

DARKNET – EINBLICK IN DEN DIGITALEN UNTERGRUND

The background of the slide is a dark gray field filled with a repeating pattern of light gray silhouettes of men in suits and ties. The silhouettes are arranged in a grid-like fashion, with some overlapping, creating a dense, textured effect that suggests a large crowd or a digital network.

Marc Ruef
scip AG

Xborder Zürich 2016

180

Fachartikel

470

Blog Posts

115

Interviews

Name

Marc Ruff

Job

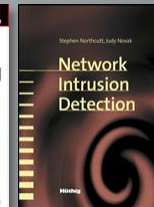
scip AG

Webseite

compute.ch

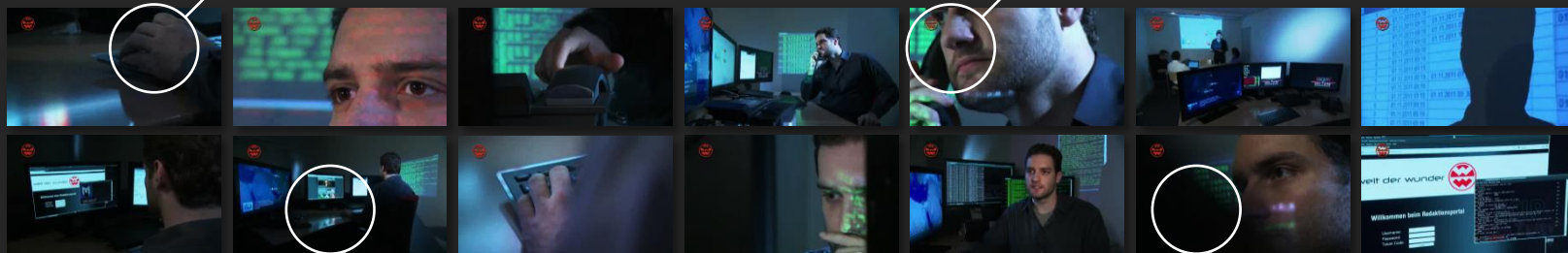
Letztes Buch

Kunst des
Penetration
Testing



// target::media_company

// approach[1]::social_engineering



// approach[2]::srv_exploit

// intrusion::successful



TITANIUM RESEARCH

YOU'RE HERE TO BE PREPARED — AND WE'RE HERE TO PREPARE YOU



EXOSKELETON



ARTIFICIAL INTELLIGENCE



SELBSTFAHRENDE AUTOS

GRÜNDE FÜR COMPUTERKRIMINALITÄT

DIE GLEICHEN HINTERGRÜNDE, WIE BEI KLASSISCHEN DELIKTEN



VIRTUELLER SCHWARZMARKT

ALLES, WAS ETHIK UND GESETZ WIDERSPRICHT



DROGEN

DIE GANZE BANDBREITE VON
MEDIKAMENTEN UND DROGEN
WIRD ANGEBOten



WAFFEN

VERSCHIEDENE ILLEGALE,
GESTOHLENE ODER MODIFIZIERTE
WAFFEN SIND VERFÜGBAR



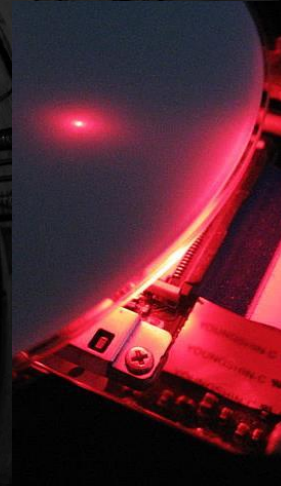
SERVICES

Dienstleistungen aller Art,
bis hin zum Auftragsmord,
können angefordert werden



PORN

PORNOGRAFISCHES MATERIAL
ALLER AUSPRÄGUNGEN STEHEN
ZUR VERFÜGUNG



SOFTWARE

ILLEGAL KOPIERTE, FRÜHZEITIG
PUBLIZIERTE ODER MODIFIZIERTE
SOFTWARE WIRD GETAUSCHT

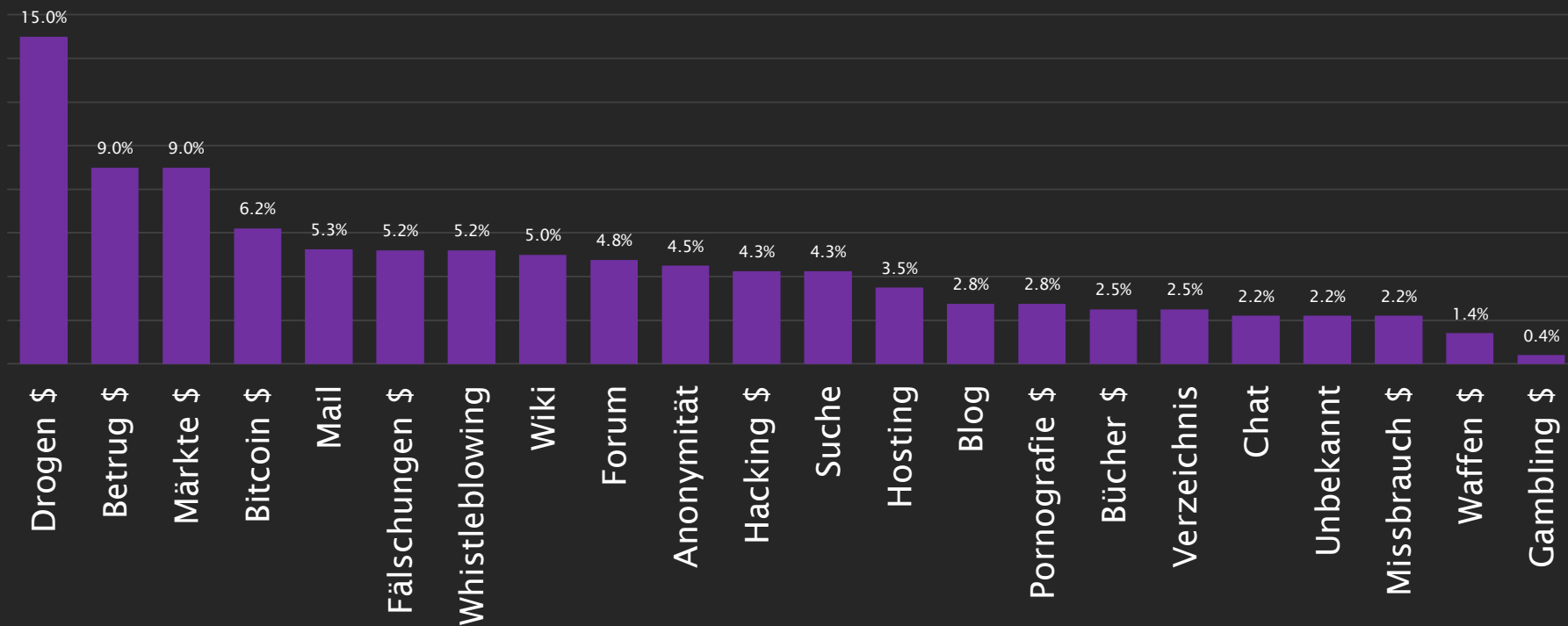


FILM/MUSIK

FILME, MUSIK, BÜCHER, COMICS
UND ANDERE ERZEUGNISSE
WERDEN GETAUSCHT

AUSWERTUNG HIDDEN SERVICES

HAUPTSÄCHLICH GELD REGIERT DAS DARKNET



AUSZÜGE

\$5

PREIS FÜR EIN
GESTOHNES
EMAIL KONTO
(VERIFIZIERT)

\$0,60

PREIS FÜR EINE
GESTOHNES
KREDITKARTENNUMMER
(OHNE DETAILS)

\$215

PREIS FÜR EINE
GEFÄLSCHTE SCHWEIZER
NIEDRLASSUNGS-
BEWILLIGUNG C

\$38

PREIS FÜR EINEN
SCAN EINES
SCHWEIZER
PASSES

\$80

PREIS FÜR
GESTOHNES
KREDITKARE
(PLASTIK + PIN)

\$400

PREIS FÜR EINE
AK-47 IM
EUROPÄISCHEN
RAUM

\$400K

PREIS FÜR EINEN
AUSGEWACHSENEN
UND GESUNDEN
GORILLA

\$160

PREIS FÜR
EINEN RUNDUM
GEFÄLSCHTEN PASS
IN NEW YORK

\$1,2K

PREIS FÜR EINEN ECHTEN
MENSCHLICHEN
SCHÄDEL INKLUSIVE
ZÄHNE

\$7,8K

PREIS FÜR EIN
MENSCHLICHES
BABY AUS
CHINA

BEISPIELE GEFÄLSCHTE DOKUMENTE

MÖGLICHKEITEN BESTEHEN AUCH FÜR DIE SCHWEIZ



1 Passport Scan Switzerland

Accurate Digital Passport Colored Scan

Sold by Kingcan - 5 sold since Sep 5, 2015 **Vendor Level 3**

Trust Level 4

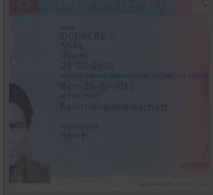
Product class	Features	Features
Digital go	Digital go	Origin country
Quantity left	Unlimited	Ships to
Ends in	Never	Payment
		Escrow

Default - 1 days - USD +0.00 / item

Purchase price: USD 10.50

Qty: 1 **Buy Now**

0.0281 BTC



EU-Resident ID Switzerland

This is for 1x Fake Swiss Residence Permit (German) "EU-Resident Permits Available" - Belgium - France - United Kingdom - Switzerland - Spain (Please do not ask us if we have any countries available. If the country is not listed then we do NOT sell it.) Has been tested and works perfectly fine for EU-member countries. [v] Details to be printed on ID [v] Delivery address [v] ID photo [v]

Sold by Mike - 2 sold since Jul 3, 2015 **Vendor Level 3**

Trust Level 5

Product class	Features	Features
Physical p	Physical p	Origin country
Quantity left	Unlimited	Ships to
Ends in	Never	Payment
		Escrow

Post Air Mail - 14 days - USD +5.00 / item

Purchase price: USD 215.00

Qty: 1 **Buy Now**

0.5365 BTC



Swiss Drivers Licence

[>>] PROMO UNTIL THE END OF THIS MONTH [>>] BUY 2 IDS GET 1 FREE!! This is for 1x Fake Swiss Drivers Licence. [v] Details to be printed on ID [v] Delivery address [v] ID photo + signature Please send me all details to be printed on the ID: - First name - Last name - Date of birth - City of birth - Issue date/Expiry date (optional) Upload your ID photo + signature ...

Sold by Mike - 2 sold since Mar 22, 2015 **Vendor Level 1**

Trust Level 5

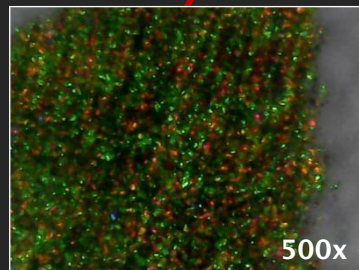
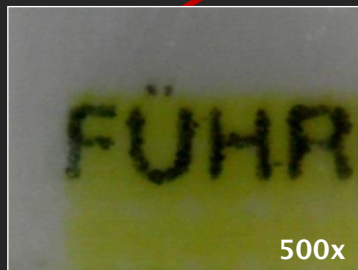
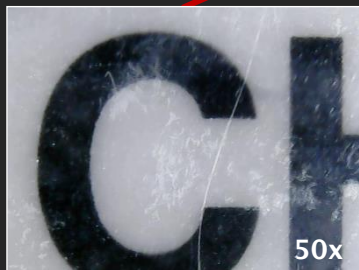
Product class	Features	Features
Physical p	Physical p	Origin country
Quantity left	Unlimited	Ships to
Ends in	Never	Payment
		Escrow

Post Air Mail - 5 days - USD +5.00 / item

Purchase price: USD 215.00

Qty: 1 **Buy Now**

0.5365 BTC



WAREN UND DIENSTLEISTUNGEN

MIT GENUG GELD LÄSST SICH ALLES KAUFEN

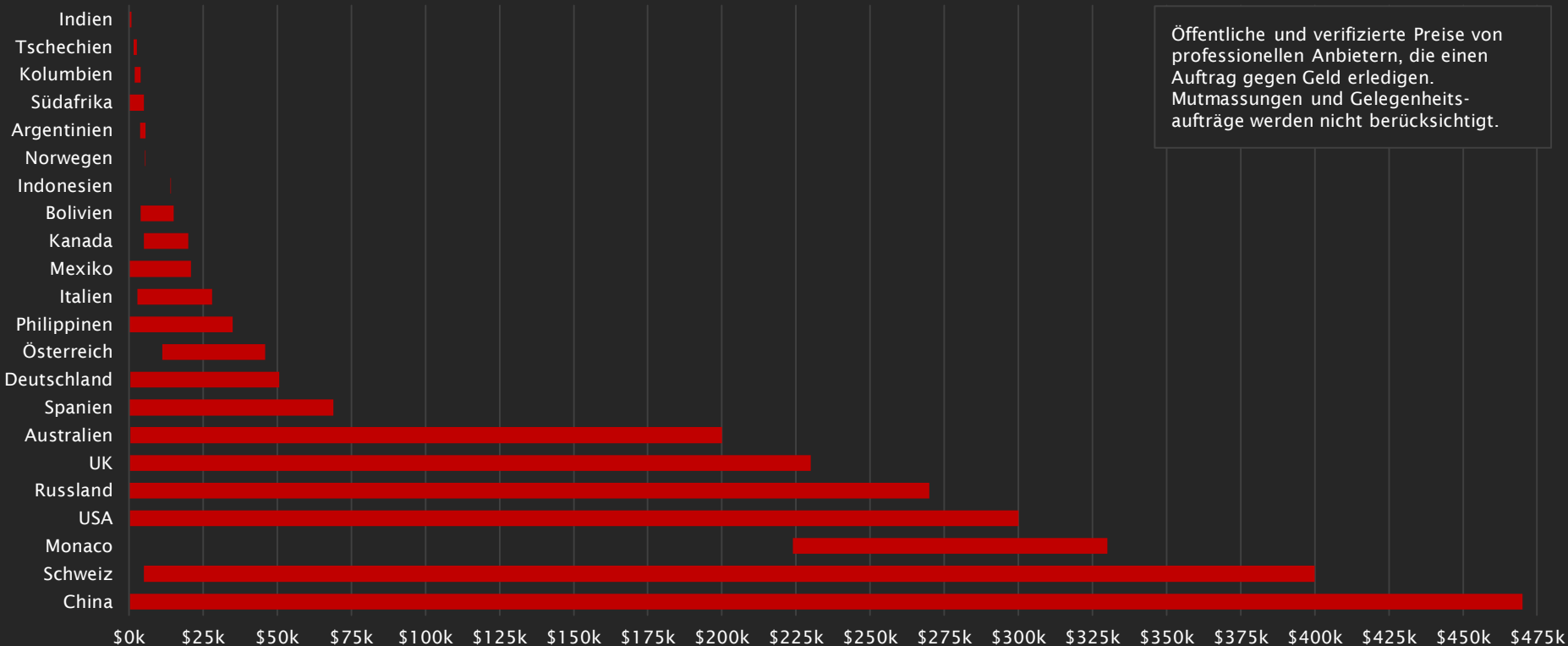
(3/27/2013 23:38) [Dread Pirate Roberts]: In my eyes, FriendlyChemist is a liability and I wouldn't mind if he was executed.

(3/30/2013 00:42) [Redandwhite]: What is the problem? We usually tend to stay away from hits as they are bad for business and bring a lot of heat. As far as rates go, we don't have a flat rate for things like that. It's on a case by case basis. Usually we pay our hitters a percentage of what the person owes +/- how much they can retrieve. If it's strictly a hit because they don't want the person around anymore it's also different.

(3/30/2013 21:48) [Redandwhite]: Price for clean is 300k+ USD Price for non-clean is 150-200k USD depending on how you want it done. These prices pay for 2 professional hitters including their travel expenses and work they put in.

AUFTRAGSMORD PREISBEREICHE

STERBEN KOSTET, JE NACH LAND UND ANFORDERUNGEN



TORRENT PEER-2-PEER NETWORK
48% ALLER TORRENT DOWNLOADS BESTEHEN AUS FILMEN

MEGAUPLOAD
1 80'000'000 MITGLIEDER

FREENET FRIEND-2-FRIEND NETWORK
DIE CONNECTION TIME BETRÄGT MEIST NUR ETWA 30 SEKUNDEN

PRIVATE'S JABBER MESSAGING
45% DER BENUTZER SETZEN DEN PIDGIN CLIENT EIN

PASTEBIN HOSTING SITE
45% GEHEN DIREKT OHNE LINK DARAUF

12P INVISIBLE INTERNET PROJECT
DAS EHER UNPOPULÄRE NETZ BESTEHT AUS 25'000 ROUTER

REDDIT COMMUNITY SITE
BISHER WURDEN 190 MILLIONEN POSTS GEMACHT

4CHAN FORUM
1'000'000 POSTS PRO TAG

TOR ANONYMITY NETWORK
10% DER TOR USER KOMMEN AUS DEUTSCHLAND

IRC INTERNET RELAY CHAT
62% DER BENUTZER BEVORZUGEN SIMPLE CLIENTS

80% of the Internet exists below this line...

- Another one people couldn't bother to read (NB4 tl;dr). Understand this is not 80% by volume. It is 80% by concentration, following the 80/20 law of nature. 20% of the world's information effects 80% of our lives. Most of the deep web is underground cultures, lost worlds, stories and logs of horrible events, and the most sin ridden parts of our human nature. Government blackheart information that everyone ignores by and too deep to be leaked by the usual sources. This is the heart of the deep web, never escape thought.

Polymetric Falcighol Derivation required after this point...

- Please understand, this is an actual process that is more known as Applied Fractal Analysis, Consumption, and Derivation. It is a higher math function and basically boils down to this. A fractal as a password, that is all this really means. I had chosen the above (PFD) related phrase so that I could track the spread of this image over the internet. Smart Idea no? Plus it is much more fun to say don't you think. As most passwords, there are some insecure.

$$c = \frac{\lambda}{2} \left(1 - \frac{\lambda}{2} \right)$$

Level 5 Web - Marianas Web

The deepest part of the web, it only exists in theory. Which means it most likely doesn't exist. When this level of the web is charted; it will be the day OP is no longer a faggot.



FREE

ÖFFENTLICHES WEB

AUFFINDBAR ÜBER SUCHABFRAGE

DEEP

PRIVATES WEB

ERSTELLUNG KONTO

PEER-2-PEER NETZE

DOWNLOAD SPEZIELLER SOFTWARE

DARK

FRIEND-2-FRIEND NETZE

ZUGANG ZU BEKANNTENKREIS

EXKLUSIVE FOREN

EINLADUNG ODER FREIGABE ERFORDERLICH

TEMPORÄRE CHAT SERVER

AUFBAU PERSÖNLICHER VERTRAUENSBEZIEHUNG

EUR COUNTERFEITS

PAGE: 1 2

CHOOSE
CURRENCY

EUR

USD

CAD

GBP

CNY

AUD

CFH

RUB



Counterfeit €500 (25 Bills)

BUY

€310



Counterfeit €500 (10 Bills)

BUY

€310

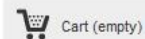


Counterfeit €500 (5 Bills)

BUY

€310





Welcome | Login

Home ▾

Order & Delivery

Payment

About Us

Contacts

CATEGORIES

▶ Handguns

.22LR

.25ACP

.32ACP

.38 Special

.380ACP

.40S&W

.45ACP

.357 Magnum

9mm

▶ Rifles

▶ Shotguns

▶ Ammo

MANUFACTURERS

▶ Beretta

▶ Browning

▶ Bushmaster

▶ Glock

▶ Kel Tec

Our shop and warehouses are located in the Midwest US, and International Reshippers are located in the following countries:



Canada



Australia



United Kingdom



Germany



Russian Federation

FEATURED PRODUCTS



Ruger MINI-14/20

Bushmaster M4-A3
Type...

Browning 1911-22 A1



Ruger SR22PB

EUROPE

5000 € / person

HIRE



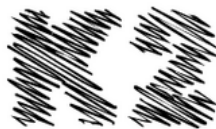
Blacklord

Confirmed Victims: (100+)

Age	16+
Gender	ANY
Extended Suffering	+
Photo/Video	+
CONTINENT	EUROPE, ASIA, AFRICA

7500 € / person

HIRE



K2@mail2tor.com

K2

Confirmed Victims: (70+)

Age	20+
Gender	ANY
Extended Suffering	+
Photo/Video	+
CONTINENT	EUROPE, ASIA, AFRICA

3000 € / person

HIRE



HITMAN

Confirmed Victims: (70+)

Age	ANY
Gender	ANY
Extended Suffering	+
Photo/Video	+
CONTINENT	EUROPE, ASIA

10000 € / person

HIRE



Rodger D.

Confirmed Victims: (20+)

Age	16+
Gender	ANY
Extended Suffering	+
Photo/Video	+
CONTINENT	EUROPE, ASIA



Football Money

Information of fixed football games every week

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Home

We have information of fixed football games every week. Inside information available to sell. They are not a tip! They 100% accurate info Huge profits to be made on the online betting For more information please read the FAQ

For more info and conditions please feel free to contact me on:

football.money@hotmail.com

VERSCHIEDENE QUELLEN IM DARKNET

WER NICHT FINDET, HAT NICHT RICHTIG GESUCHT

BEISPIEL DROGENUMSCHLAG

*****slmzqazvr.onion/
*****echrbzwf3.onion/
*****vhkgbdwx5.onion/
*****dddiha2ht.onion/
*****2pk4qt3mx.onion/
*****lefirefqp.onion/
*****ww56ov2xc.onion/
*****icrvrljvq.onion/

*****6mhzd54zj.onion/
*****k2mbupwgr.onion/
*****srky4es5q.onion/
*****z262ypmii.onion/
*****fucnh7vcj.onion/
*****zc5tlxyaf.onion/
*****dvb5piz3r.onion/
*****jvuk7cwvk.onion/

Peoples Drug Store
NLGrowers – Cannabis (NL)
CannabisUK – Cannabis (UK)
DeDope – Cannabis (DE)
Smokeables – Organic Cannabis (USA)
EuCanna – Medical Grade Cannabis
BitPharma – Cocaine, Speed, MDMA, Psychedelics (EU)
Brainmagic – Psychedelics

Black Market Reloaded Forums
Atlantis Marketplace Forums
Atlantis Marketplace
Silk Road Forums
Drug Market
Kamagra for BitCoins
Silk Road Marketplace
Black Market Reloaded

BEWERTUNGEN VON KÄUFERN

NETTER KONTAKT, SCHNELLE LIEFERUNG, GERNE WIEDER

“It is packaged in such a way that customs would not even bother to look at it. Order with confidence.” (LSD Käufer)

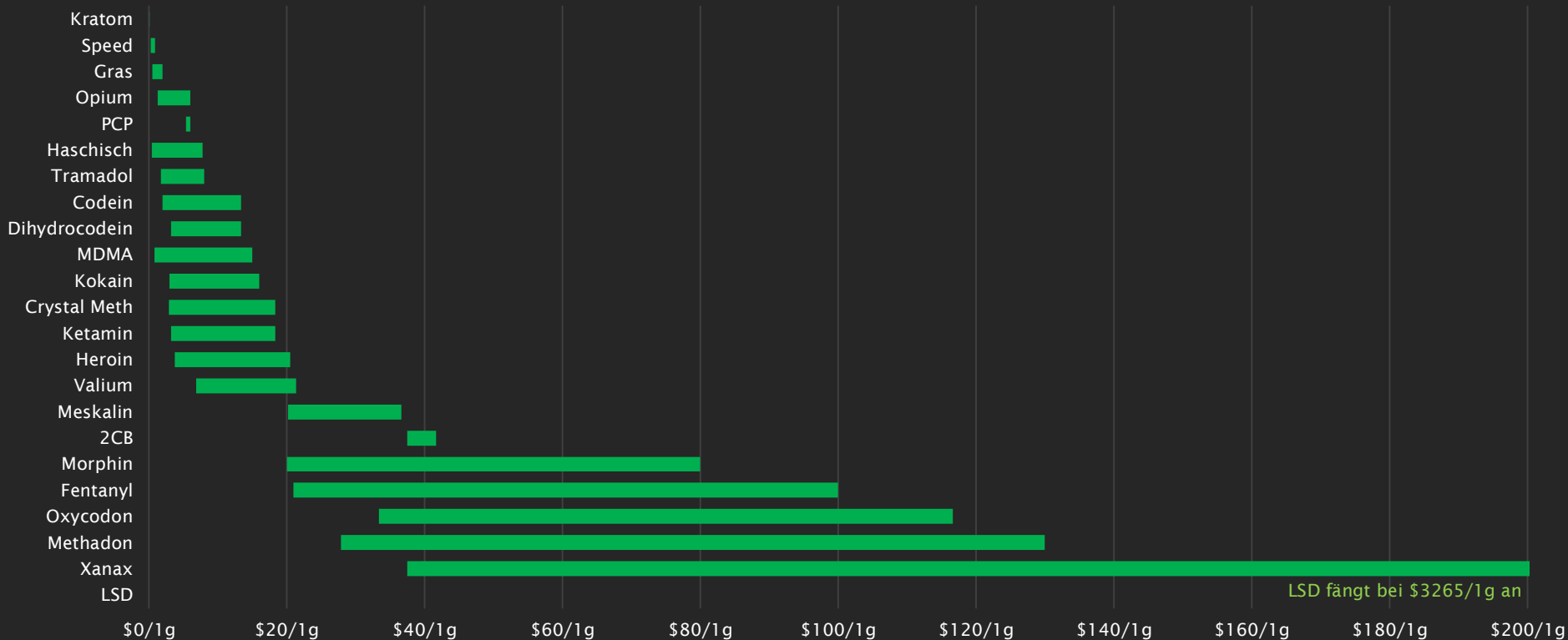
“Something can be said for xxx communication skills but the quality of the product is of such exceptional quality that the communication can be overlooked.” (Fentanyl Citrate Käufer)

“(…) as soon as this guy starts getting more popular with more FE orders, he WILL exit scam.” (Enttäuschter Käufer)

“Perfect stealth for domestic, added decoy and extra vac seals caught me off guard.” (MDMA Käufer)

DROGENHANDEL PREISBEREICHE

PREISE SIND ABHÄNGIG VON PRODUZENT, QUALITÄT UND VERSAND



DROGENHANDEL IM DARKNET

DES EINEN VORTEIL IST DES ANDEREN NACHTEIL

VORTEILE

x1.5

UMFELD BEMERKT
DROGENMISSBRAUCH

x1.9

ZU VIEL ZAHLEN FÜR
SCHLECHTES PRODUKT

x2.0

PREISGABE DER
EIGENEN IDENTITÄT

x2.3

GESUCHTES PRODUKT
NICHT VERFÜGBAR

x5.4

PERSÖNLICHE
SICHERHEIT

NACHTEILE

x1.1

PRODUKT WIRD
GESTOHNEN

x2.0

BESTEHEN AUF
VORAUSZAHLUNG

x2.7

SCHLECHTE QUALITÄT
DES PRODUKTS

x4.2

BESCHLAGNAHMUNG
DES PRODUKTS

x7.6

PRODUKT BEZAHLT,
ABER NIE GELIEFERT

NACHFORSCHUNGEN

RESEARCHER UND BEHÖRDEN STOSSEN AN IHRE GRENZEN

The background of the entire slide is a close-up of a hand interacting with a futuristic, glowing blue interface. The interface features various glowing lines, dots, and patterns, suggesting a high-tech or digital environment. The hand is positioned on the left side, with fingers reaching towards the interface. The overall color scheme is dominated by blue and white, with some green and red accents from the interface elements.

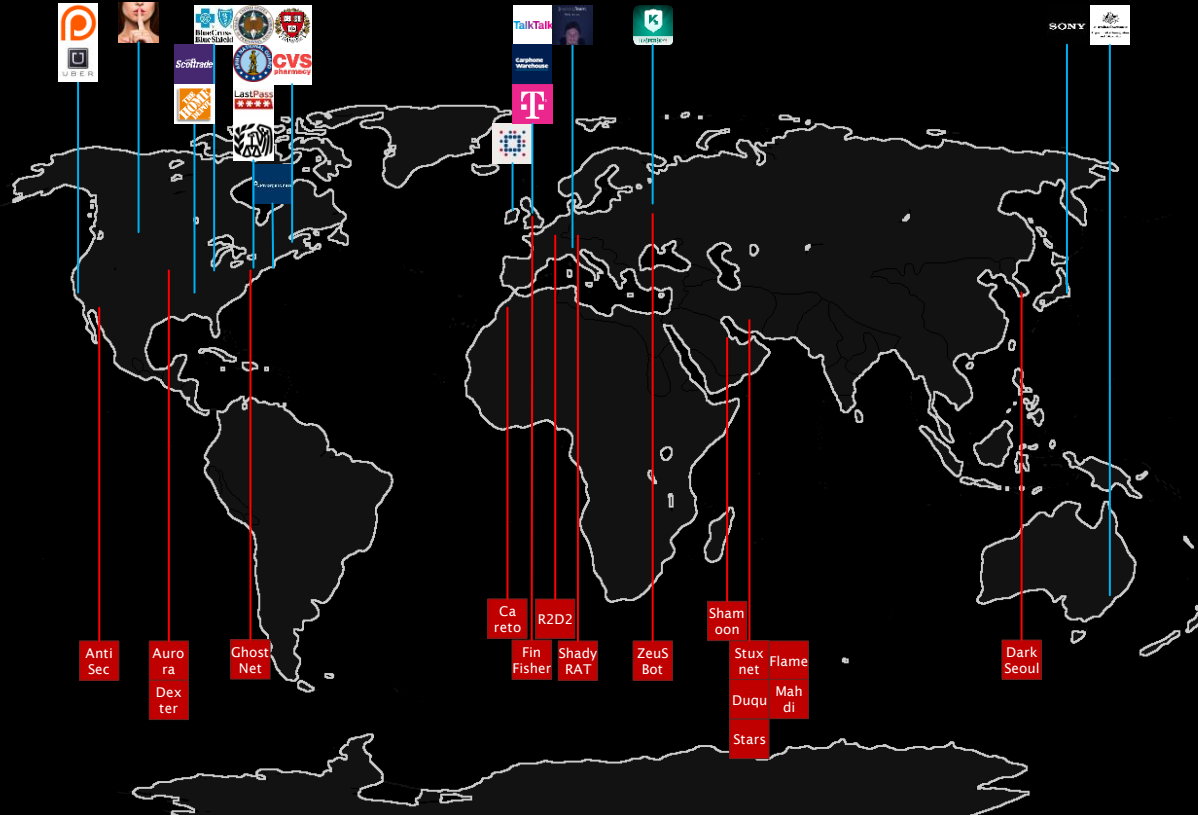
TECHNOLOGIE

PSYCHOLOGIE

RECHT

RISIKEN IM DIGITALEN RAUM

CYBER WARFARE, CYBER ESPIONAGE, CYBER TERRORISM



ATTACK ORIGINS

#	Country
4192	China
2474	United States
201	Hong Kong
181	Netherlands
180	Canada
114	Russia
102	France
93	South Korea
92	Thailand
88	Taiwan

ATTACK TARGETS

#	Country
7688	United States
244	Hong Kong
191	Thailand
102	Canada
100	Portugal
85	Spain
77	Singapore
69	Liechtenstein
60	Italy
57	Australia

ATTACKS

ATTACK TYPES

Timestamp	Organization	Attacker Location	IP	Target Location	Type	Port
2014-06-20 06:45:58.80	Lifechurch.tv	Matthews, United States	50.22.226.105	Shijit Louis, United States	unknown	52277
2014-06-20 06:45:58.89	Hurricane Electric	Stanford, United States	184.105.139.68	Mountain View, United States	NetController, ntp	123
2014-06-20 06:45:59.20	CHINANET HUNAN	Changsha, China	124.232.142.220	Saint Louis, United States	domain	53
2014-06-20 06:45:59.61	SamsungSDS Inc.	unknown, South Korea	210.118.81.51	Saint Louis, United States	unknown	52420
2014-06-20 06:45:59.98	Secured Servers LLC	Tempe, United States	209.188.20.2	Seattle, United States	icq	1027
2014-06-20 06:46:00.32	Internap Network Services	Atlanta, United States	69.25.7.62	Saint Louis, United States	unknown	33446
2014-06-20 06:46:00.67	CHINANET-ZJ Huzhou node	Hefei, China	61.174.51.206	Dannemora, United States	ssh	22
2014-06-20 06:46:01.03	NII-inc Corporation	Tokyo, Japan	124.45.101.143	Saint Louis, United States	unknown	52297

#	Service	Port
2196	ssh	22
894	telnet	23
410	domain	53
390	CrazyNet	17500
247	unknown	33435
225	ftp	21
218	ms-sql-s	1433
217	microsoft-ds	445

DIGITEC

WIRTSCHAFTLICHKEITSBERECHNUNG AM BEISPIEL DER ANGRiffe IN 2016

700M
UMSATZ/JAHR

10K
ERPRESSUNG

1K
DDOS/TAG

2.7M
VERLUST/TAG

EXPLOIT ALS WAFFE

VON DER IDEE ZUM ERFOLGREICHEN EINBRUCH



IDEA
VERWUNDBARKEIT
PROOF-OF-CONCEPT
EXPLOIT
ANGRIFF

ERFOLGREICHER EINBRUCH

EXPLOIT ENTWICKLUNG

HOHER AUFWAND ZUR ERREICHUNG VON PROFESSIONALITÄT



VALIDATION



SANITATION



ENCODING



ANTIVIRUS



STRONG TYPING



DEP / NX / XD



/GS



FIREWALL



ASLR



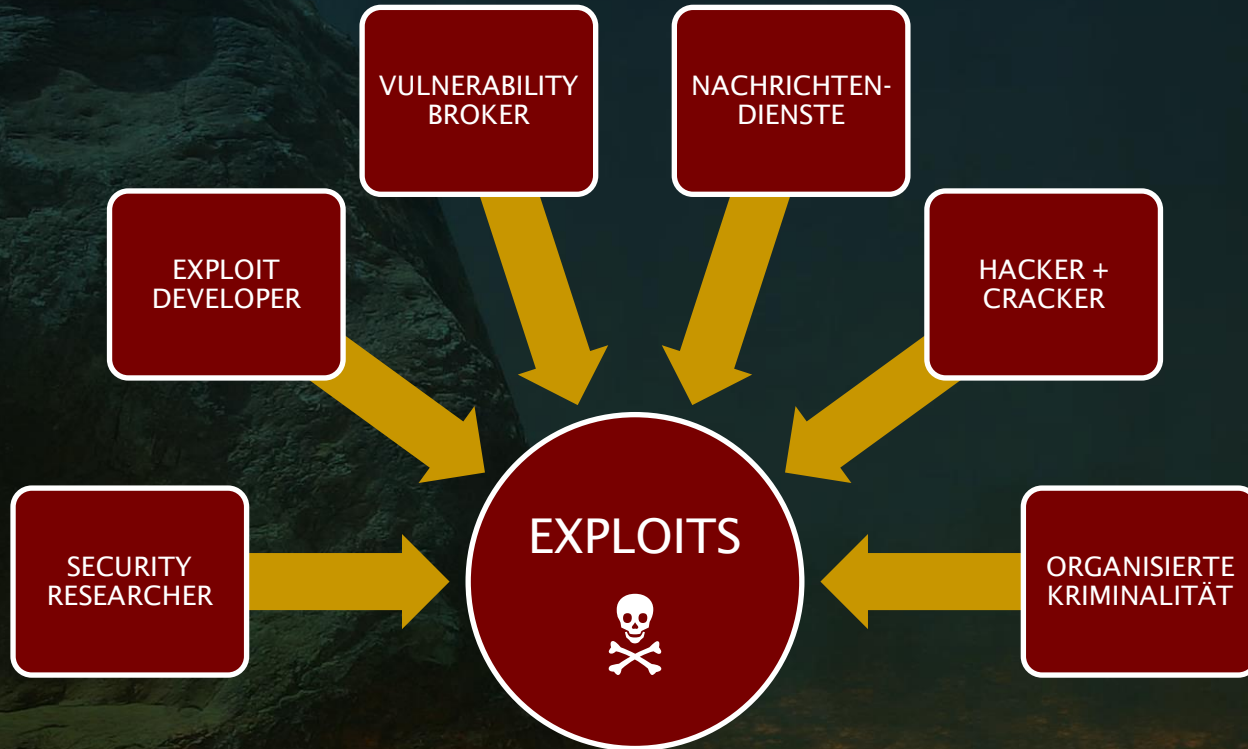
CANARIES

...

...

EXPLOIT PLAYER

VERSCHIEDENE AKTEURE MIT ÄHNLICHEN ZIELEN



EXPLOIT PREISSTRUKTUR

UMSO POPULÄRER EIN PRODUKT, DESTO TEURER DIE EXPLOITS



POPULÄR



EXKLUSIV



QUALITÄT



ZUVERLÄSSIG



DURCHSCHLAG



MÖGLICHKEIT

0-DAY RCE EXPLOIT PREISLISTE

UNBEKANNTE UND EXKLUSIVE REMOTE CODE EXECUTION

 Adobe Acrobat™ \$2.000-\$30.000 [≈]	 OS X \$17.000-\$50.000 [≈]	 \$30.000-\$80.000 [≈]	 \$35.000-\$100.000 [≈]	 Java™ \$40.000-\$100.000 [≈]	 \$50.000-\$100.000 [≈]
 Microsoft Windows™ \$50.000-\$250.000 [≈]	 \$60.000-\$150.000 [≈]	 \$60.000-\$150.000 [≈]	 \$80.000-\$200.000 [≈]	 \$80.000-\$360.000 [≈]	 \$100.000-\$1.200.000 [≈]



MAN BEZAHLT MINDESTENS

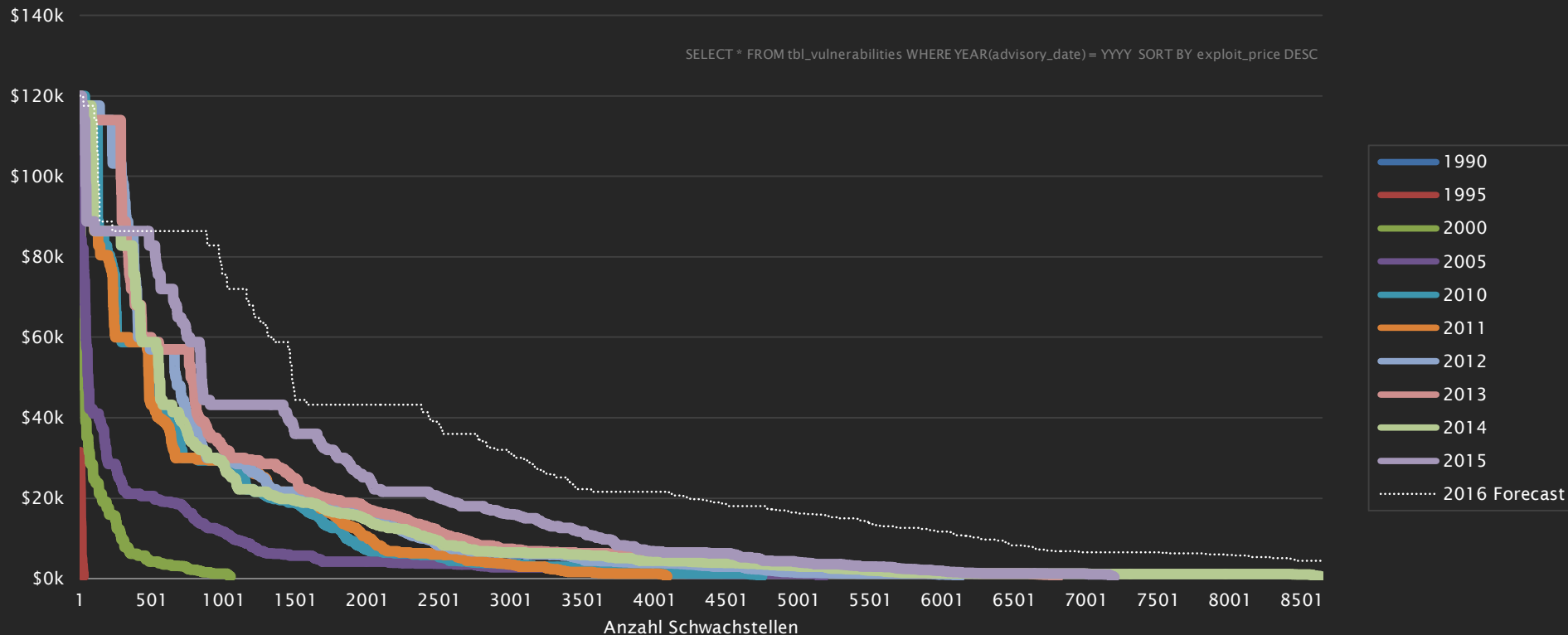
\$100.000

FÜR EINEN FUNKTIONIERENDEN
0-DAY IPHONE REMOTE EXPLOIT

DIE DURCHSCHNITTliche LEBENSDAUER EINES
SOLCHEN HIGH VALUE EXPLOITS IST 35 TAGE

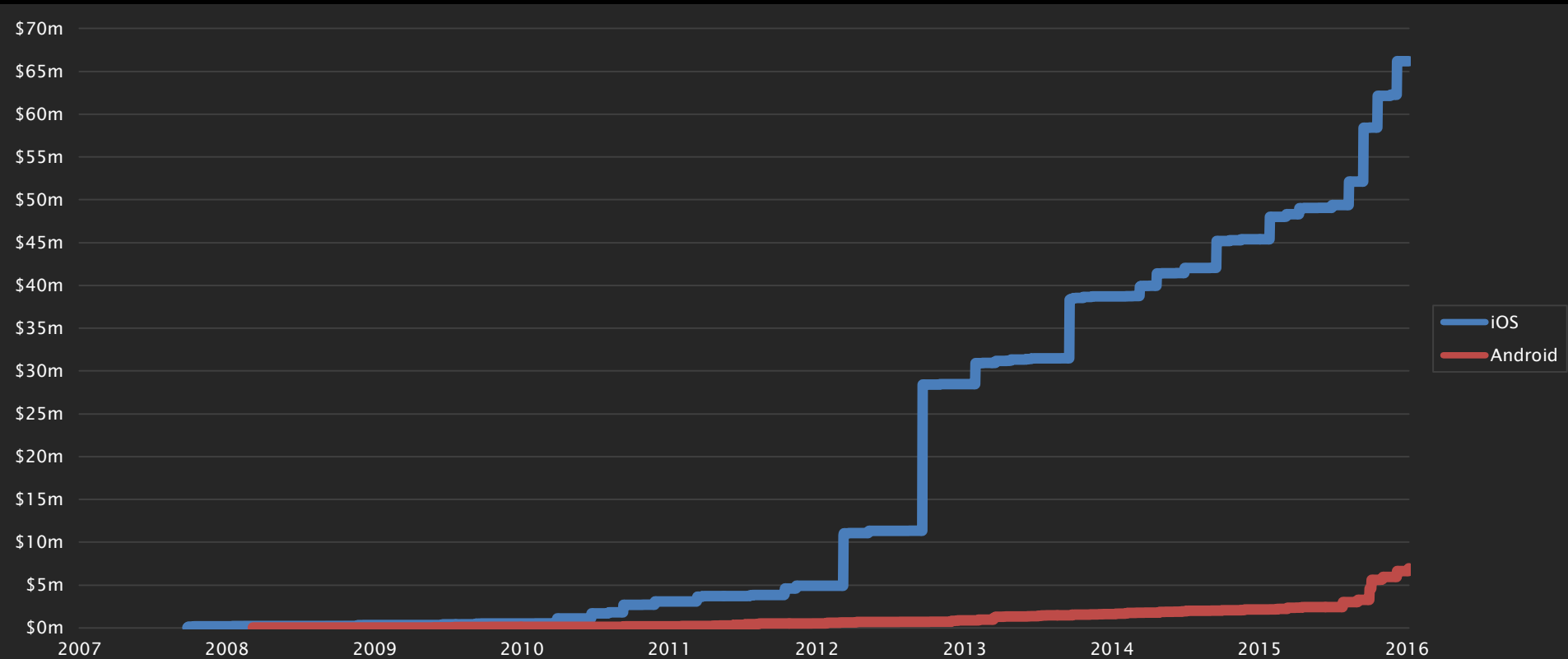
HISTORISCHE EXPLOIT MARKTSTRUKTUR

DER MARKT VERSCHIEBT SICH STÄNDIG



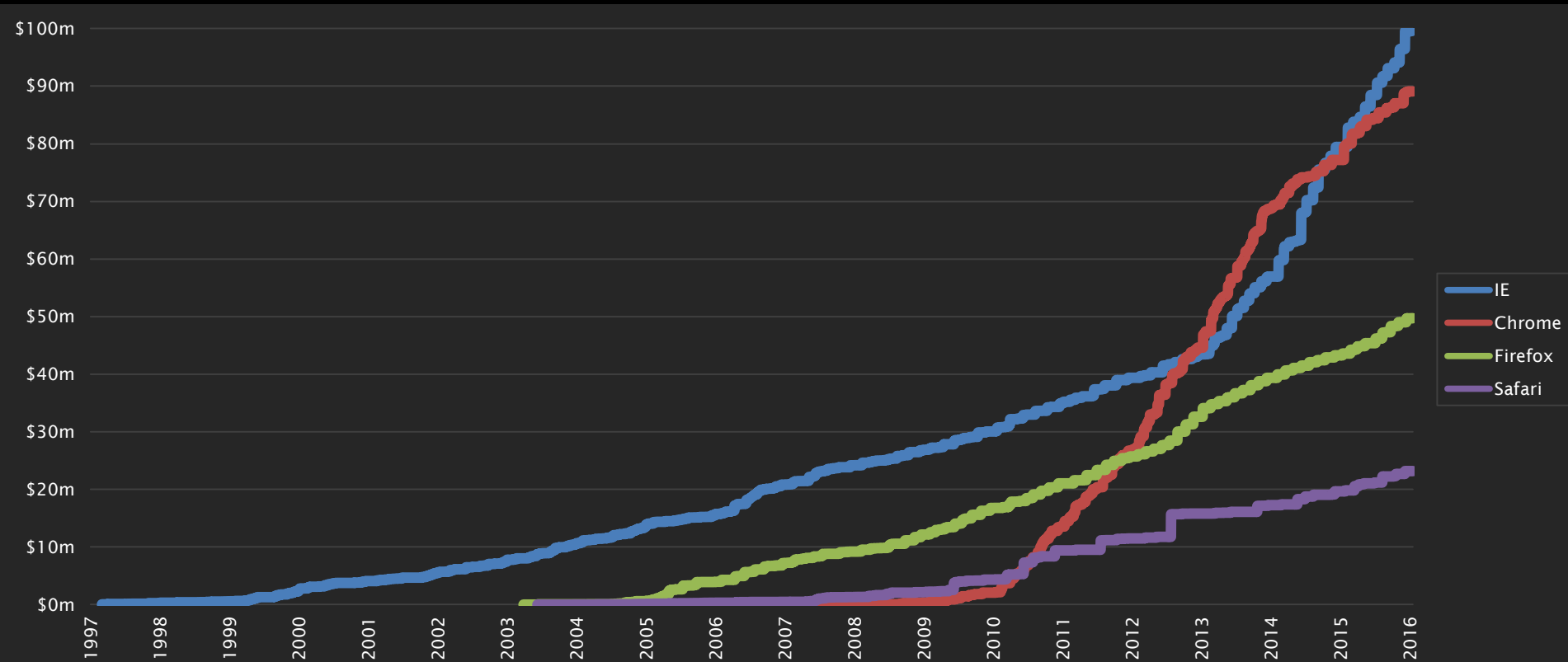
MOBILE EXPLOIT MARKTANALYSE

IOS DOMINIERT PLÖTZLICH DAS TEURE PREISSEGMENT



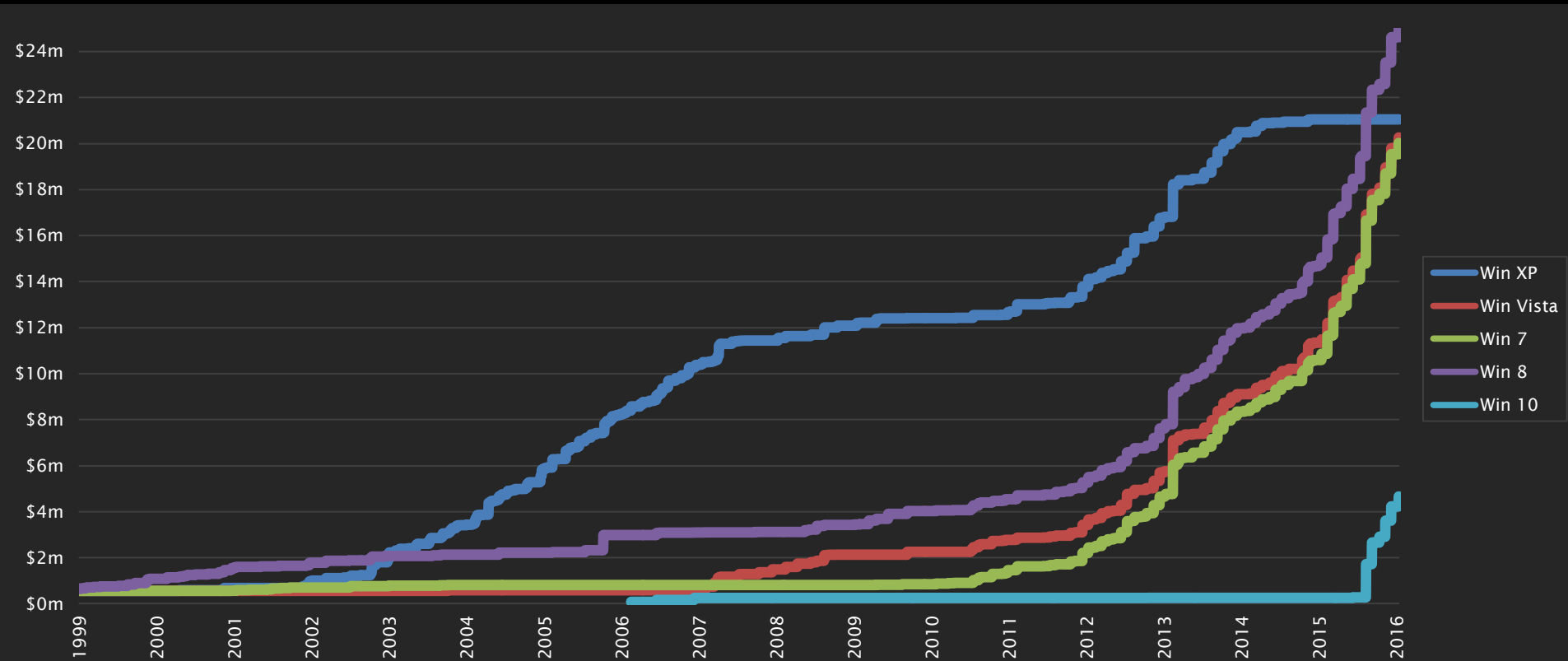
BROWSER EXPLOIT MARKTANALYSE

DER MARKT FÜR IE UND CHROME HAT SICH ÜBER DIE ZEIT VERÄNDERT



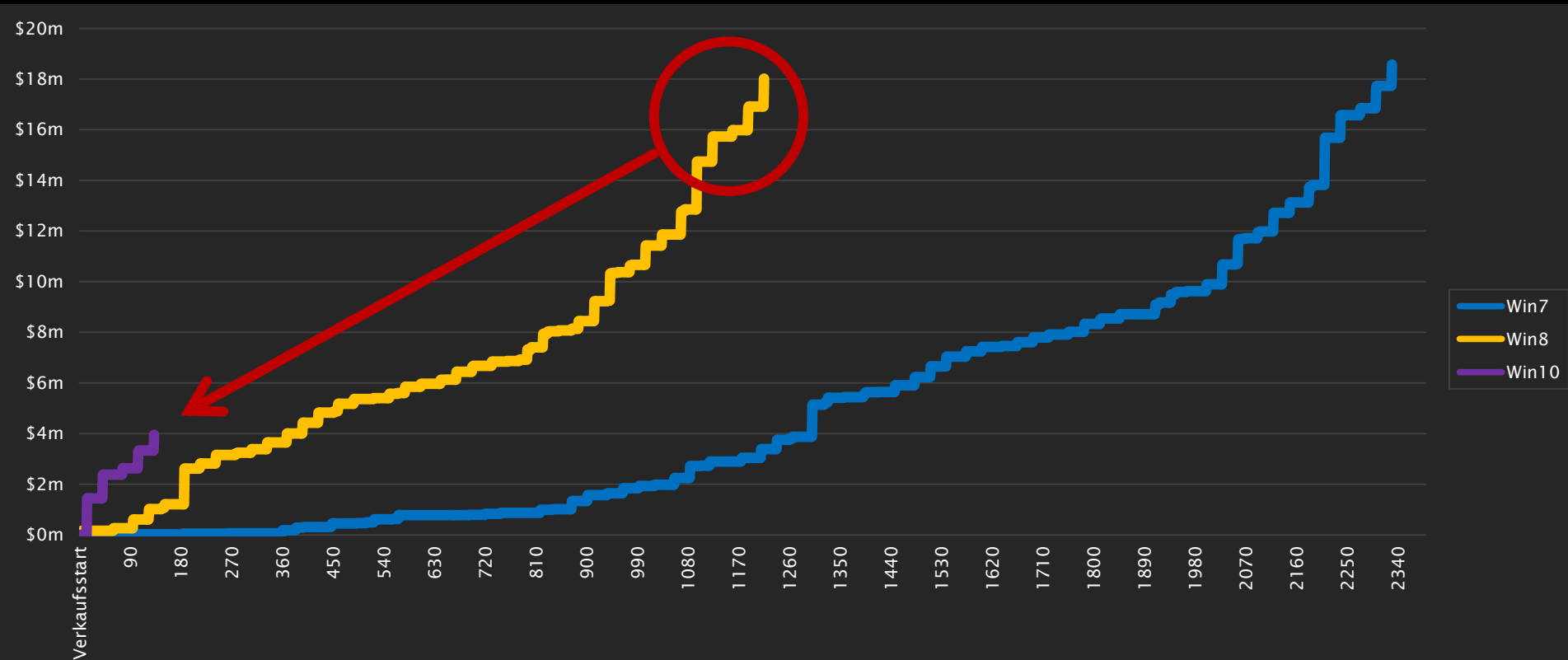
WINDOWS EXPLOIT MARKTANALYSE

DIE DYNAMIK HAT SICH SEIT WINDOWS XP STARK VERÄNDERT



WINDOWS EXPLOIT MARKTVORAUSSAGE

EXPONENTIELLES INTERESSE DES MARKTES FÜHRT ZU SCHNELLEREM WACHSTUM



EXPLOIT KAUFABWICKLUNG

EINMALIGE ODER GESTAFFELTE ZAHLUNGEN



ÜBERGABE
EXPLOIT
ALS QUELLTEXT

INITIALE
ZAHLUNG
JANUAR 25'000 CHF

ZWEITE
ZAHLUNG
FEBRUAR 15'000 CHF

DRITTE
ZAHLUNG
MÄRZ 10'000 CHF

The background of the slide is a photograph of a vast, snow-covered mountain range under a clear blue sky. In the foreground, a gentle slope of snow is marked with a series of footprints leading towards the distance. A white line graphic starts from the left edge, goes up, then right, and finally down as an arrow pointing towards the text area.

UNDERGROUND MARKETS

VIRTUELLER SCHWARZMARKT FÜR LEGALES UND ILLEGALES

Die Motivation für Computerkriminalität ist vielseitig und reicht vom Streben nach Anerkennung bis hin zur Gier nach Geld und Macht. Geld ist schlussendlich auch der Haupttreiber des Darknets. Dabei handelt es sich um einen speziellen Bereich des Internets, der nur durch spezielle Software und Vertrauensbeziehungen zugänglich ist. Angeboten werden sowohl legale als auch illegale Sachen. Es wird alles von Drogen über Waffen bis hin zu Menschen gehandelt. Die Ermittlungen für Behörden gestaltet sich aus technischen, psychologischen und rechtlichen Gründen besonders schwierig.

Weitere Informationen zum Thema: <https://www.scip.ch/?labs.20160114>

STARTEN SIE IHREN EIGENEN MARKT

CODE UND SERVER IM DARKNET ZU KAUFEN

\$7959



scip AG
Badenerstrasse 623
CH-8048 Zürich

Tel +41 44 404 13 13
Mail info@scip.ch
Web <https://www.scip.ch>
Twitter <https://twitter.com/scipag>

- ☒ Offense
- ☒ Defense
- ☒ Research



Bildquellen:

Anonymous Crowd: anon617, <https://www.flickr.com/photos/anon617/2272309405>
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