



**Qualified
Electronic Signatures -
simple, convenient,
mobile & secure**

21. 09. 2017
Dr. K. Cinkler



qualified electronic signatures

the convenient, easy, mobile, yet secure way.

SIGNING ELECTRONICALLY: SAVES TIME

TRADITIONALLY

- Print document
- Walk to printer
- Sign by hand
- scan
- Back into your workflow
- shredder



10-15 Min.



45 Sek.

- Drag document into app's window
- Click to sign
- Click to download
- Back into your workflow



Time won:
9-14 Min

Signature
BY REMPARTEC

REMPARTEC

SIGNING ELECTRONICALLY: MAINTAINS THE ORIGINAL QUALITY

OF YOUR CAREFULLY PREPARED DOCUMENT

TRADITIONALLY

Lorem Ipsum

"Neque porro quisquam est qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit..."
"There is no one who loves pain itself, who seeks after it and wants to have it, simply because it is pain..."

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, et nonummy sed tempor et et invidunt justo labore Stet clita ea et gubergren, kasd magna no rebum. sanctus sea sed takimata ut vero voluptua. est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat.

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1 But I must explain to you how all this mistaken idea of denouncing pleasure and praising pain was born and I will give you a complete account of the system, and expound the actual teachings of the great explorer of the truth, the master-builder of human happiness.

Lorem Ipsum

"Neque porro quisquam est qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit..."
"There is no one who loves pain itself, who seeks after it and wants to have it, simply because it is pain..."

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, et nonummy sed tempor et et invidunt justo labore Stet clita ea et gubergren, kasd magna no rebum. sanctus sea sed takimata ut vero voluptua. est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat.

Duis autem vel eum iriure ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, et nonummy sed tempor et et invidunt justo labore Stet clita ea et gubergren, kasd magna no rebum. sanctus sea sed takimata ut vero voluptua. est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat.

1 But I must explain to you how all this mistaken idea of denouncing pleasure and praising pain was born and I will give you a complete account of the system, and expound the actual teachings of the great explorer of the truth, the master-builder of human happiness.

Signature
BY REMPARTEC

REMPARTEC

**SIGNING ELECTRONICALLY:
SAVES THE ENVIRONMENT**



**Save a tree,
sign electronically!**

But please also use
both sides of the paper,
carefully select what you print,
and recycle conscientiously !

REMPARTEC

SIGNING ELECTRONICALLY: THE SHOULD AND THE MAY

GoBD (since 1.1.17)

Steuerlich relevante Belege digital archivieren

Als Steuerpflichtiger sind Sie „für die Ordnungsmäßigkeit elektronischer Bücher“ selbst verantwortlich und müssen darauf achten, im Bedarfsfall alle Belege vorlegen zu können.

Die GoBD legen fest, dass zusätzlich zu den steuerlich relevanten Belegen auch alle Unterlagen aufzubewahren sind, die zum Verständnis und zur Überprüfung der für die Besteuerung gesetzlich vorgeschriebenen Aufzeichnungen im Einzelfall von Bedeutung sind, das gilt auch für digitale und elektronische Belege und Aufzeichnungen. So müssen Sie elektronische Belege, die im Unternehmen entstanden oder eingegangen sind, **unverändert** aufbewahren und dürfen nicht vor Ablauf der Aufbewahrungsfrist gelöscht werden.

EIDAS (since 1.7.16)

REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 23 July 2014

on electronic identification
and trust services for
electronic transactions in the
internal market and repealing
Directive 1999/93/EC

SIGNATURE BY REMPARTEC: SIGN A DOCUMENT IN 3 STEPS

Signature
by REMPARTec

DATEI(EN) HIERHER ZIEHEN
oder
DATEI(EN) AUSWÄHLEN

1 Drag a document into the drop area

Kerberos - usenix.pdf
↑ gestern 21:24 Signieren ✕

AnordnungBeispiel_s1.pdf
↑ 23.04.2016 14:50 ✓ 23.04.2016 14:51 ↓ ✕

2 Click to sign

3 Click to download

simple, or...

DOKUMENT ELEKTRONISCH SIGNIEREN

"LoremIpsum1pSF_s1 (1).pdf"

1. Grund der Signierung Signierungsgrund in meine Liste aufnehmen

Ich stimme den Inhalten dieses Dokumentes zu

Signieren

Close

... full control

DOKUMENT ELEKTRONISCH SIGNIEREN

"LoremIpsum1pSF_s1 (1).pdf"

1. Grund der Signierung Signierungsgrund in meine Liste aufnehmen

Ich stimme den Inhalten dieses Dokumentes zu

2. Zertifikatswahl...

▼ Zertifikat selektieren

3. Die Position der Signatur

▼ Profil selektieren

4. Siegel und Zeichen

▼ Siegel selektieren

Signieren

Close

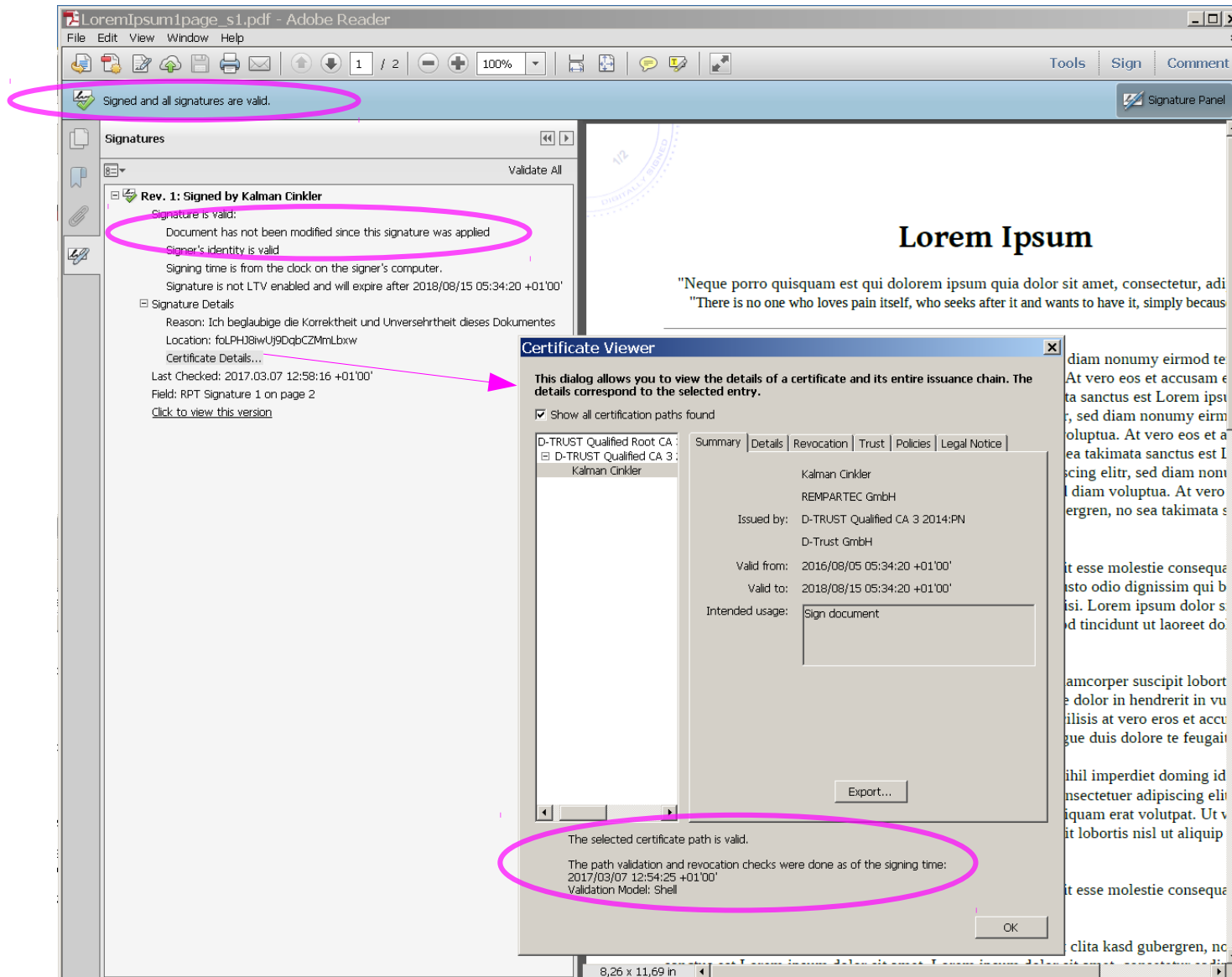
SIGNATURE BY REMPARTEC: VERIFY A SIGNATURE

The screenshot shows a web browser window with the URL <https://sign.rempartec.com/documents>. A modal window titled "VERIFY DIGITAL SIGNATURES" is open, displaying a verification report for a document named "Lorem Ipsum 1 page_s1.pdf". The report is structured as follows:

- Document info**
 - numberOfPages: 2
 - numberOfSignatures: 1
 - time of this validation: 2017-03-07 14:14:51
- RPT Signature 1**
 - Properties**
 - Reason: Ich beglaubige die Korrektheit und Unversehrtheit dieses Dokumentes
 - M: 2017-03-07 12:54:25
 - Document integrity**
 - Document has not been modified since this signature was applied.
 - Algorithms used**
 - Hash: SHA256
 - Encryption:
 - Signing certificate**
 - Qualified: yes
 - Certificate chain**
 - validity
 - Certificate Chain verified successfully.
 - D-TRUST Qualified Root CA 3 2014:PN
 - Details**
 - /C=DE/O=D-Trust GmbH/CN=D-TRUST Qualified Root CA 3 2014:PN
 - /C=DE/O=D-Trust GmbH/CN=D-TRUST Qualified Root CA 3 2014:PN
 - 159923
 - 2019-11-17 14:30:30 GMT
 - Status**
 - CRL check (http://crl.d-trust.net/crl/d-trust_qualified_root_ca_3_2014.crl). This certificate appears to be valid (based on the fact that it does not appear in the revocation list). Last Update: Mar 7 12:46:38


Handwritten annotations in pink include a circle around the document name, a circle around the "Signing certificate" section, and the text "QeS" with an arrow pointing to the "Certificate chain" section. A "Print" button is visible in the top right of the modal, and a "Close" button is at the bottom right.

COMPATIBILITY: WITH ADOBE READER




COMPATIBILITY: WITH DIGISEAL READER

Signatur(en) des Dokumentes

Prüfresultat
 **Signatur erfolgreich geprüft.**
- Dokument ist nicht verändert.
- Dokument ist qualifiziert signiert.

Signiertes Dokument: [LoremIpsum1page_s1_Revision_01.pdf](#)
Prüfzeitpunkt: 2017-03-07, 12:09:32 GMT
Prüfdokumentation: [C:\Dokumente und Einstellungen\cinkler\Verification\LoremIpsum1...](#)

Signaturinformationen

Signierer	Signaturzeitpunkt GMT
 Kalman Cinkler	2017-03-07, 11:54:25

Details zum Zertifikat

Details zur Signatur von "Kalman Cinkler"

Durchgeführte Prüfungen:

- Signatur des Dokumentes** (mathematische Prüfung).
 - Dokument ist nicht verändert.
 - Dokument ist qualifiziert signiert.
 - Verwendete Algorithmen zum Signaturzeitpunkt geeignet.
 - Verwendete Algorithmen zum Verifikationszeitpunkt geeignet.
- Zertifikat & Pfad** (lokale Signatur- und Gültigkeitsprüfung zum Signaturzeitpunkt).
 - Gültigkeitsmodell: Kettenmodell (SigG Profile).
 - Signatur und Gültigkeit von Zertifikat und Pfad erfolgreich geprüft.
- Zertifikatsstatus** zum Signaturzeitpunkt (OCSP / CRL).
 - Zertifikatsstatus erfolgreich geprüft.
 - Gültig (OCSP-Auskunft vom 2017-03-07, 12:08:53 GMT)

OK

Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molesti...

signiert 1 / 2 07.03.2017 13:10

Lorem Ipsum

est qui dolorem ipsum quia dolor sit amet, conse
s pain itself, who seeks after it and wants to have it, sir

t¹, consetetur sadipscing elitr, sed diam nonumy
liquyam erat, sed diam voluptua. At vero eos et
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it amet, consetetur sadipscing elitr, sed diam no
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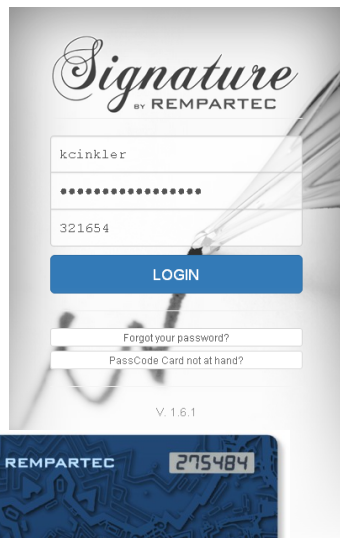
Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molesti...

SIGNATURE BY REMPARTEC FOR ORGANIZATIONS

any device
any OS
any browser

organization's intranet

safe IT env.



USER



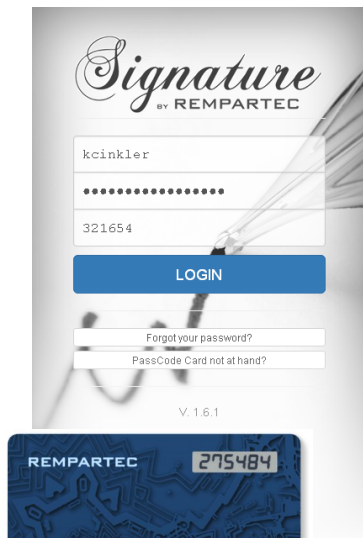
no install
no admin
no USB-CardReader



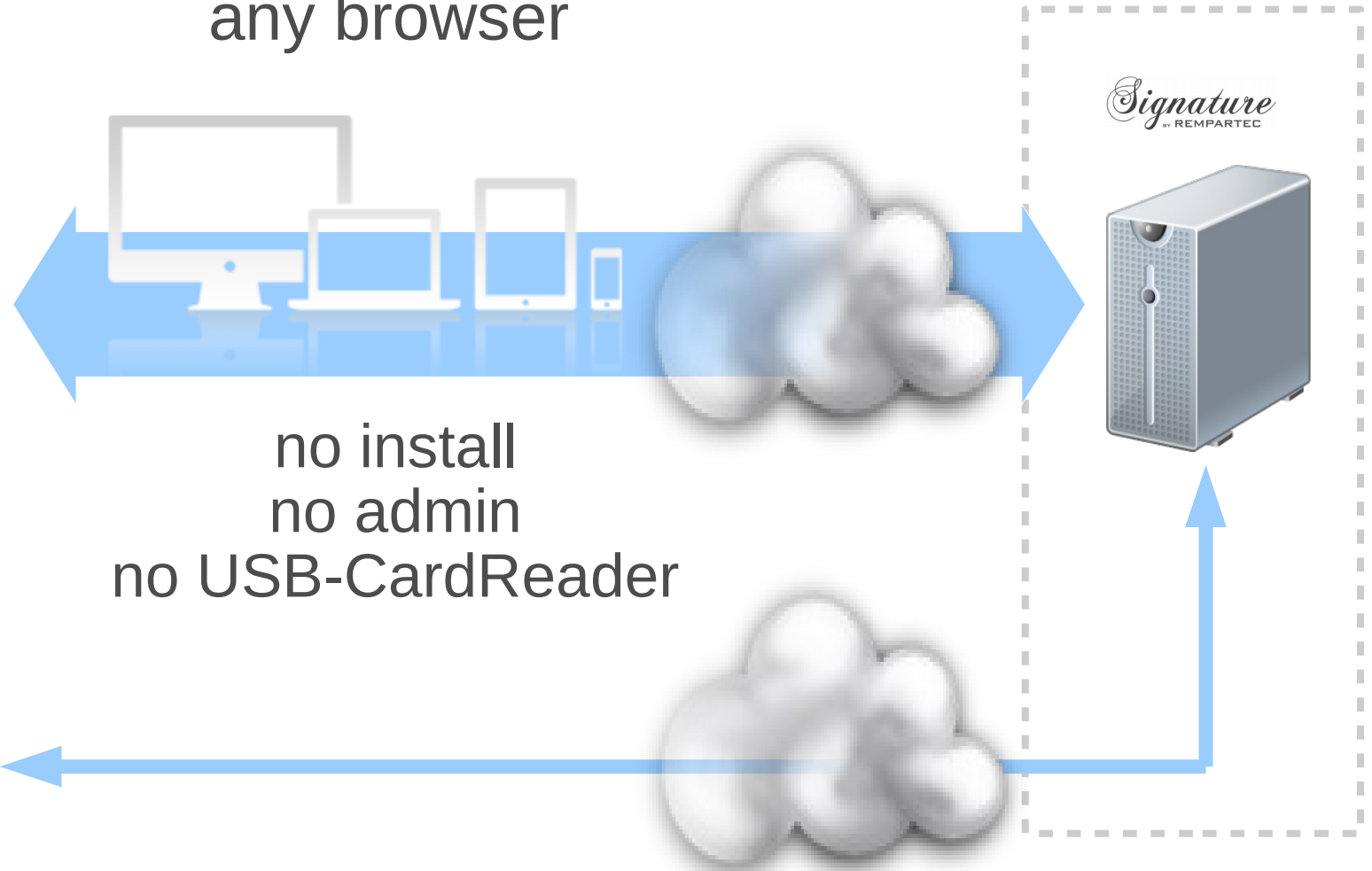
Easy roll-out, no installation on user's
devices, centrally administered

SIGNATURE BY REMPARTEC FOR SINGLE/REMOTE USERS

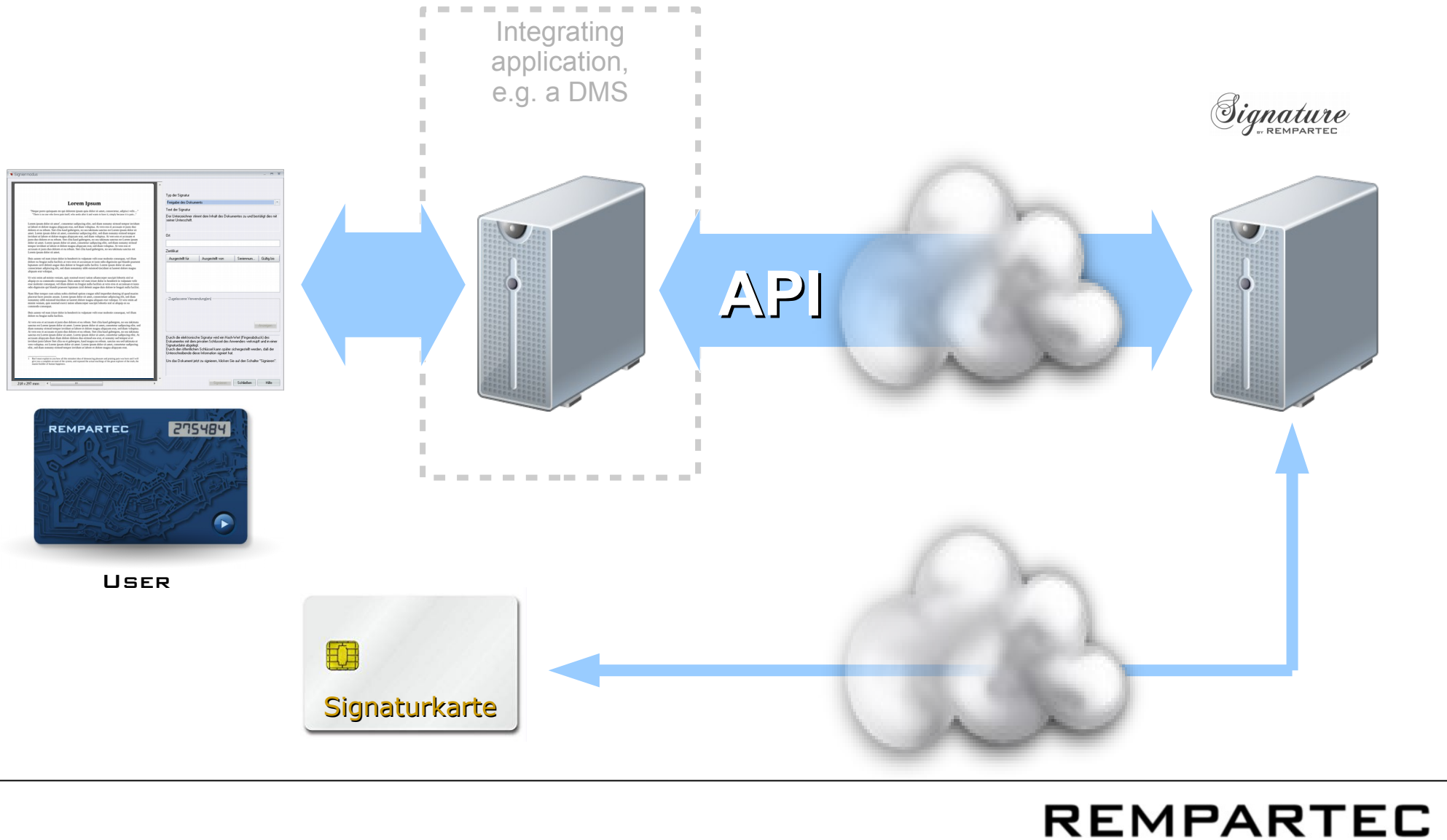
any device
any OS
any browser



USER



SIGNATURE BY REMPARTEC INTEGRATED VIA THE API



SIGNATURE BY REMPARTEC

SUPPORTED CERTIFICATE TYPES/FORMS

Signature
BY REMPARTEC



QUALIFIED electronic *certificates*:
single-, multi-, mass-signatures
QUALIFIED electronic *seals*:
single-, multi-, mass-signatures



ADVANCED certificates
SELF-SIGNED certificates

SIGNATURE BY REMPARTEC IS APPRECIATED BY MANY

By...

... because 

- Your employees: ... saves time and effort;
and is *very easy and convenient* to use
- Purchasing: ... cuts the costs of paper, toner and waste
- IT: ... is easily deployed, no installation on
end-devices, centralized maintenance
- Corp.soc.responsibility: ... saves the environment
- Controlling: ... aids compliancy
- IT-Security: ... has been engineered with security in mind
- Management: ... speeds up processes; allows for
signing when not in the office

NO EXCUSES!

qualified electronic signatures

simple

convenient

secure

SigV/SigG



GoBD

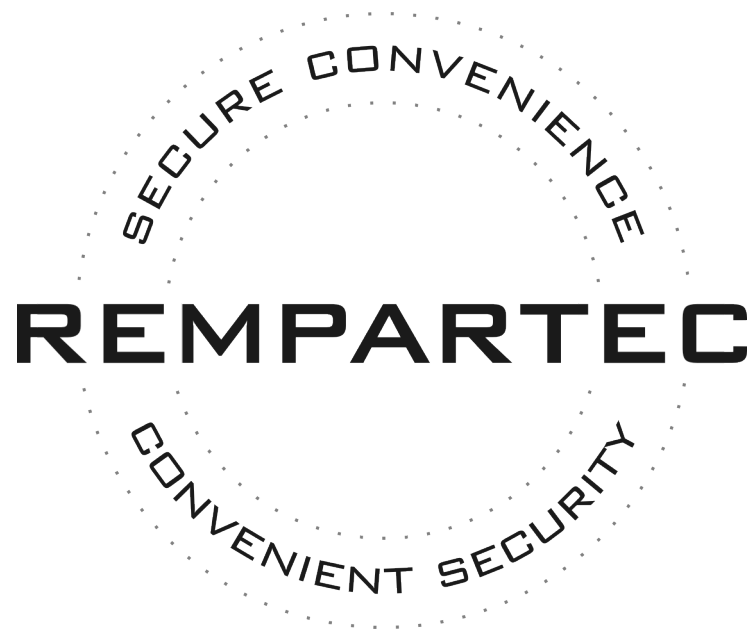


EIDAS



easy deployment,
no installation on end-devices

CALL US TODAY:



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REMPARTEC

ABOUT REMPARTEC

Bringing
enterprise-class-
security
to everyone

Security
made

Security
made

convenient, convenience
made secure.