DosiCare

Operational Dosimetry Software
Dedicated to Medical Environment

Nuclear
Power

Healthcare

**Homeland
Security
& Defense**

Labs and
Education

Industrial and
Manufacturing

OVERVIEW

The DosiCare Software easily allows the operational dosimetry management of medical specialists and staff of small and mediumsized infrastructures.

Now, in compliance with new regulations, DosiCare transfers individual dosimetric data, makes available a secured Web interface for consultation of individual dosimetric summaries and makes possible the importation of dosimetric data from an Excel or .csv file.

Thanks to its user-friendly and intuitive interface, DosiCare offers a better follow-up of the dosimetric activity of the agents with a real-time control of their authorizations, the implementation of automated alerts in case of regulatory thresholds being exceeded, the follow-up of the cumulated doses and data transfer.

KEY FEATURES

- Compliant with new regulations
- User-friendly and intuitive interface
- Web access to essential information (dosimetric data follow-up)
- Automatic EMAIL capabilities
- Complying with regulations
- Integrated database
- Windows compatible
- Consultation of worker data through the Web
- Standard LAPTOP or desktop PC platform
- Possibility of remote network reader management
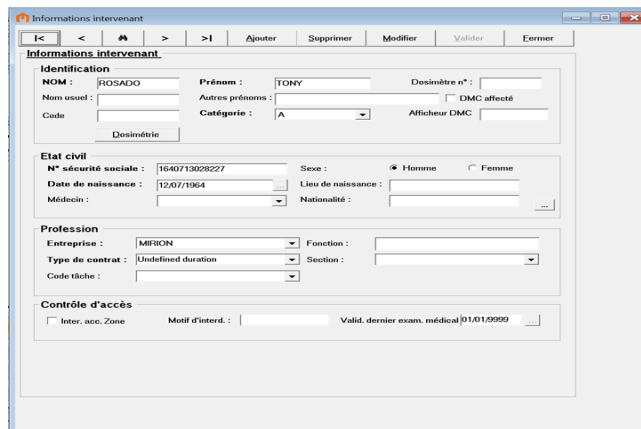
ASSOCIATED PRODUCTS

- Readers: LDM 320D, LDM 320W LDM 2000, LDM 3000M
- Dosimeters: DMC 2000S, DMC 2000 GN, DMC 3000, DMC 3000 neutron, DCM 3000 beta

Health Physics Division

FUNCTIONAL CHARACTERISTICS

- Consultation of dosimetric summary of an agent via the Web, with secured access
- User-friendly and intuitive interface
- Easy to use (secured Web access to essential information)
- Automatic email to RP person with doses and corresponding data extraction
- Automatic loading of alarm thresholds upon activation
- Graphic display by the worker of his last 30 days upon desactivation
- Customization of the dose and dose rate alarms according to the position occupied or task code used.
- Real-time check of dosimeter activation authorization (medical security clearance, dose limit exceeding)
- Temporary or permanent dosimeter assignment
- Schedule board for:
- automatic alert for any deactivation in the presence of a dose or dose rate alarm or prealarm
- automatic alert when a worker comes close to one of his dose limits (configurable)
- reader connection/link loss
- active dosimeter followup
- Individual dosimetry management:
- cumulative totals over the following periods: 1 month, 3 months, 1 year (calendar), 365 days (sliding), 5 years
- daily dose history
- Report printing:
- Summaries: individuals, groups of individuals, over a selectable period
- Collective dosimetry summary per work code
- Data extraction capability from an Excel file or .csv.
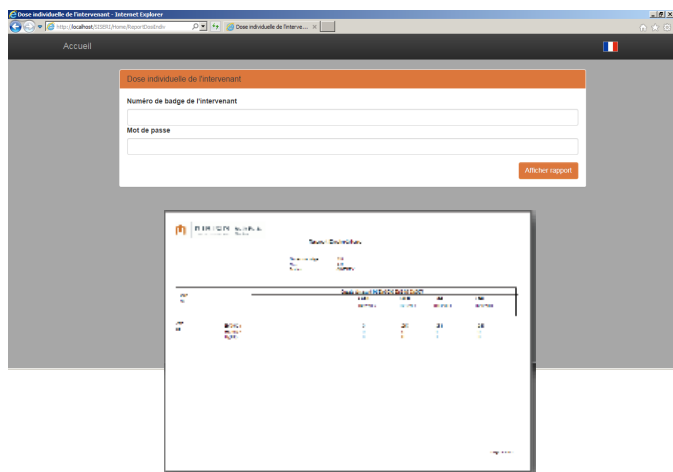
SYSTEM CONFIGURATION

- Operating system to Windows® 8, on PC and Windows® 2008 Server
- Possible virtualization
- Microsoft SQL Server Express® integrated database
- Basic configuration:
- 1 PC with DB and dosimeter reader
- 1 PC for consultation purposes
- Several reader management possibility
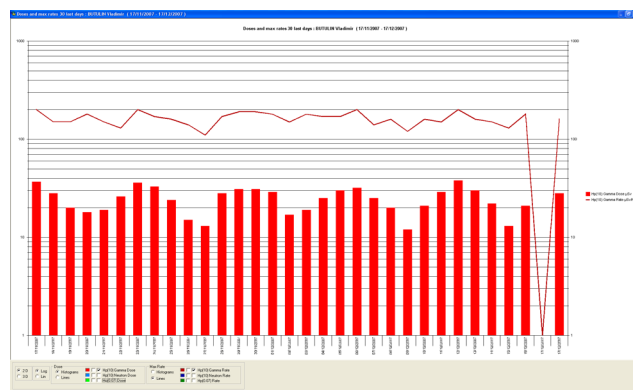- Web consultation station

Dosimetric Sheet for a Worker

Screenshoot of an entry in controlled area

Web consultation screen

Dosimeter return: statistic display

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