

Alarm and electronic security systems - Part 11-32:
Electronic access control systems - Access control
monitoring based on Web services

EESTI STANDARDI EESSÕNA

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English Version

**Alarm and electronic security systems -
Part 11-32: Electronic access control systems - Access control
monitoring based on Web services
(IEC 60839-11-32:2016)**

Systèmes d'alarme et de sécurité électroniques -
Partie 11-32: Systèmes de contrôle d'accès électronique -
Commande de contrôle d'accès en fonction des services
Web
(IEC 60839-11-32:2016)

Alarmanlagen - Teil 11-32: Elektronische
Zutrittskontrollanlagen - IP Interoperabilität auf Basis von
Webservices - Spezifikation der Zutrittskontrolle
(IEC 60839-11-32:2016)

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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European foreword

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The following dates are fixed:

- latest date by which the document has to be (dop) 2017-09-29
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- latest date by which the national (dow) 2019-12-29
standards conflicting with the
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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60839-11-31 NOTE Harmonized as EN 60839-11-31.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60839-11-1	-	Alarm and electronic security systems - Part 11-1: Electronic access control systems - System and components requirements	EN 60839-11-1	-
IEC 60839-11-2	-	Alarm and electronic security systems - Part 11-2: Electronic access control systems - Application guidelines	EN 60839-11-2	-

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INTRODUCTION

This document makes it possible to build an alarm and electronic security system with clients, typically a monitoring console, and devices, typically an access control unit, from different manufacturers using common and well defined interfaces.

This document specifies only the data and control flow between a client and the services without reference to any physical device as the services required to implement a compliant electronic access control system (EACS) are not necessarily implemented on a single device, i.e. all services can be run on a control panel, event aggregator software on PC, etc.

This document does not define internal communication between an access control unit and its components if they are implemented on a single device.

This document is based upon work done by the ONVIF open industry forum. The ONVIF Access Control specification and ONVIF Door Control specification are compatible with this document.

This document is accompanied by a set of computer readable interface definitions:

- Access control service WSDL, see Clause A.1;
- Door control service WSDL, see Clause A.2;
- Common schema, see Clause A.3;

Due to the differences in terminology used in IEC 60839-11-1, IEC 60839-11-2 and the ONVIF specification that this part of IEC 60839 is based on, a reader should take special notice of the terms and definitions clause.

Additional services needed for configuration of an EACS such as definitions of schedules, handling of access rules, readers and credentials are outside the scope of this document. These services will be covered by other parts of the IEC 60839-11-3x family of standards.