

## Security in E-Banking

### Login / Identification

The E-Banking system of the F. Van Lanschot Bankiers (Switzerland) Ltd. is using state of the art security- and login-technology.

Your data is secured through a three-way authentication mechanism;

1. Your personal E-banking contract number
2. Your own chosen password (you need to change the initial password upon your first login)
3. The CrontoSign mosaic as a third security element for the login as well as the transaction authorization

After signing the E-banking contract it will be processed by the bank. Once processing is completed you will receive the aforementioned legitimization data (E-Banking contract number, initial password and the CrontoSign activation code) through separate mail.

### Connection

In order to login to E-banking, please always use our secure E-banking link <https://ebanking.vanlanschot.ch>. **Do not** open the website through a link from an email or any other unsecure link.

### Password

Obviously, cybercrime is a big issue these days and therefore secure passwords become more and more important. Please find below a few suggestions for a secure password.

- Change the initial password immediately after receipt (at least 8 characters).
- You need to use upper and lower case characters, digits and special characters (e.g. \$, #, ! etc.). To enhance the security, use longer and variable passwords without spaces.
- Do not use easily ascertainable combinations such as 123456, asdfgh, birthdays etc.
- Do not use 3 consecutive characters or numbers like aaamm, 11222 etc.
- Do not note down or store the password in an unencrypted form.

**Please note; The bank will never ask you for your password by email or telephone. Therefore, please never give out any such details to anyone.**



## Protection against manipulation

Besides password security, a safe technical environment is also of utmost importance. To reduce the danger against manipulations, we recommend to;

- update the used computer software on a regular basis
- use an antivirus program and a firewall with the latest technology
- read warnings and messages shown by the antivirus program and/or the firewall and adhere to the suggested solutions
- always use the E-banking at the beginning of an internet session
- not open any other internet pages during your E-banking session
- always use the „logout" function to safely exit the E-banking
- delete the browser history and the cache at the end of each session
- check the pending orders for correctness (e.g. beneficiary bank, account number, amount etc.)
- contact your relationship manager if you experience unexpected error messages
- not install any programs of unreliable/unknown origin (e.g. games or utilities downloaded from the internet, received by mail or from other sources). Such files can contain viruses, worms or a Trojan horse that allows malicious usage of data and can take over control of your hard disk.

If you have any further questions, please contact your Relationship Manager.