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Larmsystem – Utrustning och system för TV-övervakning (CCTV) – Del 2-32: Styrning av inspelning och uppspelning baserat på webbtjänster

*Video surveillance systems for use in security applications –
Part 2-32: Recording control and replay based on web services*

Som svensk standard gäller europastandarden EN IEC 62676-2-32:2019. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 62676-2-32:2019.

Nationellt förord

Europastandarden EN IEC 62676-2-32:2019

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 62676-2-32, First edition, 2019 - Video surveillance systems for use in security applications - Part 2-32: Recording control and replay based on web services**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare fastställd svensk standard SS-EN 62672-2-3, utgåva 1, 2014, gäller ej fr o m 2022-07-31.

Denna standard tillsammans med SS-EN 60839-11-31 och SS-EN IEC 62676-2-31, ersätter SS-EN 62672-2-3, utgåva 1, 2014.

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English Version

**Video surveillance systems for use in security applications - Part
2-32: Recording control and replay based on web services
(IEC 62676-2-32:2019)**

Systèmes de vidéosurveillance destinés à être utilisés dans
les applications de sécurité - Partie 2-32: Contrôle
d'enregistrement et lecture en fonction des services Web
(IEC 62676-2-32:2019)

Videoüberwachungssysteme für Sicherheitsanwendungen -
Teil 2-32: Videoübertragungsprotokolle - IP-Interoperabilität
auf Basis von Webservices - Aufzeichnung
(IEC 62676-2-32:2019)

This European Standard was approved by CENELEC on 2019-07-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 79/621/FDIS, future edition 1 of IEC 62676-2-32, prepared by IEC/TC 79 "Alarm and electronic security systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62676-2-32:2019.

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) 2020-04-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-07-31

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Endorsement notice

The text of the International Standard IEC 62676-2-32:2019 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where 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 60839-11-31	2016	Alarm and electronic security systems - Part 11-31: Electronic access control systems - Core interoperability protocol based on Web services	-EN 60839-11-31	2017
IEC 62676-2-31	2019	Video surveillance systems for use in-security applications - Part 2-31: Live streaming and control based on web services	-	-
Internet Assigned-Numbers Authority	-	Media Types	-	-
RFC 2326	-	Real Time Streaming Protocol (RTSP)	-	-
RFC 3280	-	Internet X.509 Public Key Infrastructure-Certificate and Certificate Revocation List (CRL) Profile	-	-
RFC 3550	-	RTP: A Transport Protocol for Real-Time-Applications	-	-
RFC 4055	-	Additional Algorithms and Identifiers for-RSA Cryptography for use in the Internet X.509 Public Key Infrastructure - Certificate and Certificate Revocation List (CRL) Profile	-	-
SOAP12-PART1	-	SOAP 1.2 – Part 1, Messaging Framework	-	-
XML-Schema 1	-	W3C XML Schema – Part 1: Structures Second Edition	-	-
XML-Schema 2	-	W3C XML Schema – Part 2: Datatypes-Second Edition	-	-
XPath 1.0	-	XML Path Language (XPath) Version 1.0	-	-
FIPS 180-4	-	Secure Hash Standard (SHS)	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**VIDEO SURVEILLANCE SYSTEMS FOR
USE IN SECURITY APPLICATIONS –****Part 2-32: Recording control and replay based on web services****FOREWORD**

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International Standard IEC 62676-2-32 has been prepared by IEC technical committee 79: Alarm and electronic security systems.

This first edition, together with IEC 60839-11-31 and IEC 62676-2-31, cancels and replaces IEC 62676-2-3:2013.

This edition includes the following significant technical changes with respect to IEC 62676-2-3:2013:

- a) an export file format has been added.

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

FDIS	Report on voting
79/621/FDIS	79/623/RVD

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

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

A list of all parts in the IEC 62676 series, published under the general title *Video surveillance systems for use in security applications*, can be found on the IEC website.

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

The goal of this document is to provide a fully interoperable network video recording and reply implementation comprised of products from different vendors. This document describes the network video recording model, interfaces, data types and data exchange patterns. The document reuses existing relevant standards where available, and introduces new specifications only where necessary to support the specific requirements for network video recording and reply.

VIDEO SURVEILLANCE SYSTEMS FOR USE IN SECURITY APPLICATIONS –

Part 2-32: Recording control and replay based on web services

1 Scope

This part of IEC 62676 specifies the web service interface for the configuration of the recording of video, audio and metadata. Additionally, associated events are defined.

Clause 4 provides a definition of the storage model this document is based on.

Web service usage is outside the scope of this document. Please refer to the IEC 60839-11-31 for more information

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 60839-11-31:2016, *Alarm and electronic security systems – Part 11-31: Electronic access control systems – Core interoperability protocol based on Web Services*

IEC 62676-2-31:2019, *Video surveillance system for use in security applications – Part 2-31: Live streaming and control based on web services*

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Available at <https://csrc.nist.gov/publications/detail/fips/180/4/final>