

## The secure way to better e-business



The rules of the game for traditional business have proved their worth: you trust your long-time business associates. Your signature under a negotiated contract counts.

Transactions that are handled wholly or partly via electronic networks first have to prove their trustworthiness. We supply the technology to make your e-business so secure that you can vouch for it with a clear conscience: triSignature can be used to sign for electronic transactions digitally, and even with legally binding force if required. This includes the possibility of identifying yourself digitally to your business associates over the Internet.

## Digital signature

triSignature can provide any data with a legally valid digital signature via a Web interface. The input and output format for the net data to be signed and for the signed document is XML. In this way, every electronic procedure can be processed flexibly and securely. In addition, triSignature ensures that the documents are archived safely. What is more, it supports multilevel business processes that require signatures from different offices or authorities.

triSignature creates the digital signature via a signature card equipped with a digital certificate from an accredited trust centre. If requested, we support every acknowledged certification agency, all card scanners with a standard interface (CT-API) and the most commonly used Web browsers.

## Strong authentication

Digital certificates on the smart card or as browser certificates are not only suitable for creating a signature; they are digital ID cards that identify their holders unequivocally. triSignature allows this authentication function to be used for every Web application. To achieve this, we link any number of applications with practically every back end from your system environment. In this way, single sign-on solutions can be implemented just as easily as access control via dedicated channels. To ensure that you are also on safe territory technologically, all of our applications are based on J2EE as the acknowledged industry standard of the newest generation.

## References

triSignature has already proven its performance several times:

T-Pay, the Internet payment system of Deutsche Telekom, was implemented by trilab. T-Pay uses digital browser certificates for user authentication.

Avacomm, an online platform for construction tenders, relies on triSignature. Digital certificates on smart cards enable users to register for the tendering platform and conclude transactions online. Business associates use these certificates to sign their contracts digitally and with legally binding force.

The city of Bremen is the first public authority in Germany to accept the digital signature as a legally valid electronic signature. At [www.bremen.de](http://www.bremen.de), the city's residents are offered more than 70 official duties that they can deal with conveniently from home. This service was equipped with trilab technology.

## About us

As pioneers in the field of e-commerce, our team developed the first Internet payment solutions in Germany and Switzerland as early as 1997. In 1999 we founded trilab Informationssysteme GmbH, based in the Swabian town of Böblingen. Our priority was, is and will continue to be the production of software for electronic payment and secure business over the Internet or alternative media.

In the meantime, Deutsche Telekom with T-Pay, O<sub>2</sub>, TeleCash with Click&Pay Easy and the InFoScore group with E-Score trust our technology. Today we are a fundamentally solid, profitable mid-market enterprise. We know how to combine the ideas from the new economy with the good sense of the old economy – from both technological and commercial points of view.

We regard ourselves as the long-term technology partner for all of our customers.

Test us.

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