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FUCHS Enprotec GmbH
Stocktal 2
56727 Mayen
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????? ????????? ?????????? ??????? Christian Henrich ?????? James Horton.

??????: +49 2651 8004-0
?????? ??????????: info@fuchswater.com

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Dipl.-Jur. Georg A. Edeler
icertificate GmbH
Werner-von-Siemens-Straße 15
Industriepark Kottenforst
53340 Meckenheim
?????? ??????????: kontakt@icertificate.de

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??????? ????? ????????? ??????? ???????? ??? ??????:

- ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????? ????????? ??? ??? ?????? 25 ?????? 1 ?? TDDDG ??????? ???? ????? ????? ???????? ??? ???????? ?????? ??????? ????????)?
- ????? ??? ?? ?????? ?? ??? ??????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????)?
- ?????? ??????? ?????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????)?
- ????? ??????? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????).

??? ??? ???????? ??????? ????? ?????? ????? ?? ??????? ???? ???? ???????? ??????? ????????? ??? ???? ??? ???. ??? ???? ???????? ???? ??? ????????? ?????? ??? ??? ???????? ?? ?? ??? ?? ????? ????? ??????? ????????. ?? ????? ???? ??????? ???????? ???? ??? ??? ??? ?????.

?? ??? ????? ?????? ???? ?? ????? ????? ??? ?? ??? ??????? ??? ?????? 22 ?? ??????? ?????? ?????? ????????. ???? ??????? ???????? ??????? ?????? ??? ???? ??? ???????? ??????? ????? ??????? ?? ???????? ?? ?????? ?????? ????? ?? ??? ??????? ????? ???.

????????? ?????? ?????????

??? ??????? ?????? ?????????? ??? ???? ???? ????? (Laravel Cloud). ??? ????? ??????? ?????? ???????? ?????? ????? ????? ??????? ?? ????? ????????? ?? ???? (??????? ????????). ??? ????? ????? ?????????? ?????? ??????? ?????? ??? ????? ????? ???????? ??? ??? ??????? ??? ??????? ??? ??? ???????? ??? ?????? ????? ????? ????? IP ????? ??? ??? ?????? ??? ??? ????? ????? ??? ???????.

????? ?? ??????? ?????? ??????? ?????? ???????? ??? ??? ???? ?????? ????????? ??? ??? ?????? (Laravel Nightwatch). ???? ??? ?????? ??????? ????? ?? ?????????? ???????? ?????? ??????? ????????. ??? ???? ?? ????? ????? ?????? ????? ??? ????? IP. ???? ??? ??????? ??? ??????? ????? ????????.

??? ????? ?????? ??????? ??????? ??????? ??? ?? ??????? ??????. ?? ????? ????? ?????? ??? Google Fonts ?? ????? ?????? ????????? ?? ???? ????? ??? ????? ?????? ????? ??? ???? ??? ?????? ??????????.

?????? ???????? ?? ??????? ???????? ?? ????? ??? ????? ????? ?? ??????? ???????? ??? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????). ???? ?? ?????? ??? ???????

???????? ???????? ??? ?????? 28 ?? ??????? ?????? ?????? ????????.

????? ?????? ?????????? ?????? ??????

??? ?? ????? ??????? ??????????? ??? ?????? ?????? ????? ?????? ?????? ?????? ??????? ??? ??? ????? ??????. ???????? ??? ???? ???? ?????? ?????? ???????? ???????? ???? ?? ????????? ??? ??? ?????? ????? (????? ?????) ?? ?????? ??????? ??????? ???????? (Referrer) ??????? ??????? (User-Agent). ?? ??? ????? ????? IP ????? ??? ???? ?????.

?????? ???????? ?? ??????? ???????? ?? ??????? ????? ?????? ?????? ?????????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????).

????? ????? ???????? ?????????

?????? ????? ????? ???????? (Cookies) ??????? ??????. ????? ????? ???????? ???????? ?????? (??? ????? ???????? ??????? ?? ???????? ?????? ???????? ???? ????? ????? ????????) ?????? ?????? ?????? ?????????? ?????? ??? ???? ??????? ???????? ????? ?????? 25 ?????? 2 ?? TDDDG ??? ?????? ??? ??????.

???? ??????? ??? ???????? ???????? ??? ????????? ???????. ?????? ?? ???? ???? ???????? ????? ??? ???????? ???? ?????? ??? ?????? ???????:

- **?????:** ???? ?????? ?????? ??????????? ??? ??????.
- **????????:** ???? ??? ???????? ???????? Google Analytics ????? ????? ??????? ??????? ??? ??????? ????? ???????? ?? ??? ????? ???????.
- **????? ??????:** ??? ??????? ?????? ??? ????? ??????? (YouTube/Vimeo) ?????? ?????? (OpenStreetMap).

?? ???? ?? ???????? ?? ??? ??? ????? ????? ???????? ?????? ???? ?????? ??? ??? ????? ?? ?? ??????? ???????? ????????. ?? ????? ?? "???? ????" ??? "???" ???? ?????? ?? ??? ???????.

??? ??? ???????? ?????? ????? ????? ???????? ??????? ??????? ???????? ???????:

- **fuchs_consent** (?????): ???? ???????? ?? ???? ????????? ??? ???????? 180 ?????.
- **??? ????? ?????? ??????** (?????): ???? ??????? ????? ?????? ????? ??? ????? ???????? ???? ??? ???? ??? 120 ????? ?? ??? ?????? ??? ???? ?????.
- **XSRF-TOKEN** (?????): ???? ??????? ?? ????? ??????? ??? ???????? ??? ?????? ??????.
- **_ga ? _ga_<?????>** (????????? ??? ?????????): ????? ????? ?????? ?? Google Analytics ??????? ??? ????????? ??? ???????? ??? ??? ?????.

?????? ?? ?? ??? ????? ???????? ?? ???? ??? ???? "??????? ????? ????? ????????" ?? ????? ?????? ??????????. ?????? ???????? ??????? ???????? ??? ???????? ?? ?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ???????? ????????? ?? ?????? 25 ?????? 1 ?? TDDDG.

????? ??????? ???????? ??? ?????? ??????????

??? ??????? ???? ??? ????? ??????? ?? ?????? ??????????? ???? ??????? ???????? ???? ???????? (??? ??? ?????? ?????? ????? ?????? ??????????? ??? ??????? ???????? ??? ??????? ????????? ??????? ????????) ?? ??? ?????? ?????. ??????? ???????? ?? ?????? ??????? ??? ????? ?????? ?????? ???? ?????? ???????? ??? ????? ??????. ??????? ?? ????????? ??? ??????? ???? ?????? (??????)? ????? ??????? ??? ??? ????? ??? ???? ???? ?? ????? ??? ?? ??? ???????? ?? ??? ???? ??? ?????? ????? ??????.

?????? ????? ?????? ?????????? ?????? ???? ?????? ???? ???? ???? ????? ??????? ??????? ????? ??? ??? ??????? ???????? ???????? ??? ?????? 28 ?? ??????? ?????? ?????? ????????.

?????? ???????? ?? ?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????? ??? ??? ????? ?????? ??? ????? ?? ????? ???? ??? ??? ??? ??????? ???????? ?? ???? ??? ????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????). ????? ???????? ????? ?????? ?????? ????? ?????? ????? ???? ???? ???????? ????????? ??? ???? ??? ???.

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?????? ??????? ??? ??????? ?????? ???? ??? ?????? ?????????? ?? ????? ??? ????? ??????. ???? ??????? ???????? ???? ???????? (??? ??? ?????? ?????? ?????? ???????? ???? ????? ???? ?????? ?????? ??????? ??????? ????? ????????? ???????? ??? ?????? ??????? ?????????) ??? ?? ??? ????? ??????? ???????.

????? ??????? ??????? ???????? ?? ????? ????? ?????? ???? ????? ???????? ??? ???? ?????? ????? ??? ??????? ??????????. ?????? ???????? ?? ?????? 26 ?????? 1 ?? ????? ????? ???????? ???????? ???????? (BDSG) ????????? ?? ?????? 88 ?? ??????? ?????? ?????? ???????? (??????? ?????? ???)? ?????? ???? ???????? (????? ??????? ?? ????? ?????? ?????????)? ?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????. ?? ??? ??? ????? ????? ???? ????? ?????? ????? ???? ?? ???? ??? ???? ??? ???? ????? ??? ?????? ?????????? ?? ?? ??????? ??? ????? ???? ??? ?? ???? ???????? ??????? ????????? ???.

????? ???????? ????? "?????????? Tropfen"

???? ??? ?????? ?????????? ????? ?????? ???? ??????? ?????????? ???? ??? ??????? ???????? ????????? ?????????? ????????. ?????? ??????? ???? ????????? ????? ?????? ?????? ???? ???????? ??? ????? ????? ???? ??????? ??????? ?????? ???? ???? ???????? ????. ??????? Anthropic (Anthropic PBC? ???????? ??????? ?????????) ????? ?????? ?????? ?? ???? ????? ??

????? ??????? OpenAI (OpenAI, L.L.C.? ???????? ??????? ?????????). ?????? ??????? ???????? ??? ????? ????? ????? ??? ????? ???? (Embedding) ?????? ???? ????? ??? OpenAI. ????? ????? ????????? ??? ????? ????????? ?? ??????? ????????? ???????? ??? ????? ????? ????????? (API) ?????? ??? ?????? ???????? ???????? ?? OpenAI? ???? ???????? ??? ??? ?????? ????? ???????.

????? ??? ????? ?? ?????? ????? ????? ?? ????????. ???? ?? ????? ?????????? ??? ?? ??? ??????? ?? ?????? ??????? ????? ???? ????? ??????? ????? IP ????? ??? ??? ???? ???? ??? ????? ????. ??? ???????? ?????? ?? ????? ???????? ????? ??? ???? ???? ?? ??????? ?????? ??? ????? ??????. ??????? ??? ?????? ????? ?????? ????? ???????? ??????? ??? ?????? ??????? ???????? ??????? ??? ????? ??????.

?????? ??????? ???? ?? ?????? ??????? ???? ????? ???? ???? ???? ?????? ??????? ????????. ??? ??? ?????? ???? ??? ??????:

- **??? ????????**? ???? ??? ?????? ????? ?????? ?????? ??? ???: ?????? ?????? ??? ????? ??????? ???? ?? ?????? ?????? ?????? ???? ????? ?????? ?? ??????? ?????????. ?? ??? ????? ?? ?????? ????? ?? ??? ??????. ?? ???? ?? ??? ????? ????? ???? ????.
- **????????? ??? ??? "????????"**? ???? ???????? ??? ??? ?? ?????? ?????. ????? ?????? ?????? ?????????? ?????? ?????? ???????? ??? ???????. ?????? ?? ??????? ????????? ???? ??????? ???????? ???????? ?????? ???????? ?????? ???.

????? ?????? ???????? ??????? ???????? ??? 90 ?????. ?????? ???????? ???? ??? ??????? ????? ?????? ???? ????? ?????? ?? ??????? ???????? ?? ????? ??????? ????? ?????? ?????????? ??? ????? ??????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????)? ??????? ???????? ?????? ???? ?? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????). ?????? ????? ?????? ????????? ????????? ?????? ?????? ???????? ?? ???? ????? (???????? ??????? ?????????). ??? ????? ????? ????? ?? ???? ?????? ?????? ??? ?????? 46 ?? ??????? ?????? ?????? ????????? ????? ?????? ????????? ????????? ???????? ?????????.

??? ??????? (OpenStreetMap)

???? ????? ??????? ?????? ?????? ????? ?? OpenStreetMap? ????? ??????? ?? ??? OpenStreetMap Foundation (??????? ???????). ?? ??? ????? ??????? ??? ??? ???????? ??? ??? "????? ??????". ??? ????? ?????? ???????? ?????? ????? IP ????? ??? ??? ??????? ??? ??? ????? ?????? ?????? ??????? ??? ???????. ??? ????? ????? ??? ?????? ?????? ?? ??????? ??????? ??? ????? ??? ???????? ???????. ?????? ???????? ?? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????? ?????? 25 ?????? 1 ?? TDDDG).

????? ??????? ??????? (YouTube ? Vimeo)

?? ??? ???????? ????? ????? ????? ?? ????? ?????? YouTube (Google Ireland Limited? ???????? ?? Google LLC? ???????? ??????? ?????????) ? Vimeo (Vimeo.com, Inc.? ???????? ??????? ?????????). ?? ??????? ??? ????????? ??? ??? ???????? ??? ??? "????? ??????" ????? ?????? ??? ???????? ???????. ??? ??? ??? ??? ????? ????? ?????? ?????? ?????? ????? IP ????? ??? ??????? ?????? ?????? ????. ??????? ?? YouTube? ?????? ??? ????? ???????? ????????? (youtube-nocookie).

?????? ???????? ?? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????? ?????? 25 ?????? 1 ?? TDDDG). ???? ?? ??? ??? ??? ?????? ??? ???????? ??????? ?????????? ??? ??? ??? ??? ???? ?????? ?????? ??? ?????? 46 ?? ??????? ?????? ?????? ????????? ??? ??????? ?????????? ?????????? ??? ???? ???? ???????? ????? ????? ??? ?????? ???????? ??? ??????? ???????? ????????? ??????? ????????? (EU-US Data Privacy Framework). ?????? ??? ?????? ??? ?????? ????????? ????? ?????? ??? ??????? ????? ???????? ??? ???????? ????????.

????? ????? ???????? Google Analytics

?????? ??????? ?????? ?????????? ???????? ?????? ???????? ?????? Google Analytics 4? ??? ???? ????? ??? ????? ????? Google Ireland Limited? Gordon House? Barrow Street? Dublin 4? ???????.

?? ??? ????? Google Analytics ??? ??? ???? ?? ?????? ?????? ??? ??? "????????". ??? ????????? ?? ??? ????? ?? ?? ????? ???????? ??? ??? ??? ????? ????? ?????? ???????? ??? ???? ?? ????? ?? Google.

??????? ?? ??? ????? ??? ??? ?????? ??????? ???? ?? ????? ???? ?????? ????? ??? ???? ???????? ?????? ???? ??? ??????? ?????? (Referrer)? ??????? ?? ?????? ????? ??????? ???????? ???? ??????? ????? ???????? ???????? ????? ??? ????? IP ???????? ????? ????? ?????? ?????? ????? ?????? ??? ??????? ??? ???????? ???????. ?? ????? ????? ????? IP? ??? ??? ?????? ????? IP ????? ??? ??? ?? ?????? ??????.

???????? ??? ???? ??????? ??????? ???? ????? ??????? ?? ??????? ?????? ????????? ???????: ????? ??? ?????? ????? ??? ?????? ????? ?????? ??????? ????? ????????? ????? ??????? ??? ????? ??????? ??????? ?????? ??????????. ?? ?????? ??? Google ??? ?? ??????? ?????? ?? ???? ??? ??????? ?? ?????? ??????? ?? ?????? ?????? ?????????? ?? ???? ??????? ?? ??????? ??????? ??? Google.

?????? Google Analytics ??? ???? ?????? ???????: ?? ???? ??? ?? Google Ads? ??? ??????? ????? ????? ??????? ?? ??????? ?????????? ??? ??????? ????? "?????? Google" (Google-Signale). ????? ??? ???????? ??????? ?????????? ???????? ?? Google Analytics ?? 14 ?????.

?????? ?? ??? ??????? ??? ?? Google Ireland Limited. ?? ???? ??????? ??????? ??? ???????? ??? Google LLC ?? ???????? ??????? ?????????. ???? Google LLC ??? ????? ????? ???? ??? ?????? ???????? ??? ??????? ???????? ????????? ??????? ????????? (EU-US Data Privacy Framework)?

???? ???? ????? ???? ?????? ?? ???????? ?????????? ????????? ??? ???? ????? Google ?????? ??????? ??????? ??? ?????? 46 ?? ??????? ?????? ?????? ????????. ???? ?? Google ??? ??????? ???????? ???????? ??? ?????? 28 ?? ??????? ?????? ?????? ????????.

?????? ???????? ?? ??? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????? ?????? 25 ?????? 1 ?? TDDDG). ?????? ?? ?? ??? ??? ???????? ?? ????? ????? ??????? ???????? ??? ???? "??????? ????? ????? ????????" ?? ????? ?????? ??????????. ?????? ?????? ??? ????? ???????? ?? ??? Google Analytics ???????? ??????? ?????? ???????? ???? ?????? Google: tools.google.com/dlpage/gaoptout. ????? ?? ????????? ??? ????? ????? Google ?? ?????? ??????????? ????? ?????? ??? ????? ????? ???????? ??? Google ??? policies.google.com/privacy.

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????? ??? ?????? ?????????? ????? ??? ??????? ??? LinkedIn ? Instagram. ????? ????? ?????? ????? ??? ??????? ????? ?? ?????? (Plugins)? ?? ???? ??? ???????? ??? ???????? ??? ??? ????? ??? ?????? ???? ?????? ???????. ????? ????? ???? ????? ???????? ?????? ???.

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?????? ?????? ??????????? ?????? ????? ?????? ????? ????? ???? ???? ????? ???????. ??? ???? ?????? ?????? ??????? ?????????? ?? ????? ??? (?????? ????? ?????? ??????????? ?????) ????? ??? ????????? ???? ??? ??? ???????. ?????? ???????? ?? ??????? ???????? ?? ????? ?????? ?????????? ?????? ????? ????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????)? ???????? ???????? ????????? ?? ?????? 26 ?????? 1 ?? ????? ????? ???????? ???????? ???????? (BDSG). ???? ?????? ?????????? ??? ??????? ????.

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?? ??? ????? ???????? ??? ?????? ?????? ?????? ??????? ???????? ?????. ???????? ??:

- ???? ????????? ??????? ??????? ????? ??? ?? ??? ????? ????? ??????? ??????? ????????? (??? ??????? ???? ??????? ????????)?
- ???? ???? ?????? ?????????? ????? ??? (???????)?
- ????? ?????? ????????? Anthropic ? OpenAI ???? ??? ????? ???????? (???????? ??????? ?????????)?
- Google Analytics? ??? ??? ????? ?????? ??? ?????????? (???????/???????? ??????? ?????????)?

- ????? ??????? ???????? (OpenStreetMap? YouTube? Vimeo)? ??? ??? ????? ?????? ??? ??????? ?????????
- ?? ????? ?????? ??????? ????????? ???? ?? ???? ??????? ???????? ????.

???? ?? ???? ?????? ???????? ???????? ???? ??? ?????? 28 ?? ??????? ?????? ?????? ????????. ?? ??? ??? ???????? ??? ??? ????? ??? ??? ???? ???? ?????? ?? ?????? ?????? ??? ?????? 46 ?? ??????? ?????? ?????? ????????? ????? ?????? ????????? ????????? ???????? ?????????. ?????? ??? ???? ?? ??? ???????? ??? ?????? ??????? ???????? ?????.

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- **??? ??????? ???????? ????????? ???? ????????:** ??? ????????? ???? ???? ????? ?????? ??????? ???????? ??? ????? IP.
- **????? ???????:** ??? ???????? ???????? ??????? ???? ??? ??? ?? ???? ?????????? ????????? ????????? ?????????.
- **????? ???????:** ???? ??? ??? ???? ??? ?????? ?????????.
- **????? ?????????:** ??? ?????? ??? 90 ?????.
- **??? ????? ?????? ????????:** 180 ?????.
- **?????? Google Analytics:** 14 ?????.

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- ???? ?? ?????? ??? ????????? (?????? 15 ?? ??????? ?????? ?????? ????????)?
- ???? ?? ??????? (?????? 16 ?? ??????? ?????? ?????? ????????)?
- ???? ?? ????? (?????? 17 ?? ??????? ?????? ?????? ????????)?
- ???? ?? ????? ???????? (?????? 18 ?? ??????? ?????? ?????? ????????)?
- ???? ?? ??? ???????? (?????? 20 ?? ??????? ?????? ?????? ????????)?
- ???? ?? ??? ?????? ?????? ?? ????? ????? ??????? ???????? (?????? 7 ?????? 3 ?? ??????? ?????? ?????? ????????).

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???? ?? ???? ??????? ???????? ??????? ??? ???? ??????? ???????? (?????? 6 ?????? 1 ????? ? ?? ??????? ?????? ?????? ????????)? ??? ???? ?????? ????? ??????? ??????? ???????? ?? ?? ??? ??? ??? ???????? (?????? 21 ?? ??????? ?????? ?????? ????????). ?? ???? ??? ??? ??????? ???????? ???????? ??? ??? ????? ?? ????? ????? ?????? ??????? ???? ??????? ??????? ????????? ?? ??? ???? ???????? ???? ????? ?? ?????? ?? ?????? ?? ????? ???????.

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??? ??????? ??? ????? ?????? ????? ??? ??? ????? ???? ??? ???? ?????? ??? ????? ???????? ??? ???? ???? ?? ?????? ???????? ??????? ?????? ??????? ?????? ?????? ????????. ?????? ???????? ??????? ?????? ??:

Der Landesbeauftragte für den Datenschutz und die Informationsfreiheit Rheinland-Pfalz
Hintere Bleiche 34
55116 Mainz

????? SSL ?? TLS

?????? ??? ?????? ?????????? ?????? ????? ?????? ??? ????????? ?????? ????? SSL ?? TLS. ?????? ?????? ??? ??????? ?????? ?? ???? ?? ???? ????? ??????? ???? ?? "https://".

????? ?????? ????? ????? ???????? ???

???? ????? ????? ???????? ??? ??? ????? ????? 2026 ??? ????? ??????. ?? ???? ?? ??????? ????? ????? ????? ???????? ??? ???? ??????? ??????? ??????? ?????????? ???????? ?? ???? ??????? ??????? ?? ??????? ???????. ?????? ??????? ?????? ????? ??? ??? ??????.