*

#### 4.4

##### to report

to indicate the action (*acknowledgement* or *rejection*) taken for a *subject interchange* or part of it

##### reporting-level

*segment* in *CONTRL* in which reporting of a corresponding *referenced-level* takes place

NOTE The reporting-levels are UCI, UCF, UCM, UCS and UCD.

#### 4.5

##### referenced-level

one of the following parts of the *subject interchange*:

- the UNA, UNB and UNZ segments and any security segments used to secure the *subject interchange* referenced in the *UCI segment*,
- the UNG and UNE segments and any security segments used to secure the group referenced in the *UCF segment*,
- a complete *message* or a complete *package* and any security segments used to secure the *message* or *package* referenced in the *UCM segment*,
- a *segment* in a *message body*, referenced in the *UCS segment*,
- a stand-alone, composite or component data element, referenced in the *UCD segment*