YOB

Case Study

Secure online accounting thanks to YOB-Teleboekhouden, secured by VASCO’s Strong Authentication.

YOB’s success product is YOB-Teleboekhouden (TeleAccounting): software for online accounting. In YOB’s vision their software puts the cooperation and the relationship between the accountant and his clients first. Thanks to YOB’s web application, accountant and client can easily work together on the numbers and they can achieve better and quicker results. As the numbers are entered online, YOB wanted to add extra security to its Teleboekhouden product and chose VASCO’s DIGIPASS 820 Strong Authentication to secure the access to this application.

For a lot of people it becomes hard to remember how it was working without the Internet. The Internet has conquered an important place in our everyday activities, especially our business activities. Most accountants already work several years with accounting software and use the Internet mostly for communication. YOB’s founders Ronald van Grunsven and Harry Viet saw a much bigger role for the Internet in the accounting world. That’s why they developed the YOB-Teleboekhouden web application.

The Internet makes this way of working possible, but it also brings dangers with it. Confidential data are sent over a public network, which is the home of a growing number of online scams and crimes. “When you take advantage of the possibilities of the Internet, you have to be prepared to put some effort in securing your web application,” says Ronald van Grunsven. “The security you provide has to be in line with the needs of your clients. People want to work from everywhere: office, home, on vacation,… People are mobile, so your security should be mobile.”

VASCO’S DIGIPASS 820 ALIAS YOB I-VERIFIER

YOB opted for VASCO’s DIGIPASS 820 - baptized YOB i-verifier by YOB- and VACMAN Controller Strong Authentication to secure its online accounting software. VASCO’s DIGIPASS 820 is an unconnected card reader which, combined with the YOB smart card and a personal PIN code, gives access to the YOB-Teleboekhouden web application. The modern and convenient design of DIGIPASS 820 allows the user to carry it with him wherever he goes.

To login, the user goes to the homepage of the web application and inserts its smart card in the DIGIPASS 820. The user receives a challenge number on its PC screen and enters it on the keypad of DIGIPASS 820. DIGIPASS 820 then calculates the corresponding response and the user enters the response on the web page of the application to get access.

This response is a unique password that changes every 36 seconds. This means that the user enters a new password with every login - making it useless for fraudster to steal passwords, as every password can only be used once.
VACMAN Controller, VASCO’s authentication backbone, handles the login requests and checks whether the challenge and response correspond. If the result is positive, the authorized user can access the web application. This way only the accountant and the authorized client can access their numbers and can digitally sign transactions. Thanks to the Single Sign On function, accountants and clients only have to login once to access the whole range of functions of the web application.

WHY VASCO?

“We opted for VASCO, because they could offer us an easy to integrate solution that is mobile, very secure and easy to use”, says Harry Viet. “Thanks to VASCO’s success in the banking sector and the analogy between online banking and online accounting, users automatically accepted the use of DIGIPASS for security. The fact that VASCO offers to customize the products, also appealed to us. We now use our customized YOB i-verifier as an efficient marketing tool towards our clients.”

OBJECTIVE

YOB’s star product YOB-Teleboekhouden web application uses the Internet to allow accountants and their clients to communicate easily. YOB wants to secure the web application to avoid that Internet criminals can intercept the confidential data.

CHALLENGE

YOB was looking for high level security that was both mobile and easy to use by the accountants and their clients.

SOLUTION

YOB opted for VASCO’s DIGIPASS 820 and VACMAN Controller Strong Authentication. While the back-end - VACMAN Controller - is easy to integrate, the design of VASCO’s DIGIPASS 820 supports unlimited mobility and flexibility from the user. The success of VASCO in the financial sector enhances the user acceptance of the accountants and their clients, as they are already familiar with strong authentication as banking clients.