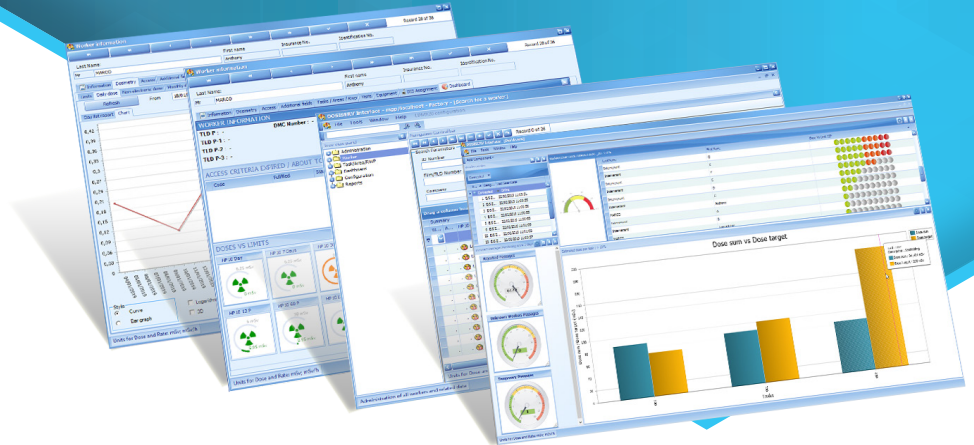




DosiServ™

Health Physics
Dose Management Software



FEATURES

- Real-time access control capabilities:
 - Medical/training due dates checking when issuing an electronic dosimeter
 - Control of the worker's accumulated doses versus configurable dose limits
 - Check of any other worker qualification the Radiation Protection procedure should require
- Electronic dosimeter configuration and reading in real time
- Storage of worker's official dose data (built-in reports are available)
- A true ALARA approach through collective dosimetry features
- Connection to body monitors to record contamination events at exit time
- Compatible with the major IT platforms of the market

DESCRIPTION

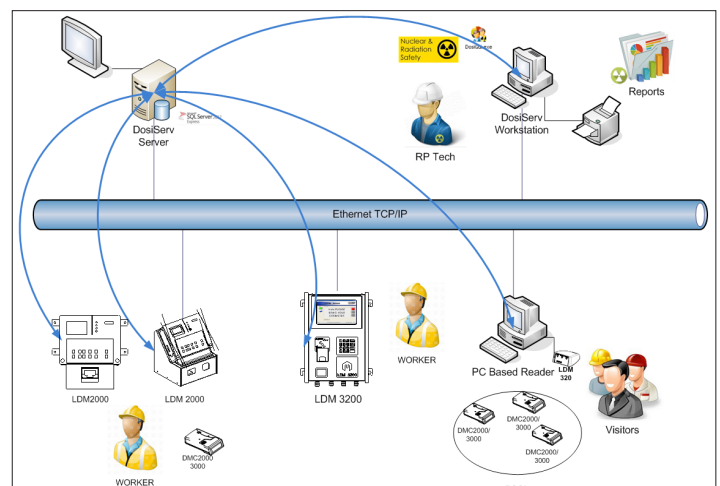
The DosiServ dosimetry system is an integrated state-of-the-art dose management system.

It is intended to:

- handle electronic dose data for workers (individual), Jobs (RWP Radiological Work Permit) in various controlled areas.
- Offer access control capabilities through dosimeters readers.

RELATED PRODUCTS

- LDM 2000: industrial dosimeter reader
- LDM 3200: PC based dosimeter reader
- LDM 320: reader heads
- DBR: reader for DIS dosimeters
- LDM 3000/LDM Access: dosimeters self issue software
- DosiFFR: First Fast Responder software
- DosiCal: IRD 2000 Calibrator Management Software
- DMC 2000, DMC 3000: dosimeters and modules



FUNCTIONAL CHARACTERISTICS

Network based system

Readers and client stations connect to the dosimetry server via TCP/IP (Web access capability for client stations)

Offline mode

If the network becomes unavailable readers will locally store data and automatically upload it once the connection is back

Real-time access control

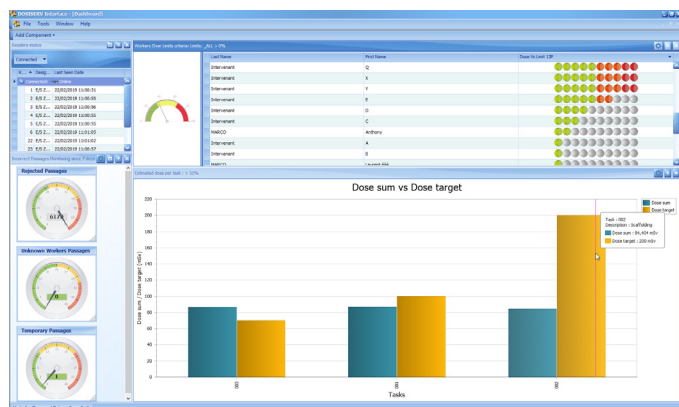
When issuing the dosimeter the system will check:

- Worker identification
- RWP, task authorization
- Area authorization
- Worker qualifications (medical, training, etc.)
- Optionally official dosimeter (barcode) can be verified

Once access granted the system will program the appropriate dosimeter alarm set points.

Data storage

At exit time the system records transaction's details and worker records are updated



Supervision

- The system is delivered with various dose reports (training is available for customer to create custom report)
- Dashboard application offering a powerful and customizable overview on the dosimetry system in real time

Interfacing

- The system is delivered with Web services in order to facilitate exchange with external systems (i.e human

resources/security system)

- Connection with system dedicated to First Fast Responders (DosiFFR Software)
- Collection of dose information from DIS dosimeters (DBR reader needed)

Multilingual

- PC based reader provides up to 6 configurable languages
- Client station is delivered in French, English and Chinese, other languages can be added anytime

Security

- Access to the system is password protected (MS Windows active directory support)
- Any important data modification is stored into a LogBook
- Data access can be filtered per user profile
- Encrypted Client/Server communication

Extended Reader Features (LDM 3000 / LDM Access)

- Ability to configure history data collection and store it in the DosiServ database
- Ability to configure Smart Offline Mode (Standalone Extended Access Control)
- Ability to configure the list of task / RWP codes in entry area

Management of the dosimeter fleet

- Import dosimeter data and calibration dates with DosiCal software
- Import dosimeters batches and their calibration date via an LDM 320 reader
- Ability to activate dosimeter control and their calibration dates in entry area

HARDWARE SETUP

Client workstation (minimum requirements)

- Operating system Windows Seven (XP accepted)
- Memory 1 GB
- Drive 256 GB

Server (minimum requirements)

- Operating system Windows Server 2003
- Memory 4 GB
- Drive 1 TB

Platforms

- Windows 7, 8 & 10 (32 & 64 bits)
- Windows server 2008 R2, 2012 & 2016
- Citrix : XenApp 6.5 & 7,5

Supported databases

- Oracle 10, 11g, 12c, 18, 19c
- SQL Server -SQL express 2008 to 2019