

# Führungsunterstützungskommando der Bundeswehr



FKpt Dr. Robert Koch  
Dezernent Cyber  
31.03.2017

Akademietag 2017  
Cybersicherheit – Herausforderungen  
aus Sicht der Bundeswehr

STREITKRÄFTE  
BASIS

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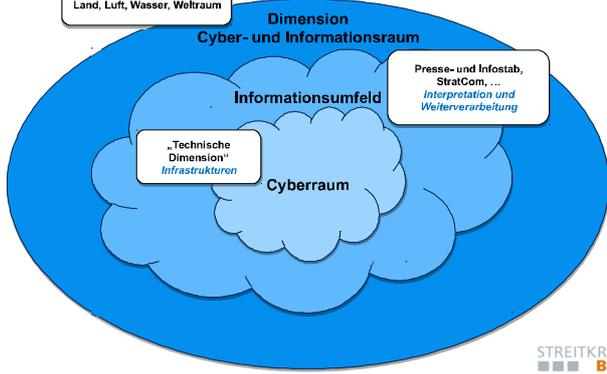
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## Der Cyber- und Informationsraum

Ergänzung der Dimensionen  
Land, Luft, Wasser, Weltraum



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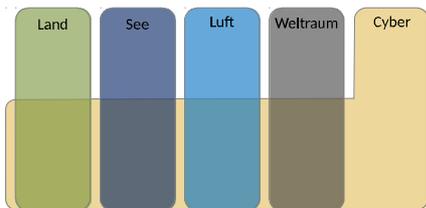
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## Duale Rolle: Domäne & Enabler



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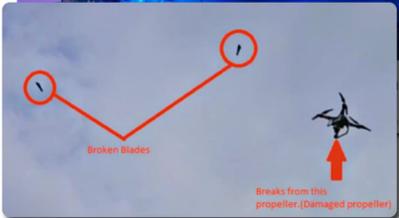
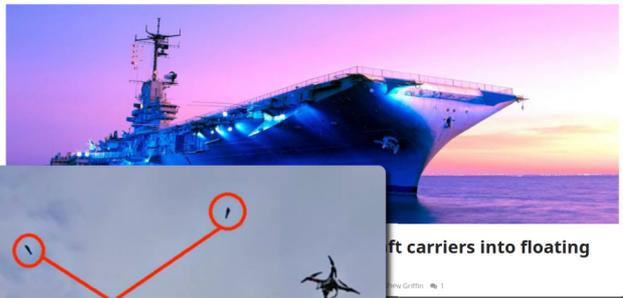








## Stand Drohnen und 3d-Druck



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## Entwicklung von „Vampire Drones“



### Method and apparatus for destructing compromised devices

US 20170032149 A1

#### ABSTRACT

The system and method for destroying compromised objects, including electronic devices. The system and method utilizes a barrier separating two reagents that can be rapidly moved to form a base when desired. The system and method have a barrier configured to be triggered remotely. The barrier comprises an aluminum foil layer.

Publication number	US20170032149 A1
Publication type	Application
Application number	US 15/223,181
Publication date	Feb 2, 2017
Filing date	Jul 29, 2016
Priority date	Jul 30, 2015
Inventors	Loaise C. Sengupta, 8 More +
Original Assignee	Bao Systems Information And Electronic Systems Integration Inc.
Export Citation	BBTeX, EndNote, RefMan
Classifications (6)	
External Links:	USPTO, USPTO Assignment, Espacenet

1/5 20170032149 A1

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## Entwicklungen im Bereich Speicher



5d Glas-Speicher  
360 TB  
Haltbarkeit: 13,8 Mrd. Jahre bei 188°C

### The evolution of Data - You can store 215 petabytes in 1 Gram of DNA

mytechorunch • @ in science 8 days ago

Ten years ago you might have used a large external hard drive to store old photos. So after ten years from now, maybe you may be able to save all the data generated throughout life to just a few grams of DNA.

Just recently, in a study published in Science Journal Science, they succeeded in preserving the 1985 French movies, computer viruses, and \$ 50 Amazon gift cards in the DNA. Using this method seems to be able to put 215 petabytes of data in 1 g of DNA.

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## Startschuss für CIR



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## Cyberhygiene



*„If you think technology can solve your security problems, then you don't understand the problems and you don't understand the technology.“*

– Bruce Schneier

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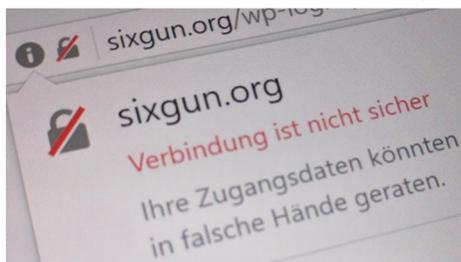


## DIE Herausforderung... Fachkräfte (fort.)

Unsicheres Log-in-Feld: Webseiten-Betreiber beschwert sich bei Firefox über Warnung

21.03.2017 11:56 Uhr - Fabian A. Scherschel

vorlesen



Der Firefox-Browser warnt seit einiger Zeit vor Passwortfeldern, deren Inhalte unverschlüsselt an den Server übermittelt werden. Ein Admin will das allerdings nicht hinnehmen – seine Systeme seien sicher, seit über 15 Jahren.

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