



**POLIMASTER**<sup>®</sup>  
Radiation Detection Technologies



## AUTOMATED PERSONAL DOSIMETRY SYSTEM

# PoliRead<sup>®</sup>

**PoliRead<sup>®</sup> Automated Personal Dosimetry System** is designed for dosimetry data collection and processing and helps to ensure accurate radiation exposure monitoring. APDS provides cost-effective dose monitoring for medical, nuclear, industrial and security applications. The PoliRead consists of a **software reader** for data read-out and **server software** for secure management, analysis, and reporting of occupational exposure data.

The **PoliRead Software Reader** is installed on your Windows PC and is designed for collecting data measurement history from dosimeters connected to a PC via **USB** or **Bluetooth**, transferring it to the PoliRead Server Software and changing dosimeter settings. The installation is facilitated through a dongle, which provides the necessary software and licensing to enable seamless integration with dosimeters.

The **PoliRead Server Software** is a robust application designed to facilitate the seamless uploading of data from PoliRead readers to either a cloud-based or local server database. It provides a secure and efficient solution for storing, processing, and generating reports based on the collected data. The software allows to create the customizable hierarchical database, add new dosimeters and users, set individual and collective thresholds.

### Applications

- Nuclear power plants
- Customs and border
- Police and security
- Industrial facilities
- Healthcare

### Features

- Compatible with the **RadFlash<sup>®</sup>** and **PoliSimeter<sup>™</sup>** dosimeters
- Adjustment and assigning of the dosimeters via the reader
- Integration of up to 10000 dosimeters and 500 readers
- User-friendly reader for fast and easy data read-out
- Easy set-up and configuration

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

### PoliRead® Software Reader

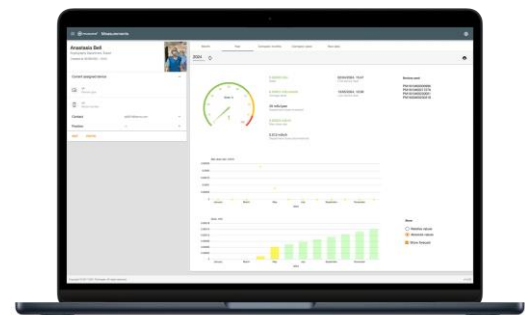
- Dongle-enabled seamless integration
- Communication with the server via Ethernet or Wi-Fi
- Communication with PoliSimeter dosimeters via USB
- Communication with RadFlash dosimeters via Bluetooth
- System requirements: OS Microsoft Windows® 10, Microsoft.NET Framework v.4.5.1 or higher



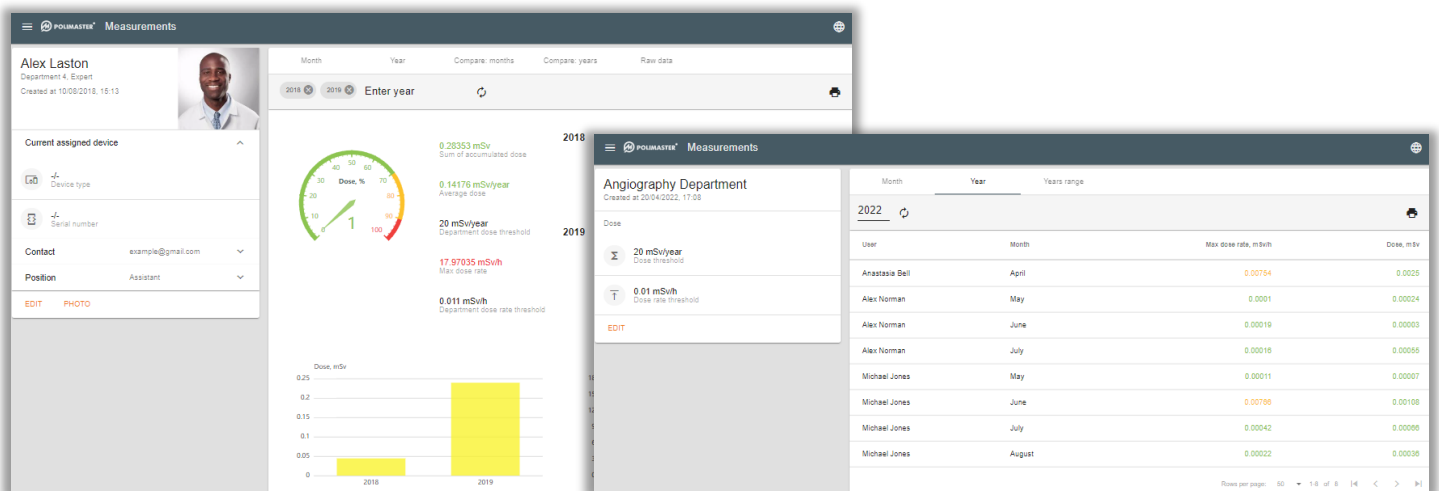
**PoliRead® Software Reader**  
(Windows OS) for collecting data from dosimeters via **USB / Bluetooth** and changing dosimeter settings

### PoliRead® Server Software

- Data export and reporting (various types of reports)
- Creation of a customizable hierarchical database
- Adding new dosimeters and users to the APDS
- Setting individual and collective thresholds
- Accumulation and storage of dose data
- Password-protected three-level access
- Assigning dosimeters to users



**PoliRead® Server Software**  
for uploading data from readers to the cloud or local server database and secure storing, processing and reporting



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