



# Industrial automation systems — Manufacturing Message Specification —

## Part 1: Service definition

### TECHNICAL CORRIGENDUM 2

*Systèmes d'automatisation industrielle — Spécification de messagerie industrielle —*

*Partie 1: Définition de service*

*RECTIFICATIF TECHNIQUE 2*

Technical corrigendum 2 to International Standard ISO/IEC 9506-1:1990 was prepared by Technical Committee ISO/TC 184, *Industrial automation systems and integration*, Subcommittee SC 5, *Architecture and communications*.

NOTE — Proper application of this corrigendum requires that amendment 1, technical corrigendum 1, and amendment 2 have been applied (in that order) to the base document. Page numbers in this technical corrigendum refer to the base standard as published in 1990; subclause and paragraph references are to the base standard as modified by the prior two amendments and the prior corrigendum.

Page 23

#### Subclause 7.2.13

Replace the text for Current Modifier Reference with:

This attribute is an integer representing the position of the currently executing modifier in the Transaction Object's List of Pre-execution Modifiers.

Page 25

#### Subclause 7.3.2

Remove the "X" under **Domain** for **Semaphore Objects**.

Page 37

### Subclause 8.3.2

In the paragraph between note 1 and note 2 in the second line, change

are released unless other

to

are released and any defined procedures associated with their deletion are performed unless other

Page 38

### Subclause 8.4.2

In the third paragraph, change

are released unless other

to

are released and any defined procedures associated with their deletion are performed unless other

Page 56

### Subclause 10.1.1

Under Domain Content, replace

LoadDomainContent services.

with

UploadSegment services and is the information transferred by the LoadDomainContent and StoreDomainContent services.

Page 58

### Subclause 10.1.3

In figure 4 change arrow between IN-USE and D7 to be:

17

-----&gt;

19,31

&lt;-----

*Page 77***Subclause 10.11.2**

In the note change

StoreDomainUpload

to:

StoreDomainContent

*Page 78***Subclause 10.12.2**

Insert the following before the last sentence of the paragraph:

In conjunction with the deletion of any object the MMS server shall perform any procedure defined for the deletion of that object.

*Page 88***Subclause 11.2.2**

Insert the following text at the end of the first paragraph in item h) between "(see 11.1.3)." and "The MMS":

The MMS server shall verify that there does not exist an Event Condition, Event Action, or Event Enrollment with the same name or scope as the Program Invocation. If one should exist, the service shall fail.

*Page 142***Subclause 12.16.1.2.1**

Change

Named Variable or Scattered Access

to

Named Variable List

**Subclause 12.16.1.2.2**

Change

Named Variable or Scattered Access

to

Named Variable List

**Subclause 12.16.1.3.1**

Change

Named Variable or Scattered Access

to

Named Variable List

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**Subclause 13.1.4**

Add a period to the end of the first sentence.

*Page 157*

**Subclause 13.1.5**

Change the first sentence from

A Pool Semaphore may be described by the following model.

to

A Pool Semaphore may be described by the model in figure 11.

*Page 182*

**Subclause 15.1.1.1**

Replace the text for Alarm Summary Reports with the following:

The Alarm Summary Reports attribute shall exist for monitored Event Conditions objects only. If true, it shall specify that the Event Condition object shall be included in responses to the GetAlarmSummary service without consideration of other filtering criteria. If false, the presence of the Event Condition object shall be subject to the filtering criteria described in the GetAlarmSummary service.