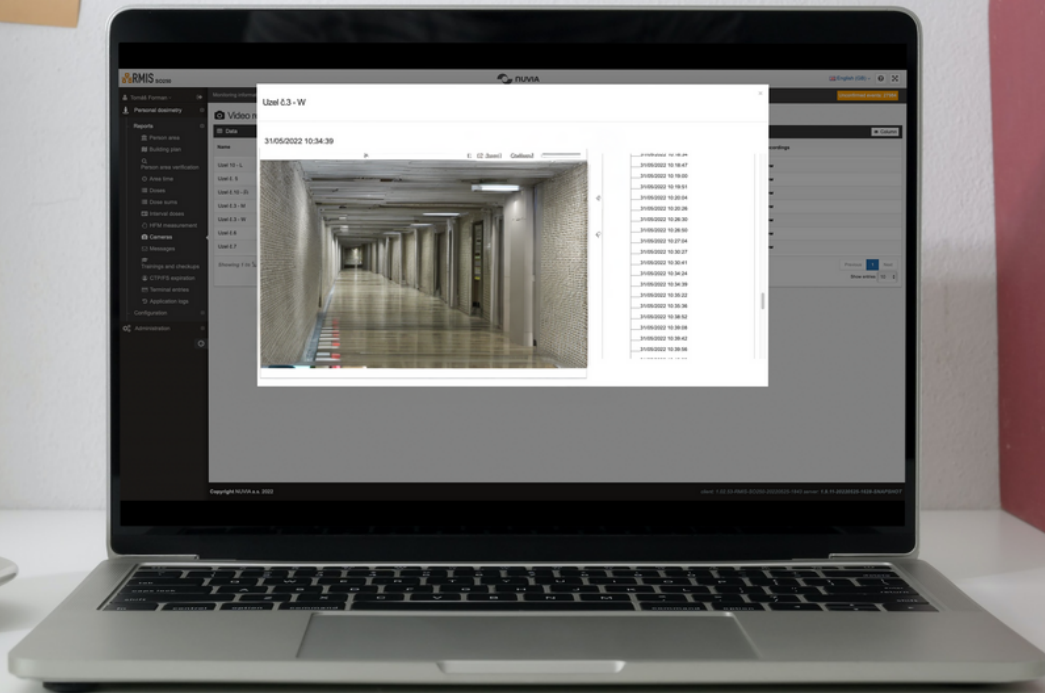


NuSOFT DoRMIS

DOSIMETRIC INFORMATION SYSTEM



NuSOFT DoRMIS is an efficient tool focused on the entrance control of the employees working in the facility where the ionizing radiation is used and/or the access to the controlled area is required. The system evaluates the entrance permissions based on personal dosimetry and additional pre-set rules.

Advantages

- Evaluates the controlled area access based on personal dosimetry, overall radiation situation, required training, medical examination, etc.
- Complies with regulator requirements.
- Improves the personnel radiation protection, contributes to health and safety standards.
- Allows the connection of any contamination and radiation monitoring device with digital interface.

Key features

Flexible

for any controlled access management

Improving

radiation protection and health a safety

Applicable

in any ionizing radiation monitoring system

V20231023

Product description

NuSOFT DoRMIS is server oriented information system ensuring the improvement of the personnel radiation protection and the correct access management to ionizing radiation (IR) operation. It is database and operation system independent and is able to perform on combination of open-source solution, database system and application server.

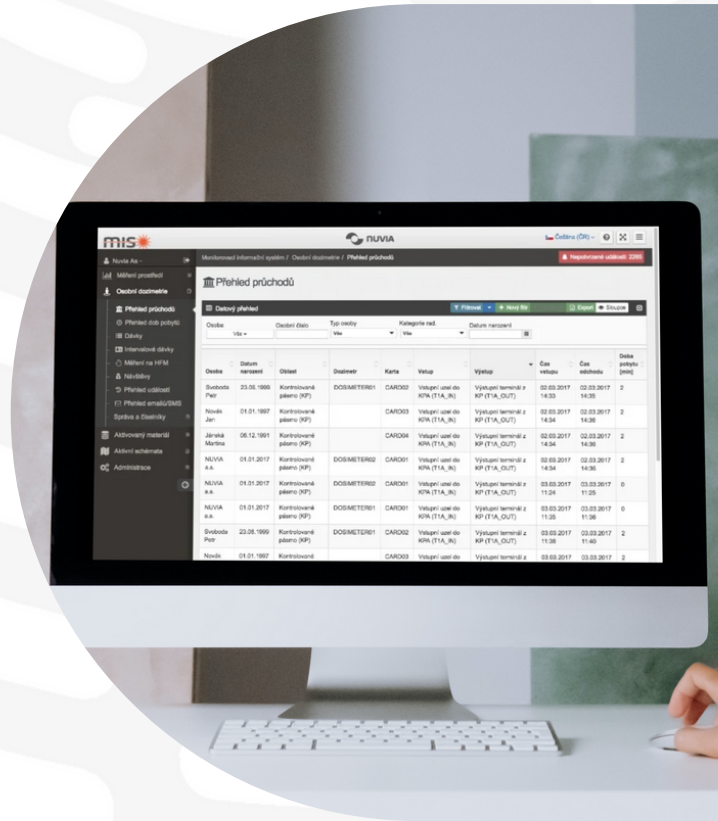
The entrance permission is based on the personal dosimetry and set of rules required by regulator and/or employer. The system co-operate both with passive legal dosimetry using the dose, and/or active electronic personal dosimetry (EPD) processing the dose rate data.

Any dosimeter can be equipped by the RFID chip for personal identification, and substitute access card or chip. Additional pre-set rules, such as personal dose limit, medical examinations, and training, may be specified for the allowed access purposes.

The system manages the data from small to large monitoring network scale, and any other single measuring equipment with digital interface may be connected to the system, e.g. whole body counters, hand/foot monitors, etc.

In addition, system contributes to the facility security by controlling the door locks, tourniquets, gates and barriers.

It is able to operate independently or in combination with other modules. NuSOFT DoRMIS is complementary to NuSOFT RADIS and together the complex and bulk radiation monitoring information system is formed.



Specification

Database	Platform independent
Client OS	Platform independent
Supported HW	NUVIA or any other instrument brand with electronic interface (LAN, USB, Serial, ...)
Application type	Client/Server
API	User defined function supported via Open API interface
Language	Local language support via translation file

Use

- Nuclear power plant
- Nuclear research institute
- Radioactive waste decommissioning facility
- Nuclear medicine department
- Radiology department
- Radiotherapy department
- Radiopharmaceutical laboratories
- PET- centers

Additional information

- Automated or manual data validation and evaluation is performed.
- Visualization of the facility layout and import/export to any file format (.pdf, .xls, etc.) is supported.
- Monitoring instruments can be configured and administrated remotely, two way communication is supported.
- Records stored in the system can be printed, exported or published in the form of report, which can be fully modified by a system administrator.
- System administrator defines access policies for users or groups separately.
- Customized built in interface provides easy data exchange with any third party system (other monitoring infrastructure, regulator authority, public safety units, etc.).
- Alarm automatically warns responsible users in case the limits are exceeded.
- Building security video surveillance can be integrated into system.

Related products

TED, CoMo, HFC, NuDET EGM