

# **TeleTrust EBCA**

*European Bridge Certificate Authority*

## Flyer

for all interested parties in the  
TeleTrust European Bridge CA

## Information

Version 0.3

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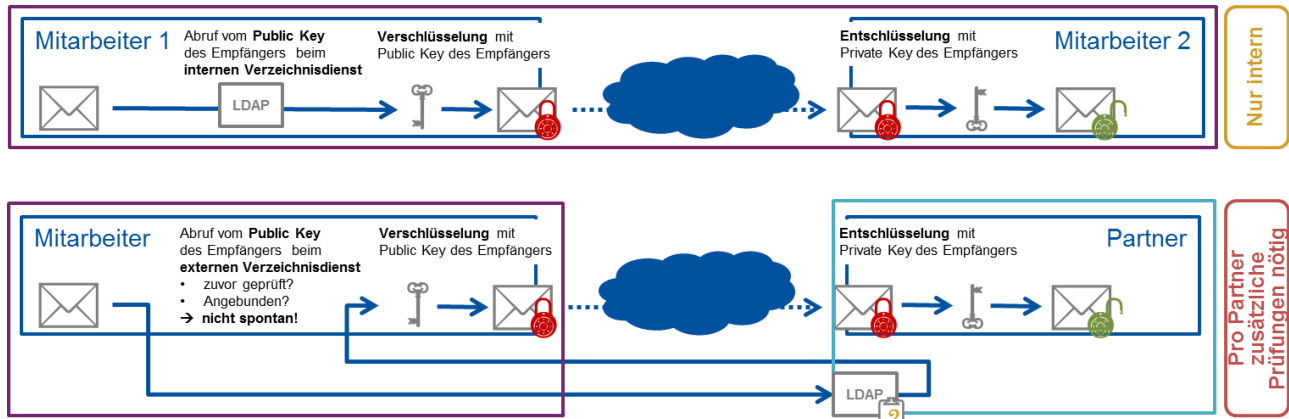
## History

Version	Date	Modification	Author
0.1	08.02.2012	Creation	Marieke Petersohn
0.2	20.08.2014	Content adaptation	Marieke Petersohn
0.3	11.06.2019	Adaptations	Teodor Pirkmayer

## TeleTrusT European Bridge CA – the idea behind it

IT security experts of participating organizations in the EBCA have jointly developed tools for the use of secure e-mail in business processes. Best practices are the main focus of the information security. What are the driving forces and what are the benefits for EBCA participants?

The following image demonstrates the usual secure internal and external communication with the help of PKI.



### 1. Confidentiality and integrity can be affected by insufficient key management

Are you aware of the fact that when sending an e-mail to external partners, the confidentiality and integrity of your data largely depend on how carefully your partners protect their cryptographic keys?

The EBCA provides support which comes straight to the point:

- The EBCA assists you in evaluating and verifying the e-mail solution of your partner.
- If your partner is familiar with the EBCA, he can immediately assess the minimum security of your e-mail solution.

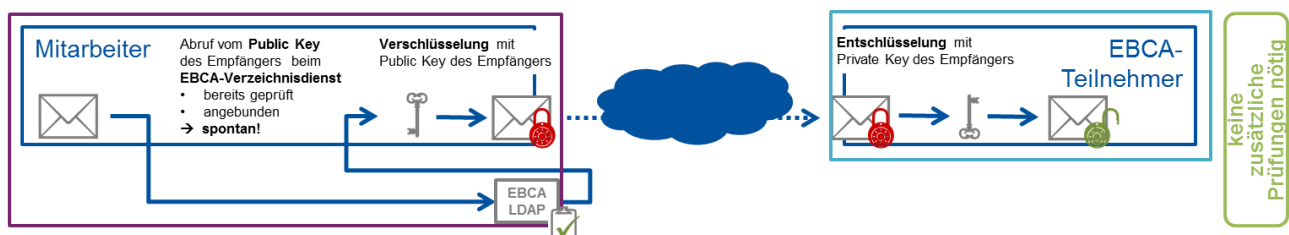
Clear and effective guidelines are prerequisite in the security management, especially in the case of inter-organizational e-mail communication. They prevent errors and inconsistency. In the end you have better trust in the secure implementation of your own solution. And the certainty that your data are protected when exchanging e-mails with your business partners.

### 2. Secure communication by electronic means must be fast and simple

E-mail is spontaneous. You have to make a confidential document available to a business partner or public authority without having much time for the preparation. Good security management also has at hand the solution for the protection of confidentiality in spontaneous e-mail communication. This is the key benefit of the EBCA. You gain a central access point to your secure e-mail solution by means of the EBCA Bridge Proxy.

- All your partners have the simplest possibility to set up secure e-mails with you.
- This also works with spontaneous communication.
- You reach all participants of the EBCA thanks to the identical solution.

The following image illustrates the e-mail encryption process with the help of the EBCA.



The EBCA represents a common goal of all enterprises and public authorities: High level of security in communication, without business processes being affected.