

DMR

Datarail Mark Reader

DMR



Optical Mark Reading Application

Overview

What's DMR?

- DMR is an optical mark reading (OMR) program, for forms scanned to a common document scanner.

Why DMR?

- **Fast** data entry.
- Data entry **without errors**.
- **Multiple forms** reading.
- **Full customization** to the respective needs.
- **Save images** of the forms.
- Resource and personnel **saving**.

Details

Description

DMR application works side by side with **Fujitsu** high-speed and high-quality scanners to **scan, store, and decode** data from OMR forms.



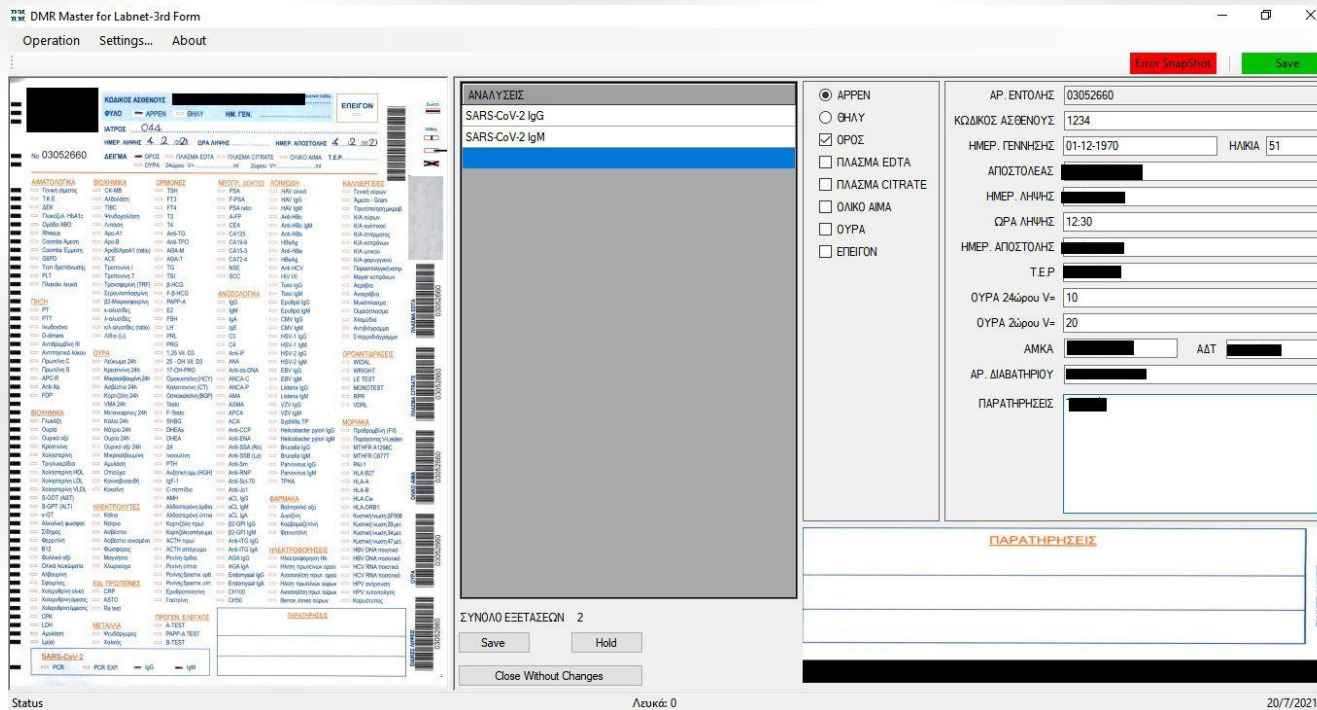
DMR stores the image of each scanned form and also identifies the markings on it. It processes the data from the fields in the form and exports it to files and databases.

It has the ability to recognize Barcodes and printed characters (OCR).

Decoded data and color images of scanned forms are displayed on computer screen and user is able to make additions and corrections, through special forms that are displayed according to the requirements of each application.

The image shows a medical form with a grid of test options. At the top, there is a header with fields for patient information: ΚΩΔΙΚΟΣ ΑΙΘΗΝΟΥΣ (11 ΠΜ), ΗΜΕΡ. ΑΝΗΡΕ (19.12.2021), ΗΡΑ ΑΝΗΡΕ (07:00), ΗΜΕΡ. ΑΠΟΣΤΟΛΗΣ (19.12.2021), and ΕΠΕΙΓΟΝ (ΕΠΕΙΓΟΝ). Below this, there are fields for ΙΑΤΡΟΣ (Α.Μ.), ΗΜΕΡ. ΑΝΗΡΕ (19.12.2021), ΗΡΑ ΑΝΗΡΕ (07:00), ΗΜΕΡ. ΑΠΟΣΤΟΛΗΣ (19.12.2021), and ΔΕΙΓΜΑ (ΟΡΟΣ, ΠΛΑΣΜΑ ΕΔΤΑ, ΠΛΑΣΜΑ CITRATE, ΟΛΙΚΟ ΑΙΜΑ, Τ.Ε.Ρ., ΟΥΡΑ, Ζάχου V, Ζάχου V, ml, Ζάχου V, ml). The main body of the form is a grid of test options, each with a checkbox and a label. The tests are organized into columns: ΑΙΜΑΤΟΛΟΓΙΚΑ, ΒΙΟΧΗΜΙΚΑ, ΟΡΜΟΝΕΣ, ΝΕΟΤΑ, ΔΕΙΚΤΕΣ, ΔΟΙΜΟΔΗ, ΚΑΜΜΕΡΤΕΙΣ, ΠΝΗ, ΟΥΡΑ, ΒΙΟΧΗΜΙΚΑ, ΗΛΕΚΤΡΟΛΥΤΕΣ, ΕΙΣ. ΠΡΟΤΕΙΝΕΣ, ΣΑRS-CoV-2, ΑΝΟΣΟΛΟΓΙΚΑ, ΜΟΡΙΑΚΑ, and ΠΑΡΑΤΗΡΗΣΕΙΣ. At the bottom right, there is a barcode and a field for ΠΑΡΑΤΗΡΗΣΕΙΣ.

It works simultaneously on multiple workstations, so that many users can access and process the same data.



Data can be stored on a local computer, local server or remote server.

Advantages

- Speed and reliability
- Safe results
- Reading different forms
- Reading double side forms
- Barcode and OCR reading
- No special paper or special inks required
- Save images of the forms
- Multiple workstations
- Online data processing

How it works

- DMR application runs on Windows 7 and later operating systems (32 and 64 bit)
- Database or result files can be stored on a local pc or server or on a remote server
- It's fully configured with the respective operating needs of the user
- Analyses, processes and checks the accuracy of the results
- Displays the results on the computer screen so they are instant and easy to read by the user

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