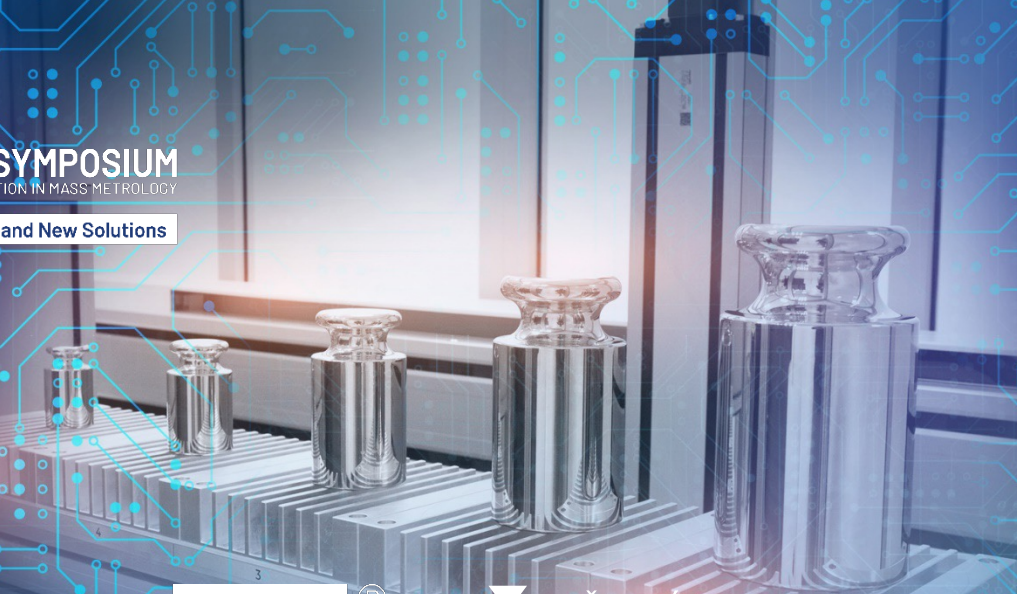




# METROLOGY SYMPOSIUM

DIGITALIZATION AND AUTOMATION IN MASS METROLOGY

Third Edition: Future and New Solutions



ČESKÝ  
METROLOGICKÝ  
INSTITUT

**A system for carrying out procedures of mass standards calibration in a measurement laboratory.**



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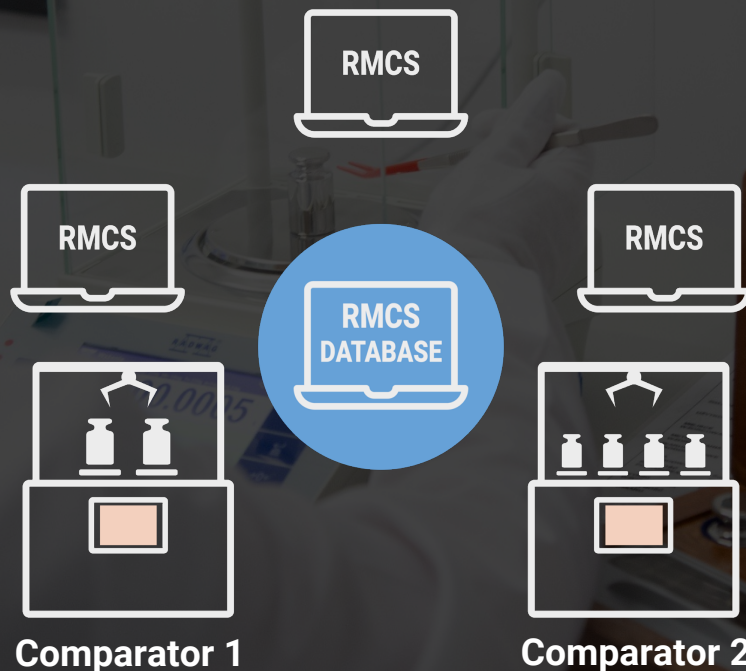
Presenter

## Cezary Górka

Software Development Manager

# What the RMCS is and what it is for

## RMCS Applications on different computers



# What the RMCS is and what it is for

## RMCS Applications on different computers



**Remote operation  
and viewing of the mass  
comparator terminal**



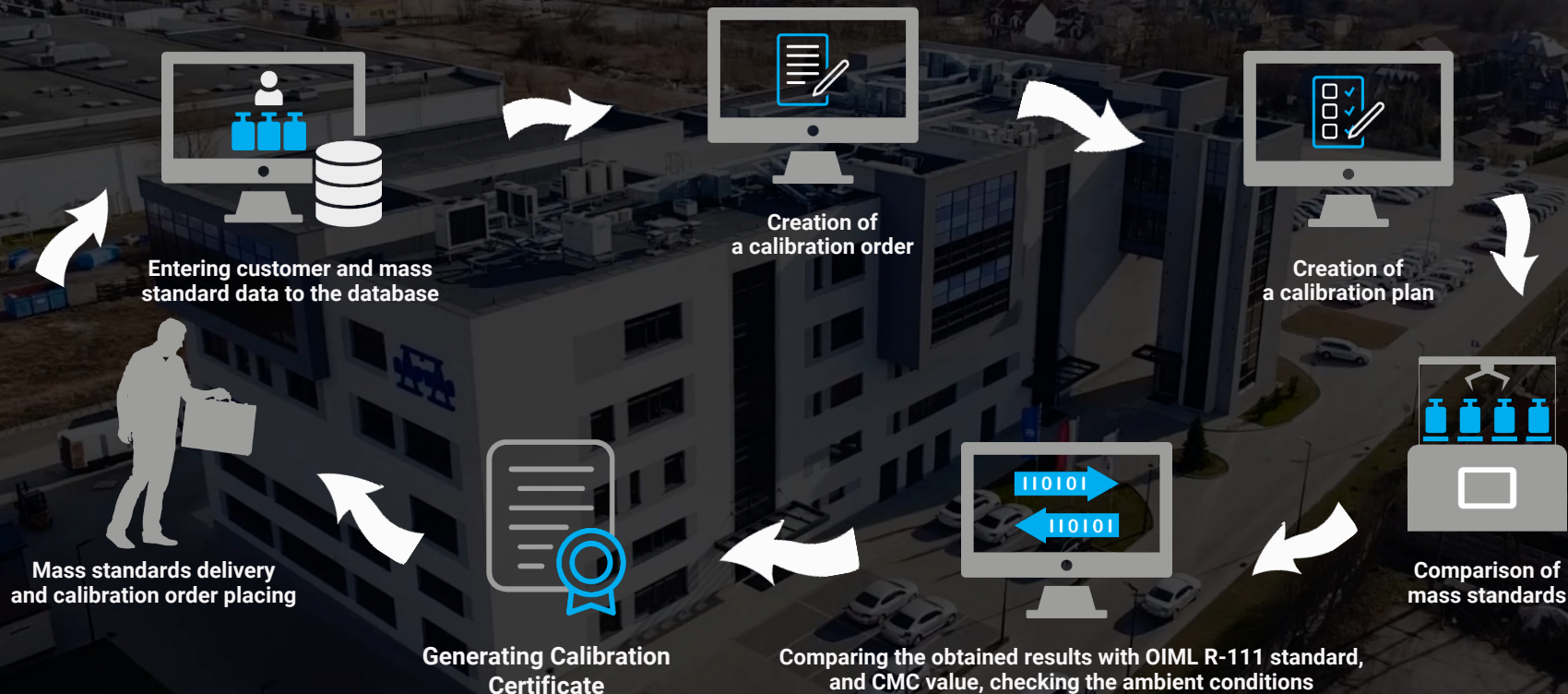
**Comprehensive support for  
the standard calibration  
procedure**



**Laboratory management**

# What the standards calibration process looks like

Full management of customer standards calibration from order acceptance to certificate issuance.



# Compatibility with a wide range of RADWAG products

- RMCS is compatible with manual, automatic and robot comparators.
- Our THB sensors allow to carry out the precise environmental measurements.
- Simultaneous work at several computer workstations allows the full service of the entire office.



# Compatibility with a wide range of RADWAG products

RMC



ROBOTIC  
Comparators

VACUUM  
Comparators



AVK-1000



AKM-2

AK-4

UMA

AUTOMATIC  
Comparators

Mass  
Comparators

NANO  
Comparators



NANO.AK-4/500



Mass standards



RMCS Software



ACCESSORIES  
for Comparators

MANUALS  
Comparators

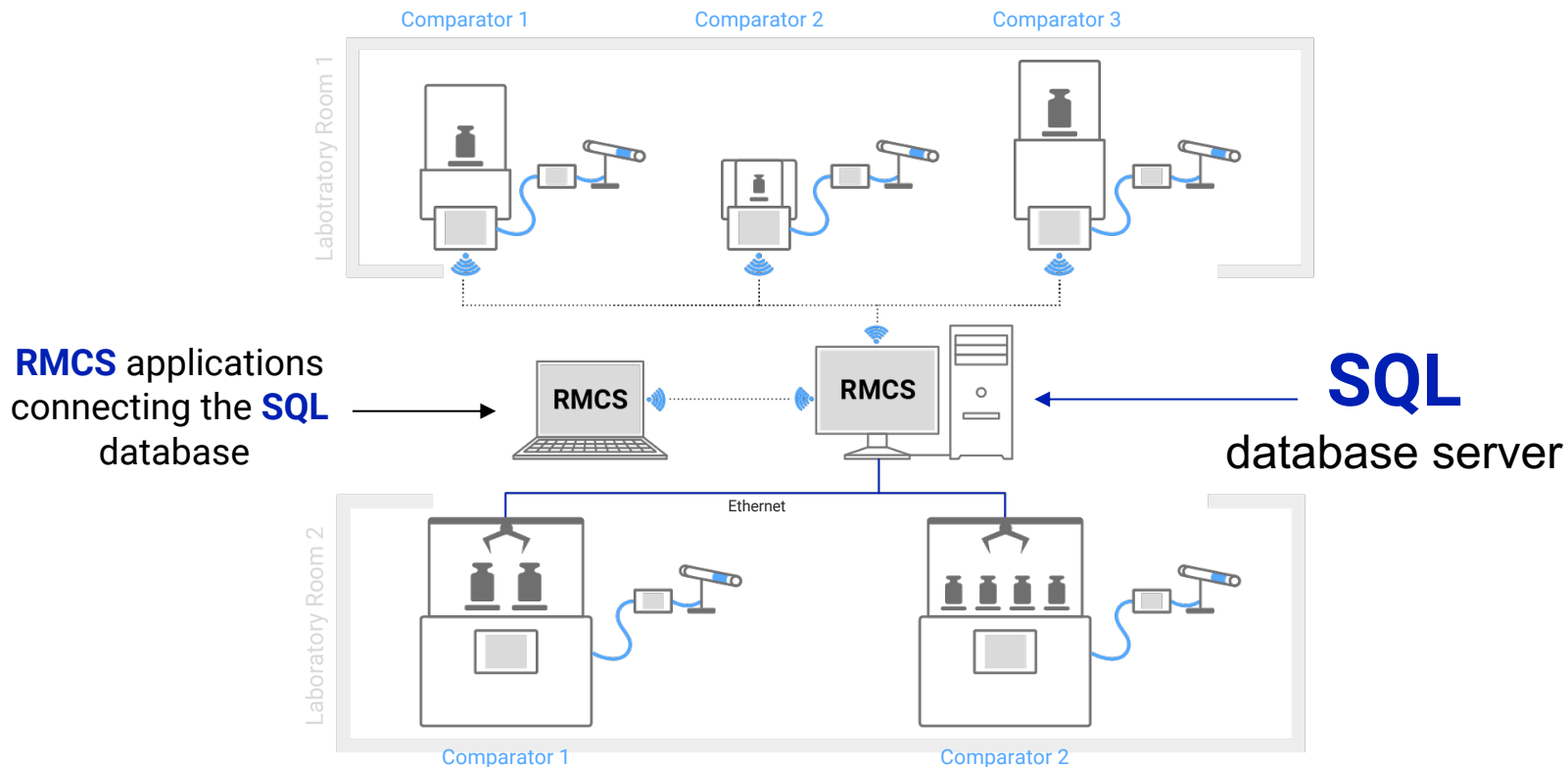


UYA.5Y.KO

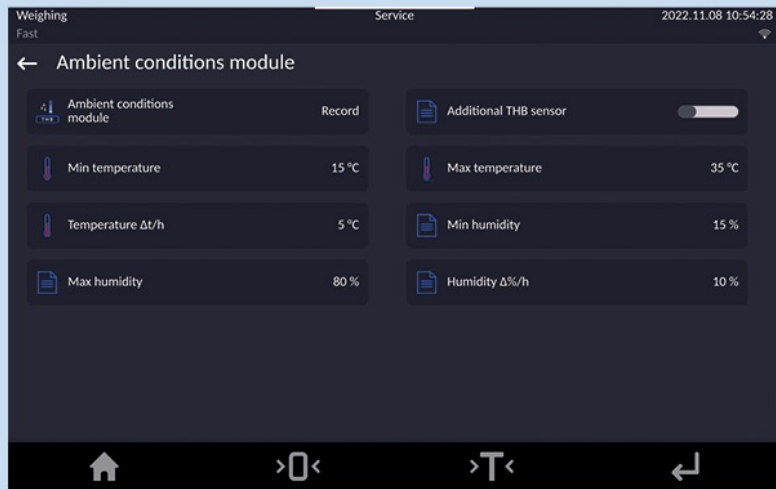
WAY.5Y.KO

APP.5Y.KO

# Precise measurements of the ambient conditions







The program calculates the final calibration result together with estimation of the measurement uncertainty consistent with the OIML R-111-1 recommendation. RMCS contains a database of limit errors permissible for individual masses and classes of standards in accordance with OIML R-111. It also allows to define own value of a permissible error for the non-typical standards.

We offer full compatibility with the **OIML R-111** recommendation.



# Remote service of comparators - terminal

## Remote service of comparator terminals



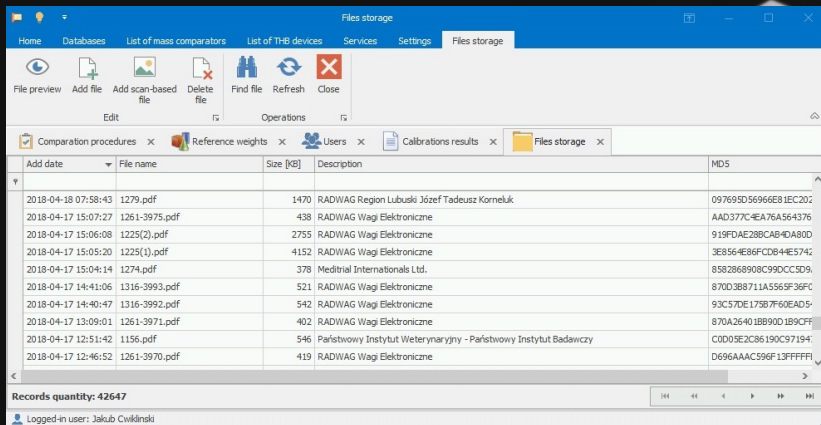
# Wide range of functionality

- Supervision over your equipment – RMCS stores its databases of all devices and will remind you about the expiring certificate deadlines



# Wide range of functionality

- File storage allows to store certificates and documentation of the standards in the database and assign them to orders
- The template of each report and certificate can be conveniently adapted to the needs of your laboratory



Add date	File name	Size [Kb]	Description	MD5
2018-04-18 07:58:43	1279.pdf	1470	RADWAG Region Lubuski Józef Tadeusz Korzek	097695D56966E81EC202
2018-04-17 15:07:27	1261-3975.pdf	438	RADWAG Wag Elektroniczne	AAD377C4EA76A564376
2018-04-17 15:06:08	1225(2).pdf	2755	RADWAG Wag Elektroniczne	919FDAE28BCAB4DA80D
2018-04-17 15:05:20	1225(1).pdf	4152	RADWAG Wag Elektroniczne	3E8564E86CD644E5742
2018-04-17 15:04:14	1274.pdf	378	Meditrial Internationals Ltd.	858286908C99DC5D9
2018-04-17 14:41:06	1316-3993.pdf	521	RADWAG Wag Elektroniczne	870D388711A5565F36FC
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Records quantity: 42647

Logged-in user: Jakub Cwiklinski



# Wide range of functionality

- **Full calibration history with the ability to filter the results**
- **Customer standards database enabling easy handling of repeated orders**





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**Thank you for  
your attention**

[www.radwag.com](http://www.radwag.com)