

## THIRD PARTY MEMO

# Schuldenknooppunt

commissioned by

## Stichting Schuldenknooppunt

### *Scope*

Stichting Schuldenknooppunt has commissioned Secura BV to assess the IT security of the authentication mechanism of Schuldenknooppunt. This investigation started on 9 December 2020 and was performed by Menno van der Vooren, and Justin Aarden. It has been performed on the acceptance environment offered by Stichting Schuldenknooppunt.

### *Goal*

The goal of this assessment has been to independently determine the level of the security of the authentication mechanism of Schuldenknooppunt, to identify potential vulnerabilities in this mechanism and to suggest possible improvements to its security.

### *Approach*

This assessment of the authentication mechanism was performed using the crystal-box approach. In an investigation employing the crystal-box method, credentials and source-code are present in advance. Automated tests examine the used standard software to see if it contains publicly known vulnerabilities and configuration errors. In the next step the custom software is manually investigated, supported by tools.

### *Results*

During the assessment several risks have been identified, based on findings. In total, 2 low risk findings have been identified.

We would like to stress that IT security is an on-going process. One must be aware that the results of a security assessment can not give guarantees for the future, and that complete security of systems and organisations can never be guaranteed. Additionally, one must be aware that standard and custom-made software generally contains (IT security) bugs that are not yet known and can not (all) be detected by Secura BV within the limited time frame allotted for a security assessment.

Secura B.V.

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