



CANADIAN STANDARDS  
ASSOCIATION

# INFO UPDATE

## ***Communications/Information***

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*Info Update* is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, e.g., recently published standards, and withdrawn standards. It also gives you highlights of other activities and services.

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## **Completed Projects / Projets terminés**

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### **Reaffirmed Standards**

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**CAN/CSA-ISO/IEC-2022-96 (R2009)**

*Information technology — Character code structure and extension techniques*  
(Adopted ISO/IEC 2022:1994)

**CAN/CSA-ISO/IEC 2382-7:04 (R2009)**

*Information technology — Vocabulary — Part 7: Computer programming*  
(Adopted ISO/IEC 2382-7:2000)

**CAN/CSA-ISO/IEC-6522-96 (R2009)**

*Information technology — Programming languages — PL/1 general purpose subset*  
(Adopted ISO/IEC 6522:1992)

**CAN/CSA-ISO/IEC 6592:04 (R2009)**

*Information technology — Guidelines for the documentation of computer-based application systems* (Adopted ISO/IEC 6592:2000)

**CAN/CSA-ISO/IEC 6937:04 (R2009)**

*Information technology — Coded graphic character set for text communication — Latin alphabet*  
(Adopted ISO/IEC 6937:2001)

**CAN/CSA-ISO/IEC-7776-96 (R2009)**

*Information technology — Telecommunications and information exchange between systems — High-level data link control procedures — Description of the X.25 LAPB-compatible DTE data link procedures* (Adopted ISO/IEC 7776:1995)

**CAN/CSA-ISO/IEC 7810:04 (R2009)**

*Identification cards — Physical characteristics* (Adopted ISO/IEC 7810:2003)

**CAN/CSA-ISO/IEC-8473-2-96 (R2009)**

*Information technology — Protocol for providing the connectionless-mode network service — Part 2: Provision of the underlying service by an ISO/IEC 8802 subnetwork*  
(Adopted ISO/IEC 8473-2:1996)

**CAN/CSA-ISO-8485-96 (R2009)**

*Programming languages — APL* (Adopted ISO 8485:1989)

**CAN/CSA-ISO/IEC-8613-1-95 (R2009)**

*Information technology — Open Document Architecture (ODA) and Interchange Format: Introduction and general principles* (Adopted ISO/IEC 8613-1:1994)

**CAN/CSA-ISO/IEC-8613-2-96 (R2009)**

*Information technology — Open Document Architecture (ODA) and Interchange Format: Document structures* (Adopted ISO/IEC 8613-2:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-8613-4-95 (R2009)**

*Information technology — Open Document Architecture (ODA) and Interchange Format: Document profile* (Adopted ISO/IEC 8613-4:1994)

### **CAN/CSA-ISO/IEC 8613-5-95 (R2009)**

*Information technology — Open Document Architecture (ODA) and Interchange Format: Open Document Interchange format* (Adopted ISO/IEC 8613-5:1994)

### **CAN/CSA-ISO/IEC-8613-6-96 (R2009)**

*Information technology — Open Document Architecture (ODA) and Interchange Format: Character content architectures* (Adopted ISO/IEC 8613-6:1994)

### **CAN/CSA-ISO/IEC-8652-96 (R2009)**

*Information Technology — Programming languages — Ada* (Adopted ISO/IEC 8652:1995)

### **CAN/CSA-ISO/IEC TR 8802-1:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 1: Overview of Local Area Network Standards* (Adopted ISO/IEC TR 8802-1:2001)

### **CAN/CSA-ISO/IEC 8824-1:04 (R2009)**

*Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation* (Adopted ISO/IEC 8824-1:2002)

### **CAN/CSA-ISO/IEC 8824-2:04 (R2009)**

*Information technology — Abstract Syntax Notation One (ASN.1): Information object specification* (Adopted ISO/IEC 8824-2:2002)

### **CAN/CSA-ISO/IEC 8824-3:04 (R2009)**

*Information technology — Abstract Syntax Notation One (ASN.1): Constraint specification* (Adopted ISO/IEC 8824-3:2002)

### **CAN/CSA-ISO/IEC 8824-4:04 (R2009)**

*Information technology — Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications* (Adopted ISO/IEC 8824-4:2002)

### **CAN/CSA-ISO/IEC 8825-1:04 (R2009)**

*Information technology — ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER)* (Adopted ISO/IEC 8825-1:2002)

### **CAN/CSA-ISO/IEC 8859-7:04 (R2009)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 7: Latin/Greek alphabet* (Adopted ISO/IEC 8859-7:2003)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 8859-11:04 (R2009)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 11: Latin/Thai alphabet* (Adopted ISO/IEC 8859-11:2001)

### **CAN/CSA-ISO/IEC TR 9126-2:04 (R2009)**

*Software engineering — Product quality — Part 2: External metrics* (Adopted ISO/IEC TR 9126-2:2003)

### **CAN/CSA-ISO/IEC TR 9126-3:04 (R2009)**

*Software engineering — Product quality — Part 3: Internal metrics* (Adopted ISO/IEC TR 9126-3:2003)

### **CAN/CSA-ISO/IEC-9314-5-96 (R2009)**

*Information technology — Fibre Distributed Data Interface (FDDI) — Part 5: Hybrid Ring Control (HRC)* (Adopted ISO/IEC 9314-5:1995)

### **CAN/CSA-ISO/IEC 9314-20:04 (R2009)**

*Information technology — Fibre distributed data interface (FDDI) — Part 20: Abstract test suite for FDDI physical medium dependent conformance testing (PMD ATS)* (Adopted ISO/IEC 9314-20:2001)

### **CAN/CSA-ISO/IEC 9314-21:04 (R2009)**

*Information technology — Fibre distributed data interface (FDDI) — Part 21: Abstract test suite for FDDI physical layer protocol conformance testing (PHY ATS)* (Adopted ISO/IEC 9314-21:2000)

### **CAN/CSA-ISO/IEC 9314-26:04 (R2009)**

*Information technology — Fibre distributed data interface (FDDI) — Part 26: Media Access Control Conformance Testing (MAC-ATS)* (Adopted ISO/IEC 9314-26:2001)

### **CAN/CSA-ISO/IEC 9496:04 (R2009)**

*CHILL — The ITU-T programming language* (Adopted ISO/IEC 9496:2003)

### **CAN/CSA-ISO/IEC 9805-1:04 (R2009)**

*Information technology — Open Systems Interconnection — Protocol for the Commitment, Concurrency and Recovery service element: Protocol specification* (Adopted ISO/IEC 9805-1:1998)

### **CAN/CSA-ISO/IEC 9945-1:05 (R2009)**

*Information technology — Portable Operating System Interface (POSIX®) — Part 1: Base Definitions* (Adopted ISO/IEC 9945-1:2003)

### **CAN/CSA-ISO/IEC 9945-2:05 (R2009)**

*Information technology — Portable Operating System Interface (POSIX®) — Part 2: System Interfaces* (Adopted ISO/IEC 9945-2:2003)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 9945-3:05 (R2009)**

*Information technology — Portable Operating System Interface (POSIX®) — Part 3: Shell and Utilities (Adopted ISO/IEC 9945-3:2003)*

### **CAN/CSA-ISO/IEC 9945-4:05 (R2009)**

*Information technology — Portable Operating System Interface (POSIX®) — Part 4: Rationale (Adopted ISO/IEC 9945-4:2003)*

### **CAN/CSA-ISO/IEC 10021-1:04 (R2009)**

*Information technology — Message Handling Systems (MHS) Part 1: System and service overview (Adopted ISO/IEC 10021-1:2003)*

### **CAN/CSA-ISO/IEC 10021-2:04 (R2009)**

*Information technology — Message Handling Systems (MHS): Overall Architecture (Adopted ISO/IEC 10021-2:2003)*

### **CAN/CSA-ISO/IEC 10021-4:04 (R2009)**

*Information technology — Message Handling Systems (MHS): Message transfer system — Abstract service definition and procedures (Adopted ISO/IEC 10021-4:2003)*

### **CAN/CSA-ISO/IEC 10021-6:04 (R2009)**

*Information technology — Message Handling Systems (MHS): Protocol specifications (Adopted ISO/IEC 10021-6:2003)*

### **CAN/CSA-ISO/IEC 10021-7:04 (R2009)**

*Information technology — Message Handling Systems (MHS): Interpersonal messaging system (Adopted ISO/IEC 10021-7:2003)*

### **CAN/CSA-ISO/IEC 10026-1-00 (R2009)**

*Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 1: OSI TP Model (Adopted ISO/IEC 10026-1:1998)*

### **CAN/CSA-ISO/IEC 10026-2-00 (R2009)**

*Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 2: OSI TP Service (Adopted ISO/IEC 10026-2:1998)*

### **CAN/CSA-ISO/IEC 10026-3-00 (R2009)**

*Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 3: Protocol specification (Adopted ISO/IEC 10026-3:1998)*

### **CAN/CSA-ISO/IEC 10026-6-00 (R2009)**

*Information technology — Open Systems Interconnection — Distributed Transaction Processing — Part 6: Unstructured Data Transfer (Adopted ISO/IEC 10026-6:1995)*

### **CAN/CSA-ISO/IEC TR 10032:04 (R2009)**

*Information technology — Reference Model of Data Management (Adopted ISO/IEC TR 10032:2003)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 10118-3:04 (R2009)**

*Information technology — Security techniques — Hash-functions — Part 3: Dedicated hash-functions* (Adopted ISO/IEC 10118-3:2004)

### **CAN/CSA-ISO/IEC-10164-1-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Object management function* (Adopted ISO/IEC 10164-1:1993)

### **CAN/CSA-ISO/IEC 10164-2-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: State management function* (Adopted ISO/IEC 10164-2:1993)

### **CAN/CSA-ISO/IEC-10164-3-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Attributes for representing relationships* (Adopted ISO/IEC 10164-3:1993)

### **CAN/CSA-ISO/IEC-10164-4-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Alarm reporting function* (Adopted ISO/IEC 10164-4:1992)

### **CAN/CSA-ISO/IEC-10164-5-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Event report management function* (Adopted ISO/IEC 10164-5:1993)

### **CAN/CSA-ISO/IEC-10164-6-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Log control function* (Adopted ISO/IEC 10164-6:1993)

### **CAN/CSA-ISO/IEC-10164-7-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Security alarm reporting function* (Adopted ISO/IEC 10164-7:1995)

### **CAN/CSA-ISO/IEC-10164-8-95 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Security audit trail function* (Adopted ISO/IEC 10164-8:1993)

### **CAN/CSA-ISO/IEC-10164-12-96 (R2009)**

*Information technology — Open Systems Interconnection — Systems Management: Test management function* (Adopted ISO/IEC 10164-12:1994)

### **CAN/CSA-ISO/IEC-10179-96 (R2009)**

*Information technology — Processing languages — Document Style Semantics and Specification Language (DSSSL)* (Adopted ISO/IEC 10179:1996)

### **CAN/CSA-ISO/IEC 10514-1-00 (R2009)**

*Information technology — Programming languages — Part 1: Modula-2, Base Language* (Adopted ISO/IEC 10514-1:1996)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 10609-40-00 (R2009)**

*Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service — Part 40: Definition of profile TD1131 (Adopted ISO/IEC ISP 10609-40:1995)*

### **CAN/CSA-ISO/IEC ISP 10611-1:04 (R2009)**

*Information technology — International Standardized Profiles AMH1n — Message Handling Systems — Common Messaging — Part 1: MHS Service Support (Adopted ISO/IEC ISP 10611-1:2003)*

### **CAN/CSA-ISO/IEC ISP 10611-3:04 (R2009)**

*Information technology — International Standardized Profiles AMH1n — Message Handling Systems — Common Messaging — Part 3: AMH11 — Message Transfer (P1) (Adopted ISO/IEC ISP 10611-3:2003)*

### **CAN/CSA-ISO/IEC ISP 10611-4:04 (R2009)**

*Information technology — International Standardized Profiles AMH1n — Message Handling Systems — Common Messaging — Part 4: AMH12 and AMH14 — MTS Access (P3) and MTS 94 Access (P3) (Adopted ISO/IEC ISP 10611-4:2003)*

### **CAN/CSA-ISO/IEC ISP 10611-6:04 (R2009)**

*Information technology — International Standardized Profiles AMH1n — Message Handling Systems — Common Messaging — Part 6: AMH15 — MS 94 Access (P7) (Adopted ISO/IEC ISP 10611-6:2003)*

### **CAN/CSA-ISO/IEC-10612-1-96 (R2009)**

*Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 1: Subnetwork-independent requirements (Adopted ISO/IEC ISP 10612-1:1995)*

### **CAN/CSA-ISO/IEC-10612-2-96 (R2009)**

*Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 2: CSMA/CD LAN subnetwork-dependent, media-dependent requirements (Adopted ISO/IEC ISP 10612-2:1995)*

### **CAN/CSA-ISO/IEC-10612-4-96 (R2009)**

*Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging — Part 4: Profile RD51.51 (CSMA/CD LAN — CSMA/CD LAN) (Adopted ISO/IEC ISP 10612-4:1995)*

### **CAN/CSA-ISO/IEC-10731-96 (R2009)**

*Information technology — Open Systems Interconnection — Basic Reference Model — Conventions for the definition of OSI services (Adopted ISO/IEC 10731:1994)*

### **CAN/CSA-ISO/IEC-10745-96 (R2009)**

*Information technology — Open Systems Interconnection — Upper layers security model (Adopted ISO/IEC 10745:1995)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-10967-1-96 (R2009)**

*Information technology — Language independent arithmetic — Part 1: Integer and floating point arithmetic* (Adopted ISO/IEC 10967-1:1994)

### **CAN/CSA-ISO/IEC-11172-4-96 (R2009)**

*Information technology — Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s — Part 4: Compliance testing* (Adopted ISO/IEC 11172-4:1995)

### **CAN/CSA-ISO/IEC 11179-3:04 (R2009)**

*Information technology — Metadata registries (MDR) — Part 3: Registry metamodel and basic attributes* (Adopted ISO/IEC 11179-3:2003)

### **CAN/CSA-ISO/IEC ISP 11185-12-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 12: FVT2116 — Generalized Telnet Synch Control Object; FVT2117 — Generalized Telnet Signal Control Object; FVT2118 — Generalized Telnet Negotiation Control Object; FVT2119 — Generalized Telnet Subnegotiation Control Object* (Adopted ISO/IEC ISP 11185-12:1995)

### **CAN/CSA-ISO/IEC ISP 11185-13-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 13: FVT2111 — Waiting Time Control Object* (Adopted ISO/IEC ISP 11185-13:1995)

### **CAN/CSA-ISO/IEC ISP 11185-14-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 14: FVT2112 — Printer Control Object* (Adopted ISO/IEC ISP 11185-14:1995)

### **CAN/CSA-ISO/IEC ISP 11185-15-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 15: FVT2113 — Field Definition Management Control Object* (Adopted ISO/IEC ISP 11185-15:1995)

### **CAN/CSA-ISO/IEC ISP 11185-16-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 16: FVT2114 — Terminal Signal Titles Control Object* (Adopted ISO/IEC ISP 11185-16:1995)

### **CAN/CSA-ISO/IEC ISP 11185-17-00 (R2009)**

*Information technology — International Standardized Profiles FVT2nn — Virtual Terminal Basic Class — Register of control object type definitions — Part 17: FVT2115 — Help Text Control Object* (Adopted ISO/IEC ISP 11185-17:1995)





## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 11187-4-00 (R2009)**

*Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 4: AVT23 — S-mode Paged Application Profile* (Adopted ISO/IEC ISP 11187-4:1996)

### **CAN/CSA-ISO/IEC ISP 11187-5-00 (R2009)**

*Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 5: AVT16 — A-mode Generalized Telnet Application Profile* (Adopted ISO/IEC ISP 11187-5:1996)

### **CAN/CSA-ISO/IEC ISP 11187-6-00 (R2009)**

*Information technology — International Standardized Profiles AVT1n, AVT2n — Virtual Terminal Basic Class — Application Profiles — Part 6: AVT15 — A-mode Transparent Application Profile* (Adopted ISO/IEC ISP 11187-6:1996)

### **CAN/CSA-ISO/IEC ISP 11188-1-00 (R2009)**

*Information technology — International Standardized Profile — Common upper layer requirements — Part 1: Basic connection oriented requirements* (Adopted ISO/IEC ISP 11188-1:1995)

### **CAN/CSA-ISO/IEC ISP 11188-2-00 (R2009)**

*Information technology — International Standardized Profile — Common upper layer requirements — Part 2: Basic connection oriented requirements for ROSE-based profiles* (Adopted ISO/IEC ISP 11188-2:1996)

### **CAN/CSA-ISO/IEC ISP 11188-3-00 (R2009)**

*Information technology — International Standardized Profile — Common upper layer requirements — Part 3: Minimal OSI upper layer facilities* (Adopted ISO/IEC ISP 11188-3:1996)

### **CAN/CSA-ISO/IEC ISP 11190-00 (R2009)**

*Information technology — International Standardized Profile FDI3 — Directory data definitions — FTAM Use of the Directory* (Adopted ISO/IEC ISP 11190:1995)

### **CAN/CSA-ISO/IEC-11411-96 (R2009)**

*Information technology — Representation for human communication of state transition of software* (Adopted ISO/IEC 11411:1995)

### **CAN/CSA-ISO/IEC-11575-96 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Protocol mappings for the OSI Data Link service* (Adopted ISO/IEC 11575:1995)

### **CAN/CSA-ISO/IEC-12059-0-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 0: Common definitions for management function profiles* (Adopted ISO/IEC ISP 12059-0:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-12059-1-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 1: Object management*  
(Adopted ISO/IEC ISP 12059-1:1995)

### **CAN/CSA-ISO/IEC-12059-2-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 2: State management*  
(Adopted ISO/IEC ISP 12059-2:1995)

### **CAN/CSA-ISO/IEC-12059-3-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 3: Attributes for representing relationships* (Adopted ISO/IEC ISP 12059-3:1995)

### **CAN/CSA-ISO/IEC-12059-4-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 4: Alarm reporting*  
(Adopted ISO/IEC ISP 12059-4:1995)

### **CAN/CSA-ISO/IEC-12059-5-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 5: Event report management*  
(Adopted ISO/IEC ISP 12059-5:1995)

### **CAN/CSA-ISO/IEC-12059-6-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 6: Log control*  
(Adopted ISO/IEC ISP 12059-6:1995)

### **CAN/CSA-ISO/IEC ISP 12059-13-00 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Common information for management functions — Part 13: Summarization*  
(Adopted ISO/IEC ISP 12059-13:1996)

### **CAN/CSA-ISO/IEC-12060-1-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Management functions — Part 1: AOM211 — General management capability*  
(Adopted ISO/IEC ISP 12060-1:1995)

### **CAN/CSA-ISO/IEC-12060-2-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Management functions — Part 2: AOM212 — Alarm reporting and state management capabilities* (Adopted ISO/IEC ISP 12060-2:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-12060-3-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Management functions — Part 3: AOM213 — Alarm reporting capabilities*  
(Adopted ISO/IEC ISP 12060-3:1995)

### **CAN/CSA-ISO/IEC-12060-4-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Management functions — Part 4: AOM221 — General event report management*  
(Adopted ISO/IEC ISP 12060-4:1995)

### **CAN/CSA-ISO/IEC-12060-5-96 (R2009)**

*Information technology — International Standardized Profiles — OSI Management — Management functions — Part 5: AOM231 — General log control* (Adopted ISO/IEC ISP 12060-5:1995)

### **CAN/CSA-ISO/IEC 12061-1-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 1: Introduction to the Transaction Processing Profiles* (Adopted ISO/IEC ISP 12061-1:1995)

### **CAN/CSA-ISO/IEC-12061-2-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 2: Support of OSI TP APDUs*  
(Adopted ISO/IEC ISP 12061-2:1995)

### **CAN/CSA-ISO/IEC-12061-3-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 3: Support of CCR APDUs*  
(Adopted ISO/IEC ISP 12061-3:1995)

### **CAN/CSA-ISO/IEC-12061-4-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 4: Support of Session, Presentation and ACSE PDUs* (Adopted ISO/IEC ISP 12061-4:1995)

### **CAN/CSA-ISO/IEC-12061-5-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 5: Application supported transactions — Polarized control (ATP11)* (Adopted ISO/IEC ISP 12061-5:1995)

### **CAN/CSA-ISO/IEC-12061-6-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 6: Application supported transactions — Shared control (ATP12)* (Adopted ISO/IEC ISP 12061-6:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-12061-7-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 7: Provider supported unchained transactions — Polarized control (ATP21)* (Adopted ISO/IEC ISP 12061-7:1995)

### **CAN/CSA-ISO/IEC-12061-8-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 8: Provider supported unchained transactions — Shared control (ATP22)* (Adopted ISO/IEC ISP 12061-8:1995)

### **CAN/CSA-ISO/IEC-12061-9-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 9: Provider supported chained transactions — Polarized control (ATP31)* (Adopted ISO/IEC ISP 12061-9:1995)

### **CAN/CSA-ISO/IEC-12061-10-96 (R2009)**

*Information technology — Open Systems Interconnection — International Standardized Profiles: OSI Distributed Transaction Processing — Part 10: Provider supported chained transactions — Shared control (ATP32)* (Adopted ISO/IEC ISP 12061-10:1995)

### **CAN/CSA-ISO/IEC ISP 12062-1:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 1: IPM MHS Service Support* (Adopted ISO/IEC ISP 12062-1:2003)

### **CAN/CSA-ISO/IEC ISP 12062-2:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 2: AMH21 — IPM Content* (Adopted ISO/IEC ISP 12062-2:2003)

### **CAN/CSA-ISO/IEC ISP 12062-3:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 3: AMH22 — IPM Requirements for Message Transfer (P1)* (Adopted ISO/IEC ISP 12062-3:2003)

### **CAN/CSA-ISO/IEC ISP 12062-4:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 4: AMH23 and AMH25 — IPM Requirements for MTS Access (P3) and MTS 94 Access (P3)* (Adopted ISO/IEC ISP 12062-4:2003)

### **CAN/CSA-ISO/IEC ISP 12062-5:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 5: AMH24 — IPM Requirements for Enhanced MS Access (P7)* (Adopted ISO/IEC ISP 12062-5:2003)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 12062-6:04 (R2009)**

*Information technology — International Standardized Profiles AMH2n — Message Handling Systems — Interpersonal Messaging — Part 6: AMH26 — IPM Requirements for Enhanced MS 94 Access (P7)* (Adopted ISO/IEC ISP 12062-6:2003)

### **CAN/CSA-ISO/IEC ISP 12064-1-00 (R2009)**

*Information technology — International Standardized Profile FOD112 — Open Document Format: Image Applications — Simple Document Structure — Raster Graphics content architecture — Part 1: Document Application Profile (DAP)* (Adopted ISO/IEC ISP 12064-1:1995)

### **CAN/CSA-ISO/IEC ISP 12069-1-00 (R2009)**

*Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) — Part 1: Introduction to the DFR ISP* (Adopted ISO/IEC ISP 12069-1:1996)

### **CAN/CSA-ISO/IEC ISP 12069-3-00 (R2009)**

*Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) — Part 3: ADF11 — Common Document Filing and Retrieval — Read Only Profile* (Adopted ISO/IEC ISP 12069-3:1996)

### **CAN/CSA-ISO/IEC 12087-1-00 (R2009)**

*Information technology — Computer graphics and image processing — Image Processing and Interchange (IPI) — Functional specification — Part 1: Common architecture for imaging* (Adopted ISO/IEC 12087-1:1995)

### **CAN/CSA-ISO/IEC 12087-2-00 (R2009)**

*Information technology — Computer graphics and image processing — Image Processing and Interchange (IPI) — Functional specification — Part 2: Programmer's imaging kernel system application programme interface* (Adopted ISO/IEC 12087-2:1994)

### **CAN/CSA-ISO/IEC 12088-4-00 (R2009)**

*Information technology — Computer graphics and image processing — Image processing and interchange — Application program interface language bindings* (Adopted ISO/IEC 12088-4:1995)

### **CAN/CSA-ISO/IEC 13249-2:04 (R2009)**

*Information technology — Database languages — SQL multimedia and application packages — Part 2: Full-Text* (Adopted ISO/IEC 13249-2:2003)

### **CAN/CSA-ISO/IEC 13249-3:04 (R2009)**

*Information technology — Database languages — SQL multimedia and application packages — Part 3: Spatial* (Adopted ISO/IEC 13249-3:2003)

### **CAN/CSA-ISO/IEC 13249-5:04 (R2009)**

*Information technology — Database languages — SQL multimedia and application packages — Part 5: Still image* (Adopted ISO/IEC 13249-5:2003)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 13250:04 (R2009)**

*Information technology — SGML applications — Topic maps*  
(Adopted ISO/IEC 13250:2003)

### **CAN/CSA-ISO/IEC 13522-1-00 (R2009)**

*Information technology — Coding of multimedia and hypermedia information — Part 1: MHEG object representation — Base notation (ASN.1)* (Adopted ISO/IEC 13522-1:1997)

### **CAN/CSA-ISO/IEC 13522-3-00 (R2009)**

*Information technology — Coding of multimedia and hypermedia information — Part 3: MHEG script interchange representation* (Adopted ISO/IEC 13522-3:1997)

### **CAN/CSA-ISO/IEC 13575-96 (R2009)**

*Information technology — Telecommunications and information exchange between systems — 50-pole interface connector mateability dimensions and contact number assignments* (Adopted ISO/IEC 13575:1995)

### **CAN/CSA-ISO/IEC 13614-00 (R2009)**

*Information technology — Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method* (Adopted ISO/IEC 13614:1995)

### **CAN/CSA-ISO/IEC 13712-1-00 (R2009)**

*Information technology — Remote Operations: Concepts, model and notation*  
(Adopted ISO/IEC 13712-1:1995)

### **CAN/CSA-ISO/IEC-13714-96 (R2009)**

*Information technology — Document processing and related communication — User interface to telephone-based services — Voice messaging applications* (Adopted ISO/IEC 13714:1995)

### **CAN/CSA-ISO/IEC 13719-2-00 (R2009)**

*Information technology — Portable Common Tool Environment (PCTE) — Part 2: C programming language binding* (Adopted ISO/IEC 13719-2:1998)

### **CAN/CSA-ISO/IEC 13842-00 (R2009)**

*Information technology — 130 mm optical disk cartridges for information interchange — Capacity: 2 Gbytes per cartridge* (Adopted ISO/IEC 13842:1995)

### **CAN/CSA-ISO/IEC 13865:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call Transfer supplementary service* (Adopted ISO/IEC 13865:2003)

### **CAN/CSA-ISO/IEC 13870:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Completion supplementary services* (Adopted ISO/IEC 13870:2003)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 13872:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call Diversion supplementary services (Adopted ISO/IEC 13872:2003)*

### **CAN/CSA-ISO/IEC 13874:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Path Replacement additional network feature (Adopted ISO/IEC 13874:2003)*

### **CAN/CSA-ISO/IEC 14496-14:04 (R2009)**

*Information technology — Coding of audio-visual objects — Part 14: MP4 file format (Adopted ISO/IEC 14496-14:2003)*

### **CAN/CSA-ISO/IEC 14568-00 (R2009)**

*Information technology — DXL: Diagram eXchange Language for tree-structured charts (Adopted ISO/IEC 14568:1997)*

### **CAN/CSA-ISO/IEC 14843:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Offer supplementary service (Adopted ISO/IEC 14843:2003)*

### **CAN/CSA-ISO/IEC 14844:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Do Not Disturb and Do Not Disturb Override supplementary services (Adopted ISO/IEC 14844:2003)*

### **CAN/CSA-ISO/IEC 14846:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Intrusion supplementary service (Adopted ISO/IEC 14846:2003)*

### **CAN/CSA-ISO/IEC 14882:04 (R2009)**

*Programming languages — C++ (Adopted ISO/IEC 14882:2003)*

### **CAN/CSA-ISO/IEC 15050:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Advice Of Charge supplementary services (Adopted ISO/IEC 15050:2003)*

### **CAN/CSA-ISO/IEC 15051:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Recall supplementary service (Adopted ISO/IEC 15051:2003)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 15053:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call Interception additional network feature* (Adopted ISO/IEC 15053:2003)

### **CAN/CSA-ISO/IEC 15054:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Interception additional network feature* (Adopted ISO/IEC 15054:2003)

### **CAN/CSA-ISO/IEC 15429:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Wireless Terminal Location Registration supplementary service and Wireless Terminal Information exchange additional network feature* (Adopted ISO/IEC 15429:2003)

### **CAN/CSA-ISO/IEC 15431:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Wireless terminal call handling additional network features* (Adopted ISO/IEC 15431:2003)

### **CAN/CSA-ISO/IEC 15433:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Wireless Terminal Authentication supplementary services* (Adopted ISO/IEC 15433:2003)

### **CAN/CSA-ISO/IEC 15444-5:04 (R2009)**

*Information technology — JPEG 2000 image coding system: Reference software*  
(Adopted ISO/IEC 15444-5:2003)

### **CAN/CSA-ISO/IEC 15444-6:04 (R2009)**

*Information technology — JPEG 2000 image coding system — Part 6: Compound image file format* (Adopted ISO/IEC 15444-6:2003)

### **CAN/CSA-ISO/IEC 15504-2:04 (R2009)**

*Information technology — Process assessment — Part 2: Performing an assessment*  
(Adopted ISO/IEC 15504-2:2003)

### **CAN/CSA-ISO/IEC 15505:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Message Waiting Indication supplementary service* (Adopted ISO/IEC 15505:2003)

### **CAN/CSA-ISO/IEC 15693-1:04 (R2009)**

*Identification cards — Contactless integrated circuit(s) cards — Vicinity cards — Part 1: Physical characteristics* (Adopted ISO/IEC 15693-1:2000)





## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 15772:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Common Information additional network feature* (Adopted ISO/IEC 15772:2003)

### **CAN/CSA-ISO/IEC 15802-1-96 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 1: Medium Access Control (MAC) service definition* (Adopted ISO/IEC 15802-1:1995)

### **CAN/CSA-ISO/IEC 15802-2-00 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 2: LAN/MAN management* (Adopted ISO/IEC 15802-2:1995)

### **CAN/CSA-ISO/IEC-15802-4-96 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Common specifications — Part 4: System load protocol* (Adopted ISO/IEC 15802-4:1994)

### **CAN/CSA-ISO/IEC 15938-5:04 (R2009)**

*Information technology — Multimedia content description interface — Part 5: Multimedia description schemes* (Adopted ISO/IEC 15938-5:2003)

### **CAN/CSA-ISO/IEC 15938-6:04 (R2009)**

*Information technology — Multimedia content description interface — Part 6: Reference software* (Adopted ISO/IEC 15938-6:2003)

### **CAN/CSA-ISO/IEC TR 15942:04 (R2009)**

*Information technology — Programming languages — Guide for the use of the Ada programming language in high integrity systems* (Adopted ISO/IEC TR 15942:2000)

### **CAN/CSA-ISO/IEC 15991:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call Priority Interruption and Call Priority Interruption Protection supplementary services* (Adopted ISO/IEC 15991:2003)

### **CAN/CSA-ISO/IEC 15992:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Call Priority Interruption and Call Priority Interruption Protection supplementary services* (Adopted ISO/IEC 15992:2003)

### **CAN/CSA-ISO/IEC 16023:04 (R2009)**

*Information technology — International symbology specification — MaxiCode* (Adopted ISO/IEC 16023:2000)

## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 16382:04 (R2009)**

*Information technology — Data interchange on 12,7 mm 208-track magnetic tape cartridges — DLT 6 format (Adopted ISO/IEC 16382:2000)*

### **CAN/CSA-ISO/IEC 16485:04 (R2009)**

*Information technology — Mixed Raster Content (MRC) (Adopted ISO/IEC 16485:2000)*

### **CAN/CSA-ISO/IEC 17309:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Mapping functions for the employment of a circuit mode basic service and the supplementary service user-to-user signalling as a pair of on-demand inter-PINX connections (Adopted ISO/IEC 17309:2000)*

### **CAN/CSA-ISO/IEC 17310:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Mapping functions for the employment of 64 kbit/s circuit mode connections with 16 kbit/s sub-multiplexing (Adopted ISO/IEC 17310:2000)*

### **CAN/CSA-ISO/IEC 17311:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Mapping functions for the employment of 64 kbit/s circuit mode connections with 8 kbit/s sub-multiplexing (Adopted ISO/IEC 17311:2000)*

### **CAN/CSA-ISO/IEC 17462:04 (R2009)**

*Information technology — 3,81 mm wide magnetic tape cartridge for information interchange — Helical scan recording — DDS-4 format (Adopted ISO/IEC 17462:2000)*

### **CAN/CSA-ISO/IEC 17875:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Private User Mobility (PUM) — Registration supplementary service (Adopted ISO/IEC 17875:2000)*

### **CAN/CSA-ISO/IEC 17876:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Private User Mobility (PUM) — Registration supplementary service (Adopted ISO/IEC 17876:2003)*

### **CAN/CSA-ISO/IEC 17877:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Private User Mobility (PUM) — Call handling additional network features (Adopted ISO/IEC 17877:2000)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 17878:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Inter-exchange signalling protocol — Private User Mobility (PUM) — Call handling additional network features*  
(Adopted ISO/IEC 17878:2003)

### **CAN/CSA-ISO/IEC 17913:04 (R2009)**

*Information technology — 12,7mm 128-track magnetic tape cartridge for information interchange — Parallel serpentine format* (Adopted ISO/IEC 17913:2000)

### **CAN/CSA-ISO/IEC 18014-3:04 (R2009)**

*Information technology — Security techniques — Time-stamping services — Part 3: Mechanisms producing linked tokens* (Adopted ISO/IEC 18014-3:2004)

### **CAN/CSA-ISO/IEC TR 18016:04 (R2009)**

*Information technology — Message Handling Systems (MHS): Interworking with Internet e-mail* (Adopted ISO/IEC TR 18016:2003)

### **CAN/CSA-ISO/IEC 18019:04 (R2009)**

*Software and system engineering — Guidelines for the design and preparation of user documentation for application software* (Adopted ISO/IEC 18019:2004)

### **CAN/CSA-ISO/IEC 18036:04 (R2009)**

*Information technology — Icon symbols and functions for World Wide Web browser toolbars*  
(Adopted ISO/IEC 18036:2003)

### **CAN/CSA-ISO/IEC 18052:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Protocol for Computer Supported Telecommunications Applications (CSTA) Phase III* (Adopted ISO/IEC 18052:2000)

### **CAN/CSA-ISO/IEC TR 18053:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Glossary of definitions and terminology for Computer Supported Telecommunications Applications (CSTA) Phase III* (Adopted ISO/IEC TR 18053:2000)

### **CAN/CSA-ISO/IEC TR 18057:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Using ECMA-323 (CSTA XML) in a Voice Browser Environment*  
(Adopted ISO/IEC TR 18057:2004)

### **CAN/CSA-ISO/IEC 19500-2:04 (R2009)**

*Information technology — Open Distributed Processing — Part 2: General Inter-ORB Protocol (GIOP)/Internet Inter-ORB Protocol (IIOP)* (Adopted ISO/IEC 19500-2:2003)

### **CAN/CSA-ISO/IEC TR 19758:04 (R2009)**

*Information technology — Document description and processing languages — DSSSL library for complex compositions* (Adopted ISO/IEC TR 19758:2003)

## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC TR 19760:04 (R2009)**

*Systems engineering — A guide for the application of ISO/IEC 15288 (System life cycle processes)*  
(Adopted ISO/IEC TR 19760:2003)

### **CAN/CSA-ISO/IEC 20926:04 (R2009)**

*Software engineering — IFPUG 4.1 Unadjusted functional size measurement method — Counting practices manual* (Adopted ISO/IEC 20926:2003)

### **CAN/CSA-ISO/IEC TR 20943-1:04 (R2009)**

*Information technology — Procedures for achieving metadata registry content consistency — Part 1: Data elements* (Adopted ISO/IEC TR 20943-1:2003)

### **CAN/CSA-ISO/IEC 21992:04 (R2009)**

*Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Mapping functions for the tunnelling of QSIG through IP networks* (Adopted ISO/IEC 21992:2003)

### **CAN/CSA-ISO/IEC 23651:04 (R2009)**

*Information technology — 8 mm wide magnetic tape cartridge for information interchange — Helical scan recording — AIT-3 format* (Adopted ISO/IEC 23651:2003)

### **CAN/CSA-ISO/IEC 90003:04 (R2009)**

*Software engineering — Guidelines for the application of ISO 9001:2000 to computer software*  
(Adopted ISO/IEC 90003:2004)

### **CAN/CSA-Z243.183-89 (R2009)**

*Information processing systems — Open Systems Interconnection — File Transfer, Access and Management — Part 4: File Protocol Specification* (Adopted ISO 8571-4:1988)