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INTERNATIONAL STANDARD

**OPC unified architecture -
Part 16: State Machines**



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CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 State Machine model	5
4.1 General	5
4.2 Examples of finite state machines	6
4.2.1 Simple state machine	6
4.2.2 State machine containing substates	6
4.3 Definition of state machine	7
4.4 Representation of state machines in the AddressSpace	8
4.4.1 Overview.....	8
4.4.2 StateMachineType	9
4.4.3 StateVariableType	10
4.4.4 TransitionVariableType.....	10
4.4.5 FiniteStateMachineType	11
4.4.6 FiniteStateVariableType	13
4.4.7 FiniteTransitionVariableType.....	14
4.4.8 StateType	15
4.4.9 InitialStateType.....	15
4.4.10 TransitionType.....	16
4.4.11 FromState	17
4.4.12 ToState.....	17
4.4.13 HasCause	18
4.4.14 HasEffect.....	19
4.4.15 HasSubStateMachine	19
4.4.16 TransitionEventType	20
4.4.17 AuditUpdateStateEventType	20
4.4.18 Special restrictions on subtyping StateMachines	21
4.4.19 Specific StatusCodes for StateMachines	22
4.5 Examples of StateMachines in the AddressSpace	22
4.5.1 StateMachineType using inheritance.....	22
4.5.2 StateMachineType with a SubStateMachine using inheritance	24
4.5.3 StateMachineType using containment	25
4.5.4 Example of a StateMachine having Transition to SubStateMachine	26
4.5.5 Example of a StateMachine adding a SubStateMachine on a Subtype	27
4.6 StateMachine extensions for ChoiceStates and Guards	30
4.6.1 Overview.....	30
4.6.2 ChoiceStateType	30
4.6.3 HasGuard	31
4.6.4 GuardVariableType	31
4.6.5 ExpressionGuardVariableType	32
4.6.6 ElseGuardVariableType	33
4.7 Example of a StateMachine using a ChoiceState and Guards.....	33
Bibliography.....	35

Figure 1 – Example of a simple state machine	6
Figure 2 – Example of a state machine having a sub-machine.....	7
Figure 3 – The StateMachine Information Model	8
Figure 4 – Example of a FiniteStateMachine type.....	13
Figure 5 – Example of a FiniteStateMachine instance.....	13
Figure 6 – Example of an initial State in a sub-machine.....	16
Figure 7 – Example of a StateMachineType using inheritance	22
Figure 8 – Example of a StateMachineType with a SubStateMachine using inheritance	24
Figure 9 – Example of a StateMachineType using containment	25
Figure 10 – Example of a StateMachine with Transitions from sub-states	26
Figure 11 – Example of a StateMachineType having Transition to SubStateMachine	27
Figure 12 – Example of a StateMachine with two States	28
Figure 13 – Example of a StateMachine extended with two Substates.....	28
Figure 14 – Example of a StateMachine extended with another two Substates.....	28
Figure 15 – Example of a StateMachineType adding SubStateMachine in Subtypes	29
Figure 16 – Example of a ChoiceState	30
Figure 17 – Example of a StateMachine using ChoiceState and Guards.....	34
 Table 1 – StateMachineType definition	9
Table 2 – StateVariableType definition	10
Table 3 – TransitionVariableType definition.....	11
Table 4 – FiniteStateMachineType definition	12
Table 5 – FiniteStateVariableType definition	14
Table 6 – FiniteTransitionVariableType definition.....	14
Table 7 – StateType definition	15
Table 8 – InitialStateType definition.....	16
Table 9 – TransitionType definition.....	17
Table 10 – FromState ReferenceType	17
Table 11 – ToState ReferenceType	18
Table 12 – HasCause ReferenceType.....	18
Table 13 – HasEffect ReferenceType	19
Table 14 – HasSubStateMachine ReferenceType.....	20
Table 15 – TransitionEventType.....	20
Table 16 – AuditUpdateStateEventType.....	21
Table 17 – Specific StatusCodes for StateMachines.....	22
Table 18 – ChoiceStateType.....	30
Table 19 – HasGuard ReferenceType	31
Table 20 – GuardVariableType definition	32
Table 21 – ExpressionGuardVariableType definition	32
Table 22 – ElseGuardVariableType definition	33

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**OPC unified architecture -
Part 16: State Machines****FOREWORD**

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The text of this International Standard is based on the following documents:

Draft	Report on voting
65E/1041/CDV	65E/1132/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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The *italicized terms* and *names* are also often written in camel-case (the practice of writing compound words or phrases in which the elements are joined without spaces, with each element's initial letter capitalized within the compound). For example, the defined term is *AddressSpace* instead of *Address Space*. This makes it easier to understand that there is a single definition for *AddressSpace*, not separate definitions for *Address* and *Space*.

A list of all parts in the IEC 62541 series, published under the general title *OPC Unified Architecture*, can be found on the IEC website.

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- reconfirmed,
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1 Scope

This part of IEC 62541 defines an Information Model. The Information Model describes the basic infrastructure to model state machines.

NOTE State Machines were dealt with in IEC 62541-5:2020, Annex B. In newer versions of IEC 62541-5 this Annex B was removed and replaced by this document

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62541-1, *OPC Unified Architecture - Part 1: Overview and Concepts*

IEC 62541-3, *OPC Unified Architecture - Part 3: Address Space Model*

IEC 62541-4, *OPC Unified Architecture - Part 4: Services*

IEC 62541-5, *OPC Unified Architecture - Part 5: Information Model*

Bibliography

IEC 62541-9, *OPC Unified Architecture - Part 9: Alarms and Conditions*

IEC 62541-10, *OPC Unified Architecture - Part 10: Programs*
