

STN	Poplachové a elektronické bezpečnostné systémy Časť 11-32: Elektronické systémy zabezpečenia prístupu Monitorovanie zabezpečenia prístupu na báze webových služieb	STN EN 60839-11-32 33 4593
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Alarm and electronic security systems - Part 11-32: Electronic access control systems - Access control monitoring based on Web services

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 06/17

Obsahuje: EN 60839-11-32:2017, IEC 60839-11-32:2016

125025

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

ICS 13.320

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
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EN 60839-11-32:2017**European foreword**

The text of document 79/523/CDV, future edition 1 of IEC 60839-11-32, prepared by IEC/TC 79 "Alarm and electronic security systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60839-11-32:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-09-29
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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.

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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	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



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

**Systemes d'alarme et de sécurité électroniques –
Partie 11-32: Systemes de contrôle d'accès électronique – Commande de
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INTERNATIONAL STANDARD

NORME INTERNATIONALE



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

**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**

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ISBN 978-2-8322-3779-3

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ALARM AND ELECTRONIC SECURITY SYSTEMS –**Part 11-32: Electronic access control systems –
Access control monitoring based on Web services**

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CDV	Report on voting
79/523/CDV	79/547/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60839 series, published under the general title *Alarm and electronic security systems*, can be found on the IEC website.

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- withdrawn,
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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.

ALARM AND ELECTRONIC SECURITY SYSTEMS –

Part 11-32: Electronic access control systems – Access control monitoring based on Web services

1 Scope

This part of IEC 60839 defines the Web services interface for electronic access control systems. This includes listing electronic access control system components, their logical composition, monitoring their states and controlling them. It also includes a mapping of mandatory and optional requirements as per IEC 60839-11-1.

This document applies to physical security only. Physical security prevents unauthorized personnel, attackers or accidental intruders from physically accessing a building, room, etc.

Web services usage and device management functionality are outside of the scope of this document. Refer to IEC 60839-11-31 for more information.

This document does not in any way limit a manufacturer to add other protocols or extend the protocol defined here. For rules on how to accomplish this refer to IEC 60839-11-31.

2 Normative references

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IEC 60839-11-1, *Alarm and electronic security systems – Part 11-1: Electronic access control systems – System and components requirements*

IEC 60839-11-2, *Alarm and electronic security systems – Part 11-2: Electronic access control systems – Application guidelines*

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