**WELMEC Guide 7.2 and other SW Guides – Implementation of SW requirements**

**Invitation to a seminar organized by CMI**

Dates: **1st – 2nd October 2025**

Venue: Czech Agency for Standardization

Address: Prague, Biskupský dvůr 1148/5, 110 00 Praha <https://agenturacas.gov.cz/o-nas/kontakty/>

Price: 400 EUR/person

Capacity: 25 persons (minimum 20 persons)

Speakers: Pavel Klenovský, Martin Koval, Ivana Lacková, Marek Havlíček, Martin Staněk

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| **DAY 1** | | | |
| **Time** | **Topic** | **Description** | **Speaker** |
| **13:00-13:30** | **Registration** | |  |
| 13:30 -13:50 | Introduction and Importance of Software in Measuring Instruments | | P.Klenovský |
| 13:50 -14:30 | Document structure overview | * Structure of the WELMEC Guide 7.2 * How to select the appropriate parts of the guide * How to work with requirement blocks and checklists * WELMEC Guide 7.3 * WELMEC Guide 7.4 * Discussion and Q&A | M.Havlíček |
| **14:30 -14:45** | **Coffee Break** | |  |
| 14:45 -15:45 | Basic requirements | * Requirements for Built-for-Purpose Devices (Type P) * Requirements for Universal Devices (Type U) * Discussion and Q&A | M.Koval |
| **15:45 -16:00** | **Coffee Break** | |  |
| 16:00 -16:50 | Extension S and D | * Requirements for Software Separation (Extension S) * Requirements for Download of Legally Relevant Software (Extension D) * Discussion and Q&A | I.Lacková |
| 16:50-17:20 | Discussion & How not to do it! – Part 1 | | M.Koval |
| 17:30 -21:00 | **Dinner** | | |
| **End of Day 1** | | | |

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| **DAY 2** | | | |
| **Time** | **Topic** | **Description** | **Speaker** |
| 9:00 - 9:40 | Extension L and T | * Requirements for Storage of Measurement Data (Extension L) * Requirements for Transmission of Measurement Data (Extension T) * Discussion and Q&A | M.Koval |
| 9:40 - 10:15 | Operating Systems (Extension O) | * Requirements * Discussion and Q&A | M.Staněk |
| **10:15 -10:30** | **Coffee Break** | |  |
| 10:30 - 11:00 | Software in NAWIs | * EN 45501:2015 - Technical and functional requirements, Data storage devices (DSD) * WELMEC Guide 7.5 – comparison between EN 45501:2015 and WELMEC Guide 7.2 * Discussion and Q&A | I.Lacková |
| 11:00 - 11:30 | Extension I | * Instrument-specific software requirements * Specific software requirements for Discontinuous and Continuous Totalisers * Discussion and Q&A | M.Havlíček |
| **11:30 - 11:45** | **Coffee Break** | |  |
| 11:45 - 12:30 | POS systems | * Technical requirements for POS * Functional examination * Evaluation / Part certificate * Discussion and Q&A | I.Lacková |
| 12:30 -13:10 | WELMEC Guide 7.6 | * WELMEC 7.6: Software Risk Assessment * Risk identification * Risk analysis * Risk evaluation * Discussion and Q&A | M.Staněk |
| 13:10-13:40 | Discussion & How not to do it! – Part 2 | | M.Koval |
| **13:40 - 14:40** | **Lunch** | |  |
| **End of Day 2** | | | |