

SLOVENSKI STANDARD SIST EN IEC 62351-4:2019

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Upravljanje elektroenergetskega sistema in pripadajoča izmenjava informacij - Varnost podatkov in komunikacij - 4. del: Profili, vključno z MMS in izpeljankami

Power systems management and associated information exchange - Data and communications security - Part 4: Profiles including MMS and derivatives

Energiemanagementsysteme und zugehöriger Datenaustausch - IT-Sicherheit für Daten und Kommunikation - Teil 41 Profile einschließlich MMS und Ableitungen

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Gestion des systèmes de puissance et échanges d'informations associés - Sécurité des communications et des données - Partie 4: Profils comprenant MMS

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EN IEC 62351-4:2018 (E)

European foreword

The text of document 57/2032/FDIS, future edition 1 of IEC 62351-4, prepared by IEC/TC 57 "Power systems management and associated information exchange" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62351-4:2018.

The following dates are fixed:

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

IEC 60870-6-503:2014	NOTE	Harmonized as EN 60870-6-503:2014 (not modified)
IEC 60870-6-702:2014	NOTE	Harmonized as EN 60870-6-702:2014 (not modified)
IEC 60870-6-802:2014	NOTE	Harmonized as EN 60870-6-802:2014 (not modified)

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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>	Year Title	<u>2</u>	EN/HD	<u>Year</u>
IEC/TS 62351-1	info sec	ver systems management and associated rmation exchange A Data and communications urity - Part 1: Communication network and tem security Introduction to security issues	-	-
IEC/TS 62351-2	info	ver systems management and associated rmation exchange C Data and communications urity Rart 2:aGlossary of terms at 2dc-94fe-4ff1-8846		-
IEC 62351-3	info sec	ver systems management and associated remation exchange - Data and communications urity - Part 3: Communication network and tem security - Profiles including TCP/IP	EN 62351-3	2014
+A1	2018		+A1	2018
IEC/TS 62351-8		ver systems management and associated rmation exchange - Data and communications urity - Part 8: Role-based access control	-	-
IEC 62351-9	info sec	ver systems management and associated rmation exchange - Data and communications urity - Part 9: Cyber security key management for ver system equipment	EN 62351-9	2017
ISO/IEC 8073		ormation technology - Open Systems reconnection - Protocol for providing the nection-mode transport service	-	-
ISO/IEC 8823-1		ermation technology - Open Systems erconnection - Connection-oriented presentation tocol: Protocol specification	-	-
ISO/IEC 8824-1		ermation technology - Abstract Syntax Notation (ASN.1): Specification of basic notation	-	-

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ISO/IEC 8825-1	-	Information technology - ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)
ISO/IEC 8825-4	-	Information technology - ASN.1 encoding rules: XML Encoding Rules (XER)
ISO 8601	2004	Data elements and interchange formats Information interchange - Representation of dates and times
ISO 9506-2	2003	Industrial automation systems - Manufacturing Message Specification - Part 2: Protocol specification
ISO/IEC 9594-8	-	Information technology - Open Systems - Interconnection - The Directory - Part 8: Public-key and attribute certificate frameworks
ITU-T Recommendation X.227	-	Information technology - Open Systems - Interconnection - Connection-oriented protocol for the Association Control Service Element: Protocol specification
+ A1	-	
IETF RFC 1006	1987	ISO Transport Service on top of the TCP, Version: 3
IETF RFC 2104	1997	HMAC: Keyed-Hashing for Message Authentication
IETF RFC 3526	2003	More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE)
IETF RFC 5114	2003	Additional Diffie-Hellman Groups for Use with IETF - Standards SIST EN IEC 62351-4:2019
IETF RFC 5246	2008	The Transport Cayer Security (TLS) Protocol Version - 1.2 379c123f9af3/sist-en-iec-62351-4-2019
IETF RFC 5480	2009	Elliptic Curve Cryptography Subject Public Key - Information
IETF RFC 5639	2010	Elliptic Curve Cryptography (ECC) Brainpool Standard Curves and Curve Generation -
IETF RFC 5869	2010	HMAC-based Extract-and-Expand Key Derivation Function
IETF RFC 6120	2011	Extensible Messaging and Presence Protocol - (XMPP): Core
IETF RFC 6122	2011	Extensible Messaging and Presence Protocol - (XMPP): Address Format



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

POWER SYSTEMS MANAGEMENT AND ASSOCIATED INFORMATION EXCHANGE – DATA AND COMMUNICATIONS SECURITY –

Part 4: Profiles including MMS and derivatives

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