CEN

WORKSHOP

AGREEMENT

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English version

Extensions for Financial Services (XFS) interface specification Release 3.20 - Part 64: Cash Dispenser Device Class Interface Migration from Version 3.10 (CWA 15748) to Version 3.20 (this CWA) Programmer's Reference

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties, the constitution of which is indicated in the foreword of this Workshop Agreement.

The formal process followed by the Workshop in the development of this Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN-CENELEC Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

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Table of Contents

Foreword 4

1. Migration Information 7

2. Cash Dispensers 8

3. References 9

4. Info Commands 10

4.1 WFS_INF_CDM_STATUS 10
4.2 WFS_INF_CDM_CAPABILITIES 15
4.3 WFS_INF_CDM_CASH_UNIT_INFO 19
4.4 WFS_INF_CDM_TELLER_INFO 26
4.5 WFS_INF_CDM_CURRENCY_EXP 28
4.6 WFS_INF_CDM_MIX_TYPES 29
4.7 WFS_INF_CDM_MIX_TABLE 30
4.8 WFS_INF_CDM_PRESENT_STATUS 31

5. Execute Commands 33

5.1 WFS_CMD_CDM_DENOMINATE 33
5.2 WFS_CMD_CDM_DISPENSE 36
5.3 WFS_CMD_CDM_COUNT 39
5.4 WFS_CMD_CDM_PRESENT 42
5.5 WFS_CMD_CDM_REJECT 43
5.6 WFS_CMD_CDM_RETRACT 44
5.7 WFS_CMD_CDM_OPEN_SHUTTER 47
5.8 WFS_CMD_CDM_CLOSE_SHUTTER 48
5.9 WFS_CMD_CDM_SET_TELLER_INFO 49
5.10 WFS_CMD_CDM_SET_CASH_UNIT_INFO 50
5.11 WFS_CMD_CDM_START_EXCHANGE 52
5.12 WFS_CMD_CDM_END_EXCHANGE 54
5.13 WFS_CMD_CDM_OPEN_SAFE_DOOR 56
5.14 WFS_CMD_CDM_CALIBRATE_CASH_UNIT 57
5.15 WFS_CMD_CDM_SET_MIX_TABLE 59
5.16 WFS_CMD_CDM_RESET 60
5.17 WFS_CMD_CDM_TEST_CASH_UNITS 62
5.18 WFS_CMD_CDM_SET_GUIDANCE_LIGHT 64
5.19 WFS_CMD_CDM_POWER_SAVE_CONTROL 66
5.20 WFS_CMD_CDM_PREPARE_DISPENSE 67

6. Events 68

6.1 WFS_SRVE_CDM_SAFEDOOROPEN 68

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6.2 WFS_SRVE_CDM_SAFEDOORCLOSED 69
6.3 WFS_USRE_CDM_CASHUNITTHRESHOLD 70
6.4 WFS_SRVE_CDM_CASHUNITINFOCHANGED 71
6.5 WFS_SRVE_CDM_TELLERINFOCHANGED 72
6.6 WFS_EXEE_CDM_DELAYEDDISPENSE 73
6.7 WFS_EXEE_CDM_STARTDISPENSE 74
6.8 WFS_EXEE_CDM_CASHUNITERROR 75
6.9 WFS_SRVE_CDM_ITEMSTAKEN 76
6.10 WFS_SRVE_CDM_COUNTS_CHANGED 77
6.11 WFS_EXEE_CDM_PARTIALDISPENSE 78
6.12 WFS_EXEE_CDM_SUBDISPENSEOK 79
6.13 WFS_EXEE_CDM_INCOMPLETEDISPENSE 80
6.14 WFS_EXEE_CDM_NOTEERROR 81
6.15 WFS_SRVE_CDM_ITEMSPRESENTED 82
6.16 WFS_SRVE_CDM_MEDIADETECTED 83
6.17 WFS_EXEE_CDM_INPUT_P6 84
6.18 WFS_SRVE_CDM_DEVICEPOSITION 85
6.19 WFS_SRVE_CDM_POWER_SAVE_CHANGE 86

7. Sub-Dispensing Command Flow 87

8. Rules for Cash Unit Exchange 90

9. C - Header file 91

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Foreword

This CWA is revision 3.20 of the XFS interface specification.

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties on 2011-06-29, the constitution of which was supported by CEN following the public call for participation made on 1998-06-24. The specification is continuously reviewed and commented in the CEN/ISSS Workshop on XFS. It is therefore expected that an update of the specification will be published in due time as a CWA, superseding this revision 3.20.

A list of the individuals and organizations which supported the technical consensus represented by the CEN Workshop Agreement is available to purchasers from the CEN-CENELEC Management Centre. These organizations were drawn from the banking sector. The CEN/ISSS XFS Workshop gathered suppliers as well as banks and other financial service companies.

The CWA is published as a multi-part document, consisting of:

Part 1: Application Programming Interface (API) - Service Provider Interface (SPI) - Programmer's Reference

Part 2: Service Classes Definition - Programmer's Reference

Part 3: Printer and Scanning Device Class Interface - Programmer's Reference

Part 4: Identification Card Device Class Interface - Programmer's Reference

Part 5: Cash Dispenser Device Class Interface - Programmer's Reference

Part 6: PIN Keypad Device Class Interface - Programmer's Reference

Part 7: Check Reader/Scanner Device Class Interface - Programmer's Reference

Part 8: Depository Device Class Interface - Programmer's Reference

Part 9: Text Terminal Unit Device Class Interface - Programmer's Reference

Part 10: Sensors and Indicators Unit Device Class Interface - Programmer's Reference

Part 11: Vendor Dependent Mode Device Class Interface - Programmer's Reference

Part 12: Camera Device Class Interface - Programmer's Reference

Part 13: Alarm Device Class Interface - Programmer's Reference

Part 14: Card Embossing Unit Class Interface - Programmer's Reference

Part 15: Cash-In Module Device Class Interface - Programmer's Reference

Part 16: Card Dispenser Device Class Interface - Programmer's Reference

Part 17: Barcode Reader Device Class Interface - Programmer's Reference

Part 18: Item Processing Module Device Class Interface- Programmer's Reference

Parts 19 - 28: Reserved for future use.

Parts 29 through 47 constitute an optional addendum to this CWA. They define the integration between the SNMP standard and the set of status and statistical information exported by the Service Providers.

Part 29: XFS MIB Architecture and SNMP Extensions

Part 30: XFS MIB Device Specific Definitions - Printer Device Class

Part 31: XFS MIB Device Specific Definitions - Identification Card Device Class

Part 32: XFS MIB Device Specific Definitions - Cash Dispenser Device Class

Part 33: XFS MIB Device Specific Definitions - PIN Keypad Device Class

Part 34: XFS MIB Device Specific Definitions - Check Reader/Scanner Device Class

Part 35: XFS MIB Device Specific Definitions - Depository Device Class

Part 36: XFS MIB Device Specific Definitions - Text Terminal Unit Device Class

Part 37: XFS MIB Device Specific Definitions - Sensors and Indicators Unit Device Class

Part 38: XFS MIB Device Specific Definitions - Camera Device Class

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Part 39: XFS MIB Device Specific Definitions - Alarm Device Class

Part 40: XFS MIB Device Specific Definitions - Card Embossing Unit Device Class

Part 41: XFS MIB Device Specific Definitions - Cash-In Module Device Class

Part 42: Reserved for future use.

Part 43: XFS MIB Device Specific Definitions - Vendor Dependent Mode Class

Part 44: XFS MIB Application Management

Part 45: XFS MIB Device Specific Definitions - Card Dispenser Device Class

Part 46: XFS MIB Device Specific Definitions - Barcode Reader Device Class

Part 47: XFS MIB Device Specific Definitions - Item Processing Module Device Class

Parts 48 - 60 are reserved for future use.

Part 61: Application Programming Interface (API) - Service Provider Interface (SPI) - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 62: Printer and Scanning Device Class Interface - Migration from Version 3.10 (CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 63: Identification Card Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 64: Cash Dispenser Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 65: PIN Keypad Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 66: Check Reader/Scanner Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 67: Depository Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 68: Text Terminal Unit Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 69: Sensors and Indicators Unit Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 70: Vendor Dependent Mode Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 71: Camera Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 72: Alarm Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 73: Card Embossing Unit Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 74: Cash-In Module Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 75: Card Dispenser Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 76: Barcode Reader Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

Part 77: Item Processing Module Device Class Interface - Migration from Version 3.10 (see CWA 15748) to Version 3.20 (this CWA) - Programmer's Reference

In addition to these Programmer's Reference specifications, the reader of this CWA is also referred to a complementary document, called Release Notes. The Release Notes contain clarifications and explanations on the CWA specifications, which are not requiring functional changes. The current version of the Release Notes is available online from http://www.cen.eu/cen/pages/default.aspx.

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The information in this document represents the Workshop's current views on the issues discussed as of the date of publication. It is furnished for informational purposes only and is subject to change without notice. CEN/ISSS makes no warranty, express or implied, with respect to this document.

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The final review/endorsement round for this CWA was started on 2011-06-23 and was successfully closed on 2011-07-23.The final text of this CWA was submitted to CEN for publication on 2011-08-26.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN-CENELEC Management Centre.

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1. Migration Information

XFS 3.20 has been designed to minimize backwards compatibility issues. This document highlights the changes made to the CDM device class between version 3.10 and 3.20, by highlighting the additions and deletions to the text.

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