

## SLOVENSKI STANDARD SIST EN 60839-11-2:2015

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Alarmni sistemi - 11-2. del: Elektronski sistemi nadzora dostopa - Smernice za uporabo (IEC 60839-11-2:2014)

Alarm and electronic security systems - Part 11-2: Electronic access control systems - Application guidelines

Alarmanlagen - Teil 11-2: Elektronische Zutrittskontrollanlagen - Anwendungsregeln iTeh STANDARD PREVIEW

Systèmes d'alarme et de sécurité électroniques - Partie 11)2: Systèmes de contrôle d'accès électronique - Lignes directrices d'application

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## **English Version**

# Alarm and electronic security systems - Part 11-2: Electronic access control systems - Application guidelines (IEC 60839-11-2:2014)

Systèmes d'alarme et de sécurité électroniques - Partie 11-2: Systèmes de contrôle d'accès électronique - Lignes directrices d'application (IEC 60839-11-2:2014) Alarmanlagen - Teil 11-2: Elektronische Zutrittskontrollanlagen - Anwendungsregeln (IEC 60839-11-2:2014)

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#### SIST EN 60839-11-2:2015

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## **Foreword**

This document (EN 60839-11-2:2015) consists of the text of IEC 60839-11-2:2014 prepared by IEC/TC 79 "Alarm and electronic security systems".

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

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60950-1 NOTE Harmonized as EN 60950-1.

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IEC 61000-6-3 NOTE Harmonized as EN 61000-6-3

## 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: <a href="https://www.cenelec.eu">www.cenelec.eu</a>.

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Part 11-2: Electronic access control systems - Application guidelines

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## ALARM AND ELECTRONIC SECURITY SYSTEMS -

## Part 11-2: Electronic access control systems – Application guidelines

#### **FOREWORD**

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International Standard IEC 60839-11-2 has been prepared by IEC technical committee 79: Alarm and electronic security systems.

The text of this standard is based on the following documents:

FDIS	Report on voting
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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.

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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.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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## INTRODUCTION

This standard is part of the IEC 60839 series, written to include the following parts:

Part 11-1: Electronic access control systems – System and components requirements

Part 11-2: Electronic access control systems – Application guidelines

This part of IEC 60839 describes the general requirements for planning, installation, operation, maintenance and documentation for the application of electronic access control systems (EACS).

The performance of the EACS is determined by the security grades allocated to the access points. A risk assessment that identifies the risks and perceived threats should first be carried out in order to establish the appropriate security grades.

Four security grades are available based upon the knowledge and tools available to a person intent upon gaining unauthorised access and the type of application, taking into account specific organizational aspects and the value of the assets.

Separate guidance is provided for each activity along with recommendations for the documentation needed. A brief description of each section covering the activities is provided below:

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System planning: this section is intended to assist the designer with the selection of an electronic access control system (EACS) that provides the control of access and security integrity commensurate with the value of the assets requiring protection and the associated risks. See Clause 7.

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System design should minimise potential vulnerabilities that could be exploited to circumvent the access control measures. It is recommended that safeguards are incorporated to give early warning of attempts to circumvent the access control measures. See 7.3.

<u>System installation</u>: this section is intended to help those responsible for installing the EACS by identifying issues which should be considered prior to commencing the installation and during the installation of the system in order to ensure the EACS is correctly implemented as specified during system planning. See Clause 8.

<u>Commissioning and system handover</u>: this section provides guidance to ensure the level of performance required in the system planning is obtained and that the end user is provided with the necessary documentation, records and operating instructions during the handover of the EACS. See Clause 9.

System operation and maintenance: includes information regarding the responsibilities of the end user of the EACS to ensure the system is operated correctly and adequately maintained. It covers inspection, service and the use of remote diagnostics in order that the level of performance determined during the system planning stages can be maintained. See Clause 10.

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