



# THE PAPER-FREE LABORATORY DAILY LOG

A REVOLUTIONARY SOLUTION FOR THE FULLY DIGITAL PROCESSING OF LABORATORY RESULTS BEING COMPLETELY IN COMPLIANCE WITH THE VALID LEGISLATION. THE COMPREHENSIVE ELIMINATION OF PAPER, FULLY DIGITAL VALIDATION AND SIGNIFICANT SAVINGS OF FUNDS AND YOUR EMPLOYEES' TIME.

The Paper-Free Laboratory Daily Log constitutes a comprehensive solution to the electronic processing of laboratory results, including the signing and long-term archiving thereof, all within the confines of the valid legislation. The internal processes of the solution ensure the trustworthiness and long-term nature of the archiving without any need to print anything out - everything fully in accordance with the valid legislation. The solution is supplied as a comprehensive and exceptionally easy-to-implement all-in-one package which includes coordinated hardware, software and implementation and consultation services. The solution is suitable for all types of laboratory operations regardless of the spectrum of their services or their size.

## [ LEGISLATIVE COMPATIBILITY ]

At present, the legislation imposes the obligation of printing and signing laboratory results. Specific responsible individuals with the appropriate authorisation sign the printed results at the designated times. In accordance with Health Services Act no. 372/2011 and Healthcare Documentation Regulation no. 98/2012 Coll., it is possible to maintain healthcare documentation in a fully electronic form given the fulfilment of the prescribed conditions.

The Paper-Free Laboratory Daily Log solution meets all of the conditions required by the legislation, such as the realisation of back-ups within set intervals, saving data at several independent storage sites, encryption or the conditions applied to shredding management.

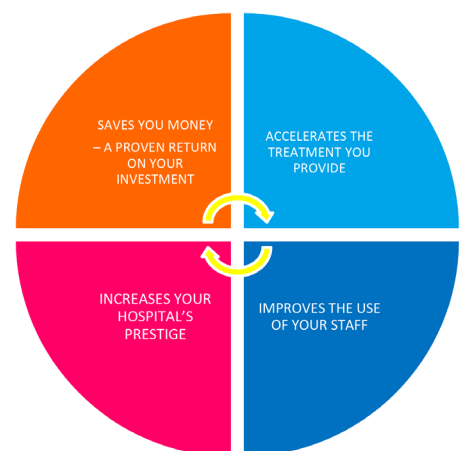
## [ ALL-IN-ONE ]

The solution enables the comprehensive process of archiving laboratory results in electronic form and the full elimination of paper archiving.

The Paper-Free Laboratory Daily Log supports three primary processes within the framework of the laboratory: the printing of dispatch forms, the signing thereof and their subsequent long-term, safe archiving. This all takes place exclusively in digital form.

## PROPERTIES AND ADVANTAGES

- ▶ Quantifiable and substantial financial savings in association with the elimination of printing
- ▶ Exceptionally simple integration with the laboratory information system
- ▶ The acceleration of the process and time savings for staff
- ▶ Increased security for the process
- ▶ Fully compliant with the valid legislation
- ▶ A proven and tested solution
- ▶ A non-invasive solution which does not replace or influence any further information systems at the healthcare facility.



[ The paper-free laboratory log ]

In practice, this means substantial financial savings on printing and the operation of the print infrastructure, the significant acceleration and simplification of the process and the extension of its validity and security.

The solution stands out thanks to its exceptionally simple implementation and integration with the environs. It can be easily connected to a number of information systems thanks to a number of standardised integration mechanisms.

[ THE COMPONENTS IN THE SOLUTION ]

The entire solution is supplied as a fully compact unit. This eliminates any costly, time consuming and risky implementation.

The hardware is a standard part of the solution including tested and safe components ensuring the legislative compatibility considering eg. the multiplication of the physical data storage points, the realisation of back-ups and so on.

The adapter is the solution's communication component, which enables standardised integration with any laboratory information system. This component receives the results from the laboratory in electronic form and ensures that they are signed, time-stamped and sent to the archive in the internationally standardised and secure PDF-A format.

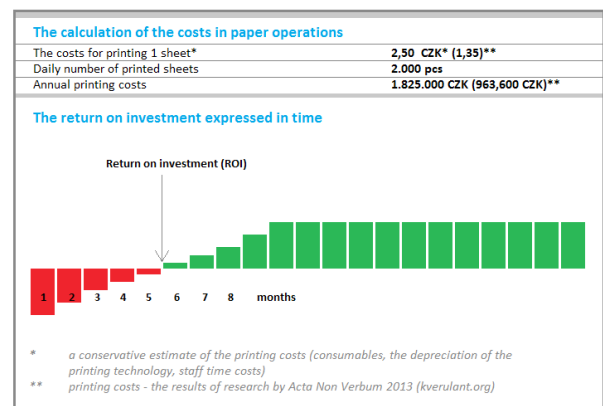
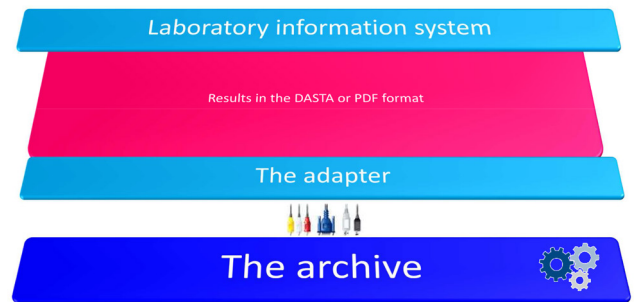
The results from the laboratory's information system are accepted both in the DASTA format and in the PDF format with an additional XML file with the patient's metadata.

Long-term, secure and trustworthy archiving is the component responsible for the secure, fully digital archiving of the results while fulfilling all the legislative conditions.

The solution includes tools for re-stamping documents with the time stamp at the prescribed intervals in accordance with the legislature and mechanisms for multiple back-ups, data encryption or the realisation of legislatively compatible shredding.

[ A PROVEN RETURN ON YOUR INVESTMENT ]

The solution meets the conditions for a quick return on the investment thanks to the process' zero operating costs, which arise in association with the elimination of costly printing which is subject to ever increasing costs.



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