

iSystems

# cybersecurity for systems / environments

Are you prepared for the future



# The Team



we are a team from all over the world. Different nations and cultural background and of course a high sense for data management.

## Where are we?

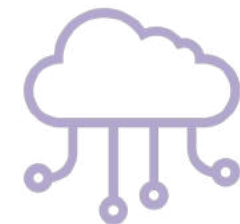


Germany, USA & Peru

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# IT - Solution



IT-Infrastruktur  
Networkmanagement & Cloud /On Prem solution

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Hosting-Lösungen  
5500+ users in 4 data centers around the globe  
External backup in 2 additional Datacenters

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IT Support  
24/7 technical support and consulting for SAP-Partner  
and/or end-customers

# Definition Cloud



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## What cloud really means ...

... your data and everything that might be important for your company is in the hands of someone else. Trust and reliability is the key.

Your data are sitting on someone else hardware!

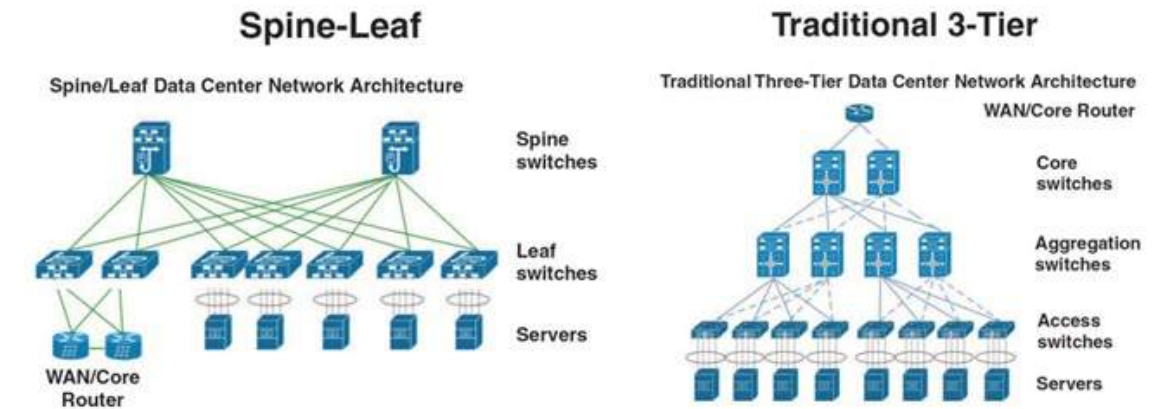


# Active & Passive security

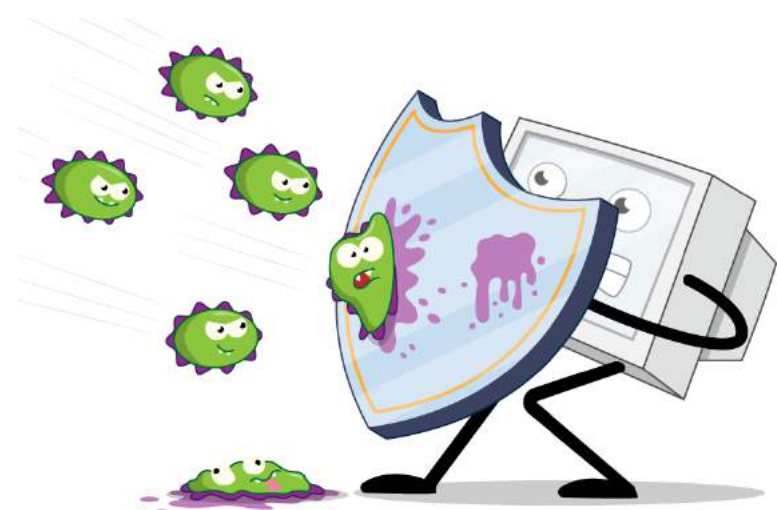
## 1. Firewall



## 2. Subnet - Architectur



## 3. Antivirus & Security



## 4. User Training

Employee Security Awareness Training



## 5. Backups

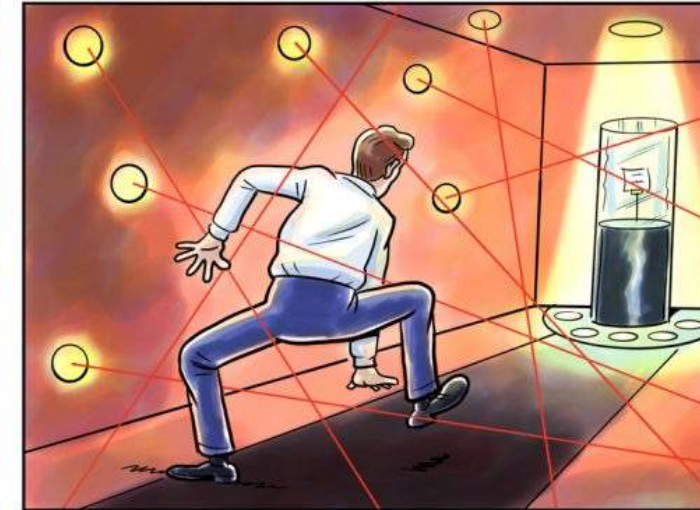


# Potential risks

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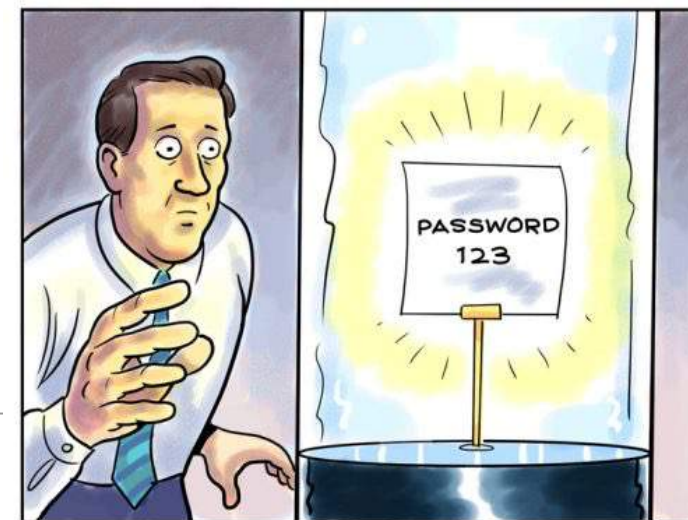
## Human Faktor

PEBCAK - (p)roblem (e)xists (b)etween (c)hair and (k)eyboard



## Maleware

Intrusion thru the human factor



## No reliable backup

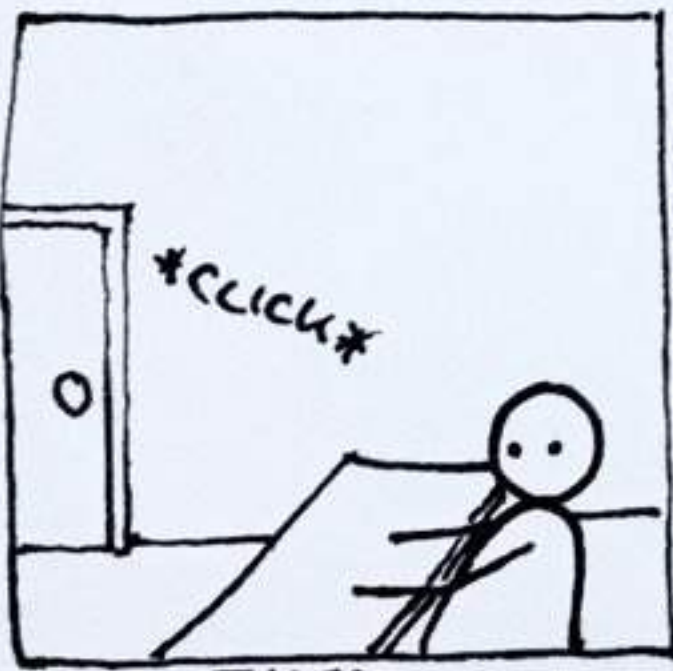
blackmail, encrypted data, compromised infrastructure and no valid backup incl. test to restore



# NO BACKUP, NO MERCY

#09

(8 MOST COMMON REASONS FOR DATA LOSS)



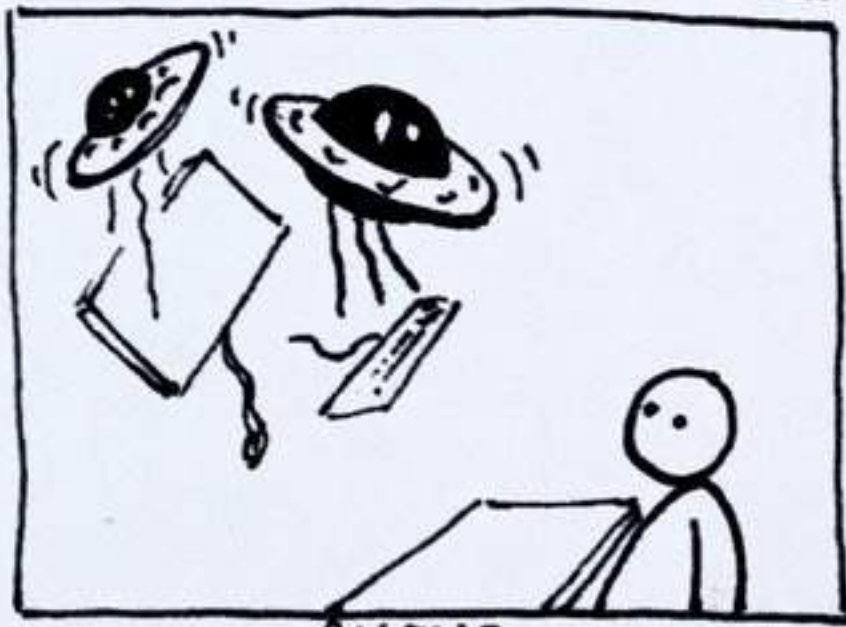
THEFT



LIQUIDS



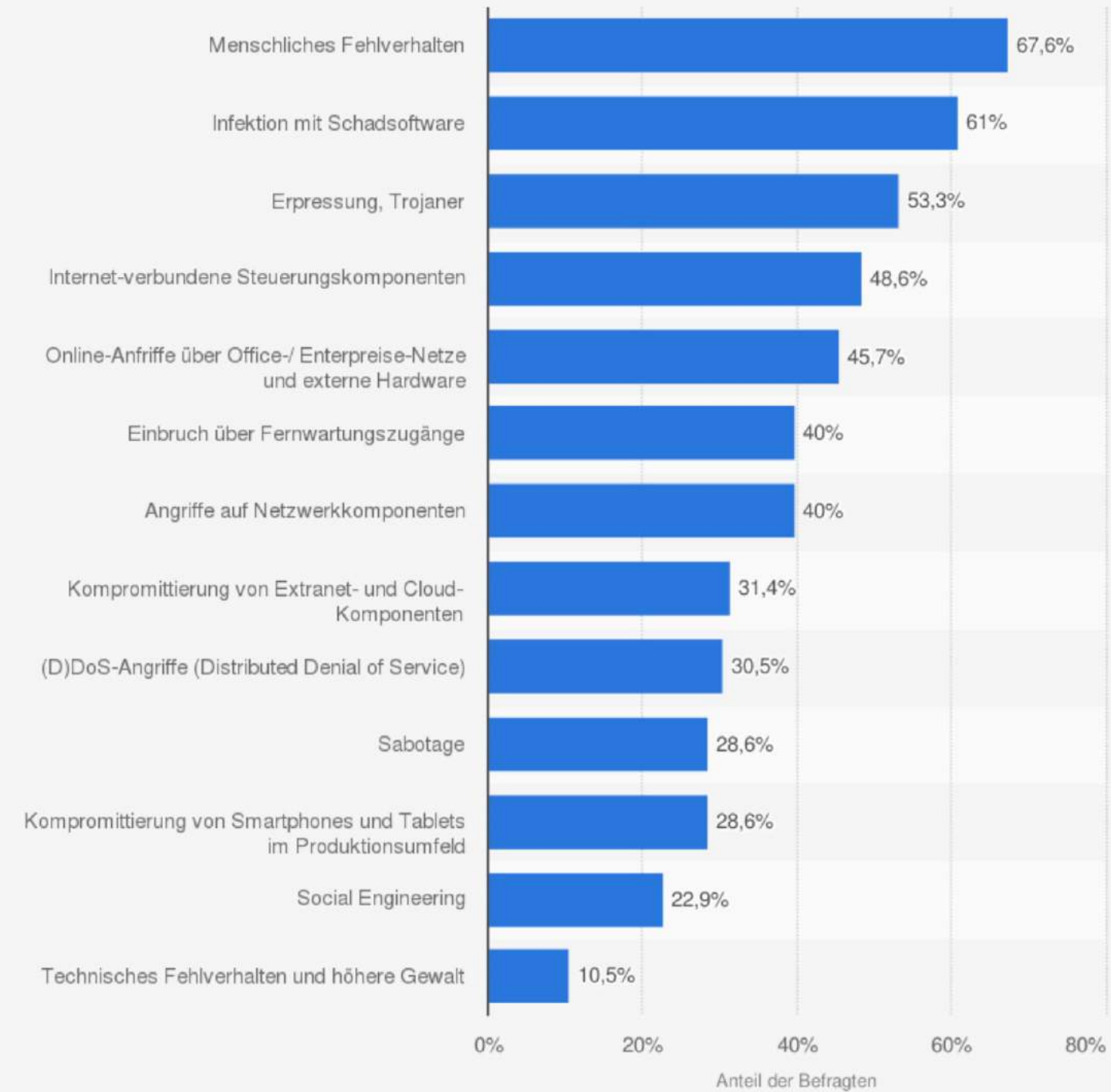
FIRE



ALIENS

# Statistics

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Quelle  
VDE  
© Statista 2019



Amazon Order #154-1238066-0002647 - Mozilla Thunderbird  
File Edit View Go Message Tools Help

Your recent purchase with your Apple ID. - Temporary Items

Delete Reply Reply All Forward Attachment Move Junk Rules Read/Unread Categorize Follow Up

Your recent purchase with your Apple ID.



Apple ID <webbpass-sqzcx909@busuness-rct.uk>

Invalid Email Address

Monday, August 28, 2017 at 9:53 PM  
To: You

1 Attachment Download All Preview All

Apple\_InvoiceJ2iTu...  
201.4 KB

Attachment

URGENT NOTICE!

Your Apple ID, you@memphis.edu, was just used to purchase iTunes Gift. from the App Store on a iPhone or device that had not previously been associated with that Apple ID.

Incorrect Spelling

Your service has been accepted due to payment after the invoice was issued. We are very sorry for any inconvenience this may cause you. Please find the attached file for your reference (PDF).

Poor Grammar

Regards,  
Apple

Invalid Signature

	\$11.13
	\$2.87
Total Before Tax:	\$14.00
Estimated Tax:	\$1.26
<b>Order Total:</b>	<b>\$15.26</b>



# Possible solutions

There is no 100% security...



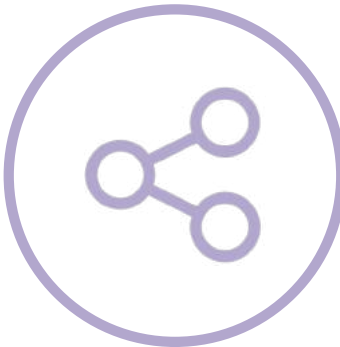
Backup

Ongoing and recurring backup, offsite and in dedicated structures



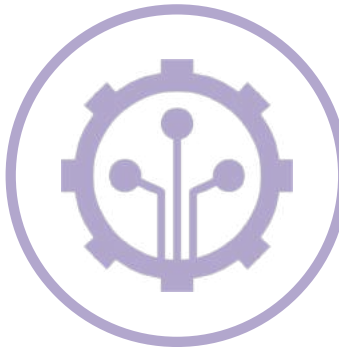
Training

Cybersecurity Training



Update & Patches

Updates and patches for important infrastructure and devices incl. OS and Hypervisors (VMWare etc)



Architektur

Implementation of state of the art architecture [Software/Hardware]

You will be hacked one day! The question is not if. The question is: when and how good are you prepared?



# Questions?

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