Network Encryption
Our Contribution for You

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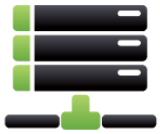
HiCrypt™ 2.0


fileserver

Administrator

The administrator prepares the basic access rights in the network and ensu-res the reilable saving of the encrypted data.


Managing Director

MD encrypt data safe with Manager Password

(Personal data, business reports)


Development Manager

MD encrypt data safe with Manager-Password

(Results, Research)

- ☑ *Years of experience in the field of data encryption for network drives and 2-factor-authentication*
- ☑ *No need of additional infrastructure*
- ☑ *Individual key allocation*
- ☑ *Supports modern authentication methods*
- ☑ *Terminal server capable or applicable with floating license*
- ☑ *Awards:*

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The Challenge:

The access to sensitive and confidential data should only be allowed to authorized persons. Protection against potential "intruders" from the outside but also unauthorized access from the inside is to be ensured. Thereby the encryption is provided in the background, and a team work is still feasible to the full extent.

The Solution:

With HiCrypt™ 2.0 you again hold the key to the security of your data in your own hands. As owner and person in charge of one or more confidential drives HiCrypt™2.0 offers you an opportunity to secure drives against unwanted insights (administrative server view, backup overview, competitors, etc.). As the encryption is done automatically the sole additional expenses during the work process is the conscious decision to store data on a particular drive.

Product:

HiCrypt™ 2.0 offers the „key-sole possession guarantee" and a maximum of confidentiality of data linked with easily usability, ingenious simplicity and flexibility.

HiCrypt™ 2.0 runs on standard licensing or terminal server (Desktop as a Service, Software as a Service) but is also available as floating license. The infrastructure is provided by the IT administration. They do not take over the key allocation.

Scope of Service:

To increase the security of your data HiCrypt™ 2.0 supports the 2-factor authentication using security tokens. Thereby scenarios can be realized in which the access to your protected data is exclusively only possible with token and matching pin. The standards such as MS CAPI, PKCS#11 and encryption algorithms as AES, Blowfish and IDEA will be respected.

In order to automatically enforce the most frequently required security policies in the company environments related to passwords also in HiCrypt™ 2.0, it is possible to define custom password policies. The various criteria of a password such as length, complexity and validity enable a flexible implementation.

Our solution is part of our All-In-One Compliance-Package and thereby provides the missing piece of puzzle to pass the audit according to ISO 27001 concerning the encrypted storage of sensitive data on servers or storage systems.

Mobile Access with HiCrypt™ 2.0 Viewer-App:

You like to access your encrypted data via mobile devices? For this purpose HiCrypt™ 2.0 offers an extension for mobile devices. The solution can be installed on your Smartphone or tablet. So you can access your encrypted data storage at anytime and anywhere.

TECHNICAL DETAILS

HiCrypt™ 2.0:

operating system:	from Windows XP
standards:	CIFS/SMB
encryption algorithm:	AES, Blowfish, IDEA
download:	www.hicrypt.com

USB Smartcard-Token

operating system:	Windows, Linux, Mac OS X
standards:	MS CAPI, PKCS # 11
smart chip certification:	EAL 5+, EMV, ISO7816
electric certification:	FCC, CE, RWTÜV

HiCrypt™ 2.0 Viewer-App:

operating system:	Android, iOS
standards:	FTP, WEBDAV
encryption algorithm:	AES, Blowfish, IDEA
download:	Play Store, App Store

company profile:

digitronic® computersysteme gmbh, headquartered in Chemnitz, has been realizing solutions in the fields of communication, IT-security and digital confidentiality since 1991. With a clear focus on reliability, customer-friendly service and functionality, our dynamic, highly-motivated team develops innovative solutions.

With the digitronic® All-In-One Compliance-Packages, all the audit requirements according to 2-factor-authentication and team encryption are fulfilled.

Our current research and development focuses, in close collaboration with our major customers, on mobile, platform-independent confidentiality as a proof for non-manipulated image information and sensitive control processes in the environment of Industry 4.0. digitronic® is a member of the federal IT Security Association Germany e.V. and holds the label "IT Security made in Germany".

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