



## Completed Projects / Projets terminés

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### Reaffirmed Standards

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**CAN/CSA-ISO/IEC 1539-3:02 (R2006)**

*Information technology — Programming languages — Fortran — Part 3: Conditional compilation* (Adopted ISO/IEC 1539-3:1999)

**CAN/CSA-ISO/IEC 7816-3-01 (R2006)**

*Information technology — Identification cards — Integrated circuit(s) cards with contacts — Part 3: Electronic signals and transmission protocols* (Adopted ISO/IEC 7816-3:1997)

**CAN/CSA-ISO/IEC 7816-7:02 (R2006)**

*Identification cards — Integrated circuit(s) cards with contacts — Part 7: Interindustry commands for Structured Card Query Language (SCQL)* (Adopted ISO/IEC 7816-7:1999)

**CAN/CSA-ISO/IEC 7816-10:02 (R2006)**

*Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards* (Adopted ISO/IEC 7816-10:1999)

**CAN/CSA-ISO/IEC 7942-3:02 (R2006)**

*Information technology — Computer graphics and image processing — Graphical Kernel Systems (GKS) — Part 3: Audit trail* (Adopted ISO/IEC 7942-3:1999)

**CAN/CSA-ISO/IEC 8073:02 (R2006)**

*Information technology — Open systems interconnection — Protocol for providing the connection-mode transport service* (Adopted ISO/IEC 8073:1997)

**CAN/CSA-ISO/IEC 8073A:02 (R2006)**

*Amendment 1:2002, “Relaxation of class conformance requirements and expedited data service feature negotiation”, to CAN/CSA-ISO/IEC 8073:02, “Information technology — Open systems interconnection — Protocol for providing the connection-mode transport service”* (Adopted Amendment 1:1998 to ISO/IEC 8073:1997)

**CAN/CSA-ISO/IEC 8326:02 (R2006)**

*Information technology — Open systems interconnection — Session service definition* (Adopted ISO/IEC 8326:1996)

**CAN/CSA-ISO/IEC 8326A:02 (R2006)**

*Amendment 1:2002, “Efficiency enhancements”, to CAN/CSA-ISO/IEC 8326:02, “Information technology — Open systems interconnection — Session service definition”* (Adopted Amendment 1:1998 to ISO/IEC 8326:1996)

**CAN/CSA-ISO/IEC 8326B:02 (R2006)**

*Amendment 2:2002, “Nested connections functional unit”, to CAN/CSA-ISO/IEC 8326:02, “Information technology — Open systems interconnection — Session service definition”* (Adopted Amendment 2:1998 to ISO/IEC 8326:1996)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 8473-1-01 (R2006)**

*Information technology — Protocol for providing the connectionless-mode network service: Protocol specification* (Adopted ISO/IEC 8473-1:1998)

### **CAN/CSA-ISO/IEC 8473-3-97 (R2006)**

*Information technology — Protocol for providing the connectionless-mode network service — Provision of the underlying service by an X.25 subnetwork* (Adopted ISO/IEC 8473-3:1995)

### **CAN/CSA-ISO/IEC 8473-5-01 (R2006)**

*Information technology — Protocol for providing the connectionless-mode network service — Provision of the underlying service by ISDN circuit-switched B-channels* (Adopted ISO/IEC 8473-5:1997)

### **CAN/CSA-ISO/IEC-8602-97 (R2006)**

*Information technology — Protocol for providing the OSI connectionless-mode transport service* (Adopted ISO/IEC 8602:1995)

### **CAN/CSA-ISO/IEC 8613-14-01 (R2006)**

*Information technology — Open Document Architecture (ODA) and interchange format: Temporal relationships and non-linear structures* (Adopted ISO/IEC 8613-14:1997)

### **CAN/CSA-ISO/IEC 8649:02 (R2006)**

*Information technology — Open systems interconnection — Service definition for the association control service element* (Adopted ISO/IEC 8649:1996)

### **CAN/CSA-ISO/IEC 8649A:02 (R2006)**

*Amendment 1:2002, “Support of authentication mechanisms for the connectionless mode”, to CAN/CSA-ISO/IEC 8649:02, “Information technology — Open systems interconnection — Service definition for the association control service element”* (Adopted Amendment 1:1997 to ISO/IEC 8649:1996)

### **CAN/CSA-ISO/IEC 8649B:02 (R2006)**

*Amendment 2:2002, “Fast associate mechanism”, to CAN/CSA-ISO/IEC 8649:02, “Information technology — Open systems interconnection — Service definition for the association control service element”* (Adopted Amendment 2:1998 to ISO/IEC 8649:1996)

### **CAN/CSA-ISO/IEC 8650-1:01 (R2006)**

*Information technology — Open systems interconnection — Connection-oriented protocol for the association control service element: Protocol specification* (Adopted ISO/IEC 8650-1:1996)

### **CAN/CSA-ISO/IEC 8650-1A-01 (R2006)**

*Amendment 1:2001, “Incorporation of extensibility markers”, to CAN/CSA-ISO/IEC 8650-1:01, “Information technology — Open systems interconnection — Connection-oriented protocol for the association control service element: Protocol specification”* (Adopted Amendment 1:1997 to ISO/IEC 8650-1:1996)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 8650-1B-01 (R2006)**

*Amendment 2:2001, "Fast associate mechanism", to CAN/CSA-ISO/IEC 8650-1:01, "Information technology — Open systems interconnection — Connection-oriented protocol for the association control service element: Protocol specification (Adopted Amendment 2:1998 to ISO/IEC 8650-1:1996)*

### **CAN/CSA-ISO/IEC 8823-1-97 (R2006)**

*Information technology — Open systems interconnection — Connection-oriented presentation protocol: Protocol specification (Adopted ISO/IEC 8823-1:1994)*

### **CAN/CSA-ISO/IEC 8859-1:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 1: Latin alphabet No. 1 (Adopted ISO/IEC 8859-1:1998)*

### **CAN/CSA-ISO/IEC 8859-2:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 2: Latin alphabet No. 2 (Adopted ISO/IEC 8859-2:1999)*

### **CAN/CSA-ISO/IEC 8859-3:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 3: Latin alphabet No. 3 (Adopted ISO/IEC 8859-3:1999)*

### **CAN/CSA-ISO/IEC 8859-4:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 4: Latin alphabet No. 4 (Adopted ISO/IEC 8859-4:1998)*

### **CAN/CSA-ISO/IEC 8859-5:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 5: Latin/Cyrillic alphabet (Adopted ISO/IEC 8859-5:1999)*

### **CAN/CSA-ISO/IEC 8859-6:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 6: Latin/Arabic alphabet (Adopted ISO/IEC 8859-6:1999)*

### **CAN/CSA-ISO/IEC 8859-9:02 (R2006)**

*Information technology — 8-bit single-byte coded graphic character sets — Part 9: Latin alphabet No. 5 (Adopted ISO/IEC 8859-9:1999)*

### **CAN/CSA-ISO/IEC 9040:02 (R2006)**

*Information technology — Open systems interconnection — Virtual terminal basic class service (Adopted ISO/IEC 9040:1997)*

### **CAN/CSA-ISO/IEC 9314-4:02 (R2006)**

*Information technology — Fibre Distributed Data Interface (FDDI) — Part 4: Single-Mode Fibre Physical Layer Medium Dependent (SMF-PMD) (Adopted ISO/IEC 9314-4:1999)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC-9316-97 (R2006)**

*Information technology — Small computer system interface-2* (Adopted ISO/IEC 9316:1995)

### **CAN/CSA-ISO/IEC 9797-1:02 (R2006)**

*Information technology — Security techniques — Message Authentication Codes (MACS) — Part 1: Mechanisms using a block cipher* (Adopted ISO/IEC 9797-1:1999)

### **CAN/CSA-ISO/IEC 10021-5:02 (R2006)**

*Information technology — Message Handling Systems (MHS): Message store: Abstract service definition* (Adopted ISO/IEC 10021-5:1999)

### **CAN/CSA-ISO/IEC-10026-4-97 (R2006)**

*Information technology — Open systems interconnection — Distributed transaction processing — Part 4: Protocol Implementation Conformance Statement (PICS) proforma* (Adopted ISO/IEC 10026-4:1995)

### **CAN/CSA-ISO/IEC 10030-96 (R2006)**

*Information technology — Telecommunications and information exchange between systems — End system routing information exchange protocol for use in conjunction with ISO/IEC 8878* (Adopted ISO/IEC 10030:1995)

### **CAN/CSA-ISO/IEC 10118-1:02 (R2006)**

*Information technology — Security techniques — Hash-functions — Part 1: General* (Adopted ISO/IEC 10118-1:2000)

### **CAN/CSA-ISO/IEC 10118-2:02 (R2006)**

*Information technology — Security techniques — Hash-functions — Part 2: Hash-functions using an n-bit block cipher* (Adopted ISO/IEC 10118-2:2000)

### **CAN/CSA-ISO/IEC 10164-9-97 (R2006)**

*Information technology — Open systems interconnection — Systems management: Objects and attributes for access control* (Adopted ISO/IEC 10164-9:1995)

### **CAN/CSA-ISO/IEC 10164-10-97 (R2006)**

*Information technology — Open systems interconnection — Systems management: Usage metering function for accounting purposes* (Adopted ISO/IEC 10164-10:1995)

### **CAN/CSA-ISO/IEC 10164-11-97 (R2006)**

*Information technology — Open systems interconnection — Systems Management: Metric objects and attributes* (Adopted ISO/IEC 10164-11:1994)

### **CAN/CSA-ISO/IEC-10180-97 (R2006)**

*Information technology — Processing languages — Standard Page Description Language (SPDL)* (Adopted ISO/IEC 10180:1995)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 10279A-94 (R2006)**

*Amendment 1:1996, “Modules and single character input enhancement”, to CAN/CSA-ISO/IEC 10279-94, “Information technology — Programming languages — Full basic” (Adopted Amendment 1:1994 to ISO/IEC 10279:1994)*

### **CAN/CSA-ISO/IEC 10742C-94 (R2006)**

*Amendment 3:2003, “Addition of new counter attributes”, to CAN/CSA-ISO/IEC 10742-94, “Information technology — Telecommunications and information exchange between systems — Elements of management information related to OSI data link layer standards” (Adopted Amendment 3:1996 to ISO/IEC 10742:1994)*

### **CAN/CSA-ISO/IEC 11518-2:02 (R2006)**

*Information technology — High-Performance Parallel Interface — Part 2: Framing Protocol (HIPPI-FP) (Adopted ISO/IEC 11518-2:2000)*

### **CAN/CSA-ISO/IEC-11518-3-97 (R2006)**

*Information technology — High Performance Parallel Interface — Part 3: Encapsulation of ISO/IEC 8802-2(IEEE Std 802.2) — Logical Link Control Protocol Data Units (HIPPI-LE) (Adopted ISO/IEC 11518-3:1996)*

### **CAN/CSA-ISO/IEC 11518-6:02 (R2006)**

*Information technology — High-Performance Parallel Interface — Part 6: Physical Switch Control (HIPPI-SC) (Adopted ISO/IEC 11518-6:2000)*

### **CAN/CSA-ISO/IEC 11577-97 (R2006)**

*Information technology — Open systems interconnection — Network layer security protocol (Adopted ISO/IEC 11577:1995)*

### **CAN/CSA-ISO/IEC-11584-97 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Private integrated services network — Circuit-mode multi-bearer services — Service description, functional capabilities & information flow (Adopted ISO/IEC 11584:1996)*

### **CAN/CSA-ISO/IEC 11756:02 (R2006)**

*Information technology — Programming languages — M (Adopted ISO/IEC 11756:1999)*

### **CAN/CSA-ISO/IEC ISP 12068-2:02 (R2006)**

*Information technology — International standardized profile FDI 4 — Directory data definitions — Use of the Directory for OSI TP — Part 2: FDI 42 — Enhanced naming and addressing (Adopted ISO/IEC ISP 12068-2:1996)*

### **CAN/CSA-ISO/IEC ISP 12071-1:02 (R2006)**

*Information technology — International standardized profile FCG-nnn — Computer Graphics Metafile interchange format — Part 1: FCG11 — Basic Scientific and Technical graphics (BST) (Adopted ISO/IEC ISP 12071-1:1997)*



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC ISP 12071-2:02 (R2006)**

*Information technology — International standardized profile FCG-nnn — Computer Graphics Metafile interchange format — Part 2: FCG23 — Advanced Scientific and Technical graphics (AST)* (Adopted ISO/IEC ISP 12071-2:1997)

### **CAN/CSA-ISO/IEC ISP 12071-3:02 (R2006)**

*Information technology — International standardized profile FCG-nnn — Computer Graphics Metafile interchange format — Part 3: FCG32 — Basic presentation and visualization — Model profile* (Adopted ISO/IEC ISP 12071-3:1997)

### **CAN/CSA-ISO/IEC ISP 12071-4:02 (R2006)**

*Information technology — International standardized profile FCG-nnn — Computer Graphics Metafile interchange format — Part 4: FCG33 — Advanced Presentation and Visualization (APV)* (Adopted ISO/IEC ISP 12071-4:1997)

### **CAN/CSA-ISO/IEC 13210:02 (R2006)**

*Information technology — Requirements and guidelines for test methods specifications and test method implementations for measuring conformance to POSIX standards* (Adopted ISO/IEC 13210:1999)

### **CAN/CSA-ISO/IEC 13211-1-97 (R2006)**

*Information technology — Programming languages — Prolog — Part 1: General core* (Adopted ISO/IEC 13211-1:1995)

### **CAN/CSA-ISO/IEC 13816:02 (R2006)**

*Information technology — Programming languages, their environments and system software interfaces — Programming language ISLISP* (Adopted ISO/IEC 13816:1997)

### **CAN/CSA-ISO/IEC 13818-3:02 (R2006)**

*Information technology — Generic coding of moving pictures and associated audio information — Part 3: Audio* (Adopted ISO/IEC 13818-3:1998)

### **CAN/CSA-ISO/IEC 13818-6:02 (R2006)**

*Information technology — Generic coding of moving pictures and associated audio information — Part 6: Extensions for DSM-CC* (Adopted ISO/IEC 13818-6:1998)

### **CAN/CSA-ISO/IEC 13818-6A:02 (R2006)**

*Amendment 1:2002, “Additions to support data broadcasting”, to CAN/CSA-ISO/IEC 13818-6:02, “Information technology — Generic coding of moving pictures and associated audio information — Part 6: Extensions for DSM-CC”* (Adopted Amendment 1:2000 to ISO/IEC 13818-6:1998)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 13818-6B:02 (R2006)**

*Amendment 2:2002, "Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services", to CAN/CSA-ISO/IEC 13818-6:02, "Information technology — Generic coding of moving pictures and associated audio information — Part 6: Extensions for DSM-CC"* (Adopted Amendment 2:2000 to ISO/IEC 13818-6:1998)

### **CAN/CSA-ISO/IEC 13864-97 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Private integrated services network — Specification, functional model and information flows — Name identification supplementary services* (Adopted ISO/IEC 13864:1995)

### **CAN/CSA-ISO/IEC-13866-97 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Private integrated services network — Specification, functional model, and information flows — Call completion supplementary services* (Adopted ISO/IEC 13866:1995)

### **CAN/CSA-ISO/IEC 13871-97 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Private telecommunications networks — Digital channel aggregation* (Adopted ISO/IEC 13871:1995)

### **CAN/CSA-ISO/IEC 14598-1:02 (R2006)**

*Information technology — Software product evaluation — Part 1: General overview* (Adopted ISO/IEC 14598-1:1999)

### **CAN/CSA-ISO/IEC 14598-4:02 (R2006)**

*Software engineering — Product evaluation — Part 4: Process for acquirers* (Adopted ISO/IEC 14598-4:1999)

### **CAN/CSA-ISO/IEC 14763-1:02 (R2006)**

*Information technology — Implementation and operation of customer premises cabling — Part 1: Administration* (Adopted ISO/IEC 14763-1:1999)

### **CAN/CSA-ISO/IEC 14766-01 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Use of OSI applications over the internet Transmission Control Protocol (TCP)* (Adopted ISO/IEC 14766:1997)

### **CAN/CSA-ISO/IEC 14776-411:02 (R2006)**

*Information technology — SCSI-3 Architecture Model (SCSI-3 SAM)* (Adopted ISO/IEC 14776-411:1999)



## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 14888-2:02 (R2006)**

*Information technology — Security techniques — Digital signatures with appendix — Part 2: Identity-based mechanisms* (Adopted ISO/IEC 14888-2:1999)

### **CAN/CSA-ISO/IEC 14977:02 (R2006)**

*Information technology — Syntactic metalanguage — Extended BNF* (Adopted ISO/IEC 14977:1996)

### **CAN/CSA-ISO/IEC 15056:02 (R2006)**

*Information technology — Telecommunications and information exchange between systems — Private integrated services network — Inter-exchange signalling protocol — Transit counter additional network feature* (Adopted ISO/IEC 15056:1997)

### **CAN/CSA-ISO/IEC 15068-2:02 (R2006)**

*Information technology — Portable operating system interface (POSIX) system administration — Part 2: Software administration* (Adopted ISO/IEC 15068-2:1999)

### **CAN/CSA-ISO/IEC ISP 15121-3:02 (R2006)**

*Information technology — International Standardized Profile AOD1n — Interactive Manipulation of ODA Documents — Part 3: AOD13 — DTAM/Manipulation* (Adopted ISO/IEC ISP 15121-3:1997)

### **CAN/CSA-ISO/IEC 15459-1:02 (R2006)**

*Information technology — Unique identification of transport units — Part 1: General* (Adopted ISO/IEC 15459-1:1999)

### **CAN/CSA-ISO/IEC 15459-2:02 (R2006)**

*Information technology — Unique identification of transport units — Part 2: Registration procedures* (Adopted ISO/IEC 15459-2:1999)

### **CAN/CSA-ISO/IEC 16500-1:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 1: System reference models and scenarios* (Adopted ISO/IEC 16500-1:1999)

### **CAN/CSA-ISO/IEC 16500-2:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 2: System dynamics, scenarios and protocol requirements* (Adopted ISO/IEC 16500-2:1999)

### **CAN/CSA-ISO/IEC 16500-3:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 3: Contours: Technology domain* (Adopted ISO/IEC 16500-3:1999)

### **CAN/CSA-ISO/IEC 16500-4:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 4: Lower-layer protocols and physical interfaces* (Adopted ISO/IEC 16500-4:1999)





## Reaffirmed Standards (cont'd)

### **CAN/CSA-ISO/IEC 16500-5:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 5: High and mid-layer protocols* (Adopted ISO/IEC 16500-5:1999)

### **CAN/CSA-ISO/IEC 16500-6:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 6: Information representation* (Adopted ISO/IEC 16500-6:1999)

### **CAN/CSA-ISO/IEC 16500-7:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 7: Basic security tools* (Adopted ISO/IEC 16500-7:1999)

### **CAN/CSA-ISO/IEC 16500-8:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 8: Management architecture and protocols* (Adopted ISO/IEC 16500-8:1999)

### **CAN/CSA-ISO/IEC 16500-9:02 (R2006)**

*Information technology — Generic digital audio-visual systems — Part 9: Usage information protocols* (Adopted ISO/IEC 16500-9:1999)

### **CAN/CSA-Z243.184-92 (R2006)**

*Information processing systems — Open systems interconnection — File transfer, access and management — Part 5: Protocol implementation conformance statement proforma* (Adopted ISO/IEC 8571-5:1990)

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## Withdrawn Standards

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### **CAN/CSA-ISO/IEC TR 13335-2-01**

*Information technology — Guidelines for the management of IT security — Part 2: Managing and planning IT security* (Adopted ISO/IEC TR 13335-2:1997)

## **Under Development**

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### **Proposed Withdrawal of Standards**

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For more information about the proposed withdrawal of the following IEC standards, contact Michael Henville at 416-747-2227 or michael-henville@csa.ca:

- **CAN/CSA-ISO/IEC 9075-5:02**  
*Information technology — Database languages — SQL — Part 5: Host language bindings (SQL/Bindings)*
- **CAN/CSA-ISO/IEC 9075-5A:02**  
*Amendment 1:2003, “On-line analytical processing (SQL/OLAP)”, to CAN/CSA-ISO/IEC 9075-5:02, “Information technology — Database languages — SQL — Part 5: Host language bindings (SQL/Bindings)”*



## Proposed Withdrawal of Standards (cont'd)

- **CAN/CSA-ISO/IEC 10646-1-01**  
*Information technology — Universal Multiple-Octet Coded Character Sets (UCS) — Part 1: Architecture and basic multilingual plane*
- **CAN/CSA-ISO/IEC 10646-1A-01**  
*Amendment 1:2003, “Mathematical symbols and other characters” to CAN/CSA-ISO/IEC 10646-1-01, “Information technology — Universal Multiple-Octet Coded Character Sets (UCS) — Part 1: Architecture and basic multilingual plane”*
- **CAN/CSA-ISO/IEC 10646-2:04**  
*Information technology — Universal Multiple-Octet Coded Character Sets (UCS) — Part 2: Supplementary planes*
- **CAN/CSA-ISO/IEC 11588-1-00 (R2004)**  
*Information technology — Message Handling Systems (MHS) management — Part 1: Model and architecture*
- **CAN/CSA-ISO/IEC 15423-1:02**  
*Information technology — Automatic identification and data capture techniques — Bar code scanner and decoder performance testing — Part 1: Linear symbols*