

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Review the existing User interface

# UI- Review

1. Design elements

2. text elements

3. link elements

4. visual elements

5. user interactions

# 1. Design elements

- Some flaws in the alignment

The screenshot shows the Nitrokey settings window with several sections. The 'Allgemein' (General) section has a list of checkboxes for various settings. The 'Fehlerprotokoll Einstellungen' (Error log settings) section has a text input for the log path and a dropdown for the verbosity level. The 'Zwischenablage Einstellungen' (Clipboard settings) section has two spinners for password and OTP storage duration. A red dashed line and a red '2' highlight the misalignment of the 'Zwischenablage Einstellungen' section header and its content.

Allgemein

- ☐ Zeige Hinweis bei erster Ausführung
- ☒ Show main window on start
- ☐ Zeige Warnung, wenn auf verschlüsseltem Volumen keine Partitionen erkannt wurden (nur Linux)
- ☒ Zeige Nachrichten über Geräte Verbindung/Trennung
- ☒ Öffne Hauptfenster wenn Gerät verbunden wurde
- ☐ Verstecke Hauptfenster wenn Gerät getrennt wurde
- ☒ Nicht beenden wenn Hauptfenster geschlossen ist

Übersetzungs-Datei (erfordert Neustart) gewählt: de\_DE

Fehlerprotokoll Einstellungen

- ☐ Protokollierung aktiviert

Pfad zum Fehlerprotokoll:  Auf Konsole p

Ausführlichkeitsstufe:

Zwischenablage Einstellungen

Dauer Passwort-Safe Geheimnisse in Zwischenablage zu speichern (in Sekunden):

Dauer OTP Geheimnisse in Zwischenablage zu speichern (in Sekunden):

- visual cues for separation

The screenshot shows the Nitrokey interface with a header bar containing a dropdown menu for 'Generated secret target length (bytes)' and two buttons: 'Zurückiges Geheimnis erzeugen' and 'In Zwischenablage kopieren'. Below the header bar is a warning message in German: 'Hinweis: Zweitfaktoren sind nicht gegen physische Angriffe geschützt. Ändern Sie alle Einmalpasswörter falls Sie den Nitrokey verlieren.'

Generated secret target length (bytes):  Zurückiges Geheimnis erzeugen In Zwischenablage kopieren

Hinweis: Zweitfaktoren sind nicht gegen physische Angriffe geschützt. Ändern Sie alle Einmalpasswörter falls Sie den Nitrokey verlieren.

- Button resizes badly for example in french

The screenshot shows the Nitrokey interface with a grid of buttons. The buttons are: 'Débloquer l'espace sécurisé des mots de passe', 'Unlock Encrypted Volume', 'Unlock Hidden Volume', 'Lock Device', '? Help', and 'Quit'. The buttons are arranged in two rows of three. The 'Débloquer l'espace sécurisé des mots de passe' button is significantly larger than the others, indicating a resizing issue.

Débloquer l'espace sécurisé des mots de passe

Unlock Encrypted Volume

Unlock Hidden Volume

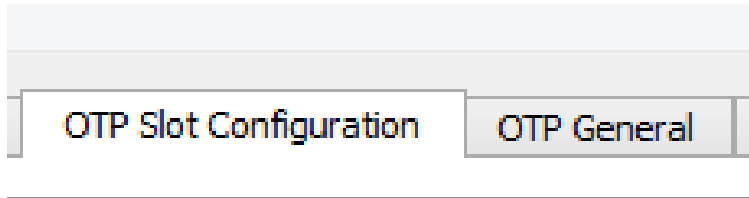
Lock Device

? Help

Quit

# 1. Design elements

- Do we need to separate them?
- Show hotp entries in totp?

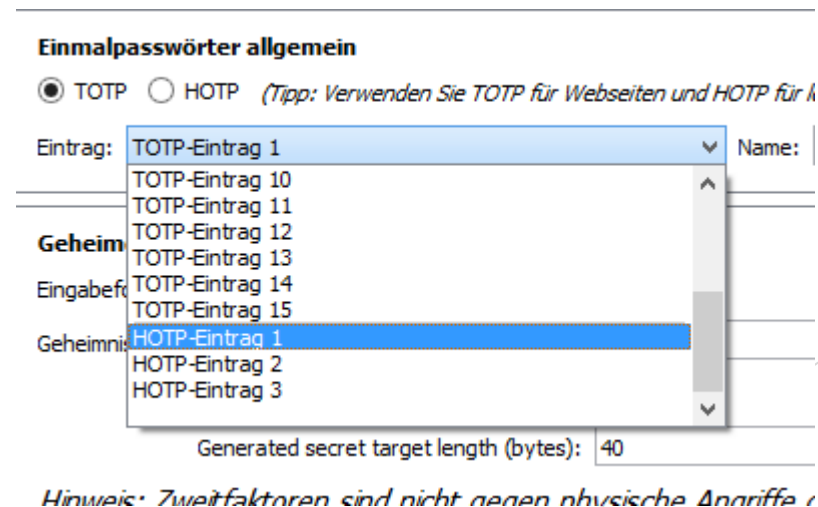


- Settings and Overview

General

Einmalpasswörter allgemein

- do we need to see not existing entries?

A screenshot of a web interface titled 'Einmalpasswörter allgemein'. It features a radio button selection for 'TOTP' (selected) and 'HOTP'. Below this is a list of entries with a dropdown menu showing 'TOTP-Eintrag 1' through 'TOTP-Eintrag 15' and 'HOTP-Eintrag 1' through 'HOTP-Eintrag 3'. The 'HOTP-Eintrag 1' is highlighted. To the right of the list is a 'Name:' label. At the bottom, there is a field for 'Generated secret target length (bytes):' with the value '40'. A note at the very bottom states: 'Hinweis: Zweifaktoren sind nicht gegen physische Angriffe...'.

## 2. Text elements

- ▶ clarity—The textual messages a user receives from an application must be clear.
- ▶ consistency—Use terms and labels for user interface controls that are familiar to users.
- ▶ conciseness—Be as brief as possible, but don't sacrifice meaning for brevity.



- Not much text, but clear and consistent language
- Could have more detailed information for some acronyms (AES, HOTP, TOTP)

### 3. Link elements

- ▶ Everything works as intended
- ▶ One web-link “help”-button to the nitrokey documentation website
  - ▶ Is “help” the indicator for the documentation?
- ▶ links for pop-up window for unlock password safe

## 4. Reviewing Visual Elements

- ▶ 3 colors: grey, white, black
- ▶ no images
- ▶ not interactable buttons have an “grayed” look
- ▶ hovering over buttons-> light blue confirmation
- ▶ more graphics for a better visual design, more suitable to Nitrokey

# 5. Reviewing User Interactions

## ► Button order

- For Windows:  
Cancel is always on the right of OK button
- For MacOS:  
Cancel is on the left of OK button
- For Android:  
Cancel is on the left of the OK button

## ► Control

- Can't tab in every field
- Function keys have no action

