



IN THE ERA OF

HYPER CONNECTIVITY

UNFORMATION



Elisabeth de Leeuw

DATA PROTECTION REGULATIONS

De Jure



SAFE HARBOUR

✗ National authorities entitled to examine EU-US data transfers

De Jure



DATA SHIELD

- ✗ Need to limit collection, encourage deletion
- ✗ Power to enforce?

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GDPR
EU General Data Protection Regulation

GDPR
GENERAL DATA PROTECTION REGULATION

Joint Statement on the final adoption of the new EU rules...
EU News - 14 Apr 2016
The new rules will ensure that the fundamental right to personal data protection is guaranteed for all. The **General Data Protection Regulation** ...

- ☺ Data breach notification, security, pseudonymisation, encryption
- ✗ How to comply, how to enforce?

*Interception budget increasing from
€ 15 mio in 2017 to € 35 million in 2019*

De Jure



Kabinet houdt vast aan massaal aftappen internetverkeer

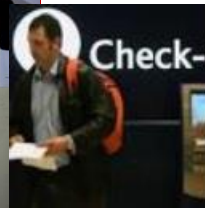
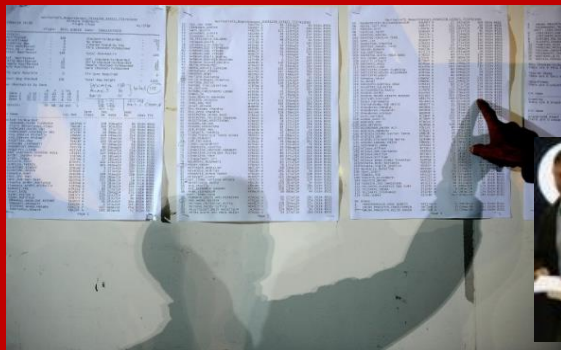
Het kabinet zet de plannen voor het op grote schaal aftappen van internetverkeer ongewijzigd door. Daarmee trekt het zich niets aan van de kritiek van de telecomsector en maatschappelijke organisatie. Inlichtingendiensten kunnen straks datacentra die e-mail, sms, internettelefoon en apps verwerken structureel in de gaten houden.

Dat blijkt uit een nog geheim wetsvoorstel voor de inlichtingen- en veiligheidsdiensten (Wiv) dat in handen is van de Volkskrant. Daarin staat ook dat geheime diensten vanaf 2017 elk jaar één groot toegangspunt tot het internet zullen gereedmaken om afgetapt te worden. In 2020 omvat het aftapnetwerk dan vier grote localities.

Ton Sicdsma van privacyorganisatie Bits of Freedom: 'Dit maakt duidelijk dat de regering de plannen voor ongerichte interceptie, een sleepnet, vol doorzet.'

Wetsvoorstel voor Inlichtingen- en Veiligheidsdiensten

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Passenger name records adopted by EU Parliament

POLITICO.eu - 14 Apr 2016

The **PNR directive** passed parliament today 461-to-179, with nine ...

The **PNR directive** allows for the exchange of **passenger** information ...



PNR PASSENGER NAME RECORD

- ✗ Vague data collection and duration of storage
- ✗ No obligation to share with member states

De Facto



**DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION**

VS

Apple

☺

cellebrite
delivering mobile expertise

Unlocking iPhone for FBI

X

**iPhone
DECRYPTION**

Desired Amendments

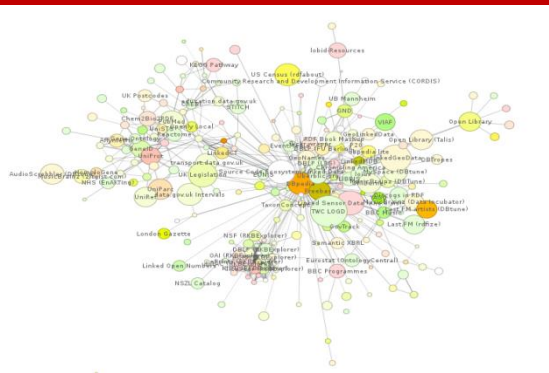
The current legal frameworks focus on the collection and sharing of data (...) [and] should be supplemented by new standards for the analysis and use of data in Big Data processes.

Netherlands Scientific Council for Government Policy



SURVEILLANCE | SECRETIVE SOCIETY

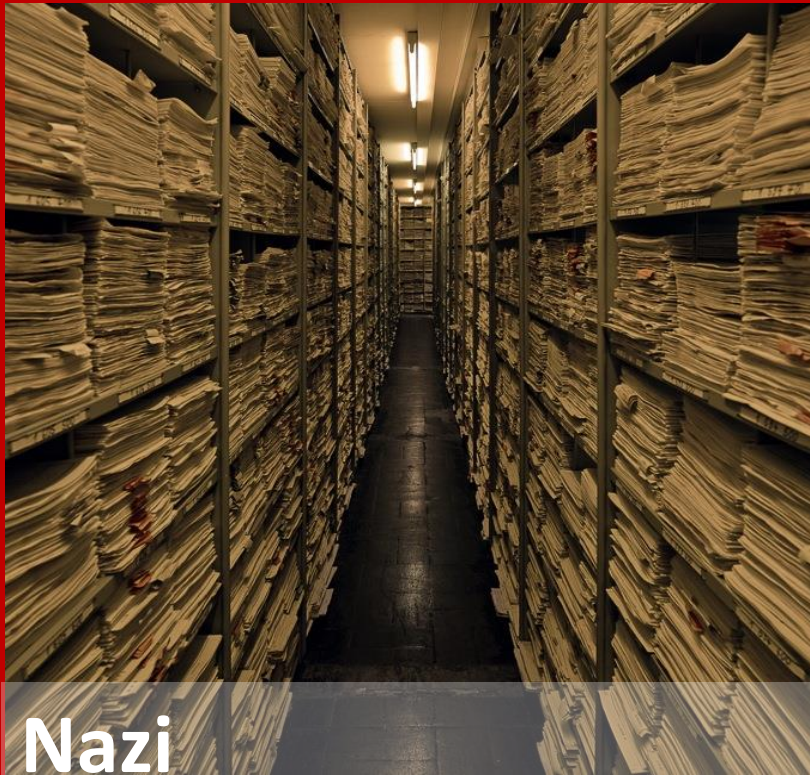
Surveillance Society



Secretive Society



20st Century

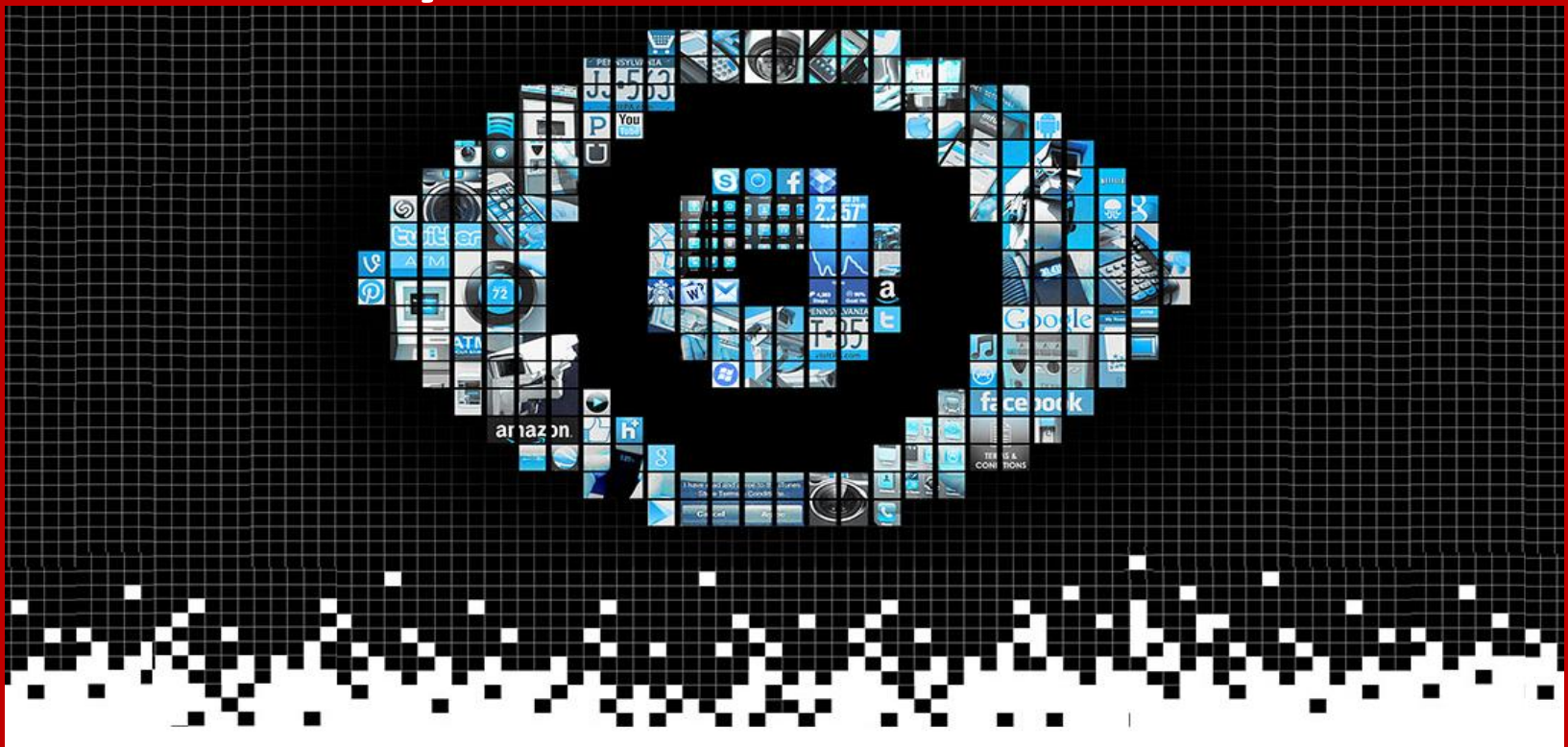


Nazi



Stasi

21st Century?





UNFORMATION

Hyper Connectivity & Data Analytics

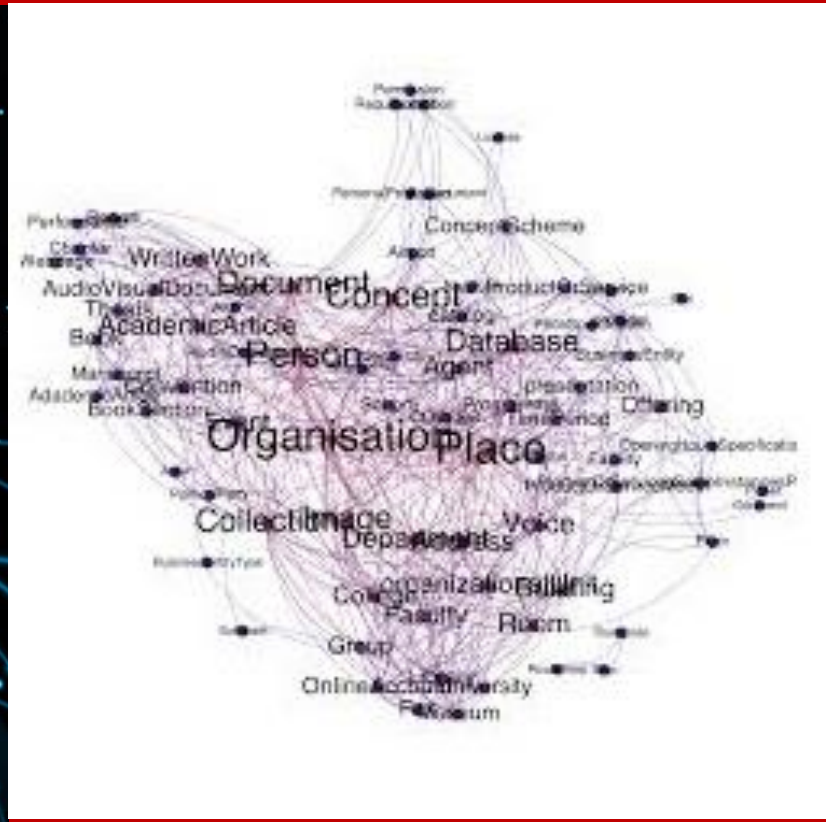
IN DATA ANALYTICS...



...ALL DATA WILL BE PII

Correlation of (meta) data
Data retention

Hyper Connectivity



Dilemma's

Need to Know...
911...
Privacy...

... or Need to Share
... or WikiLeaks
...or wealth and safety

*Haystacks of irrelevant data will (...)
inundate analysis (...)
and will cost lives*

William Binney, ex-NSA

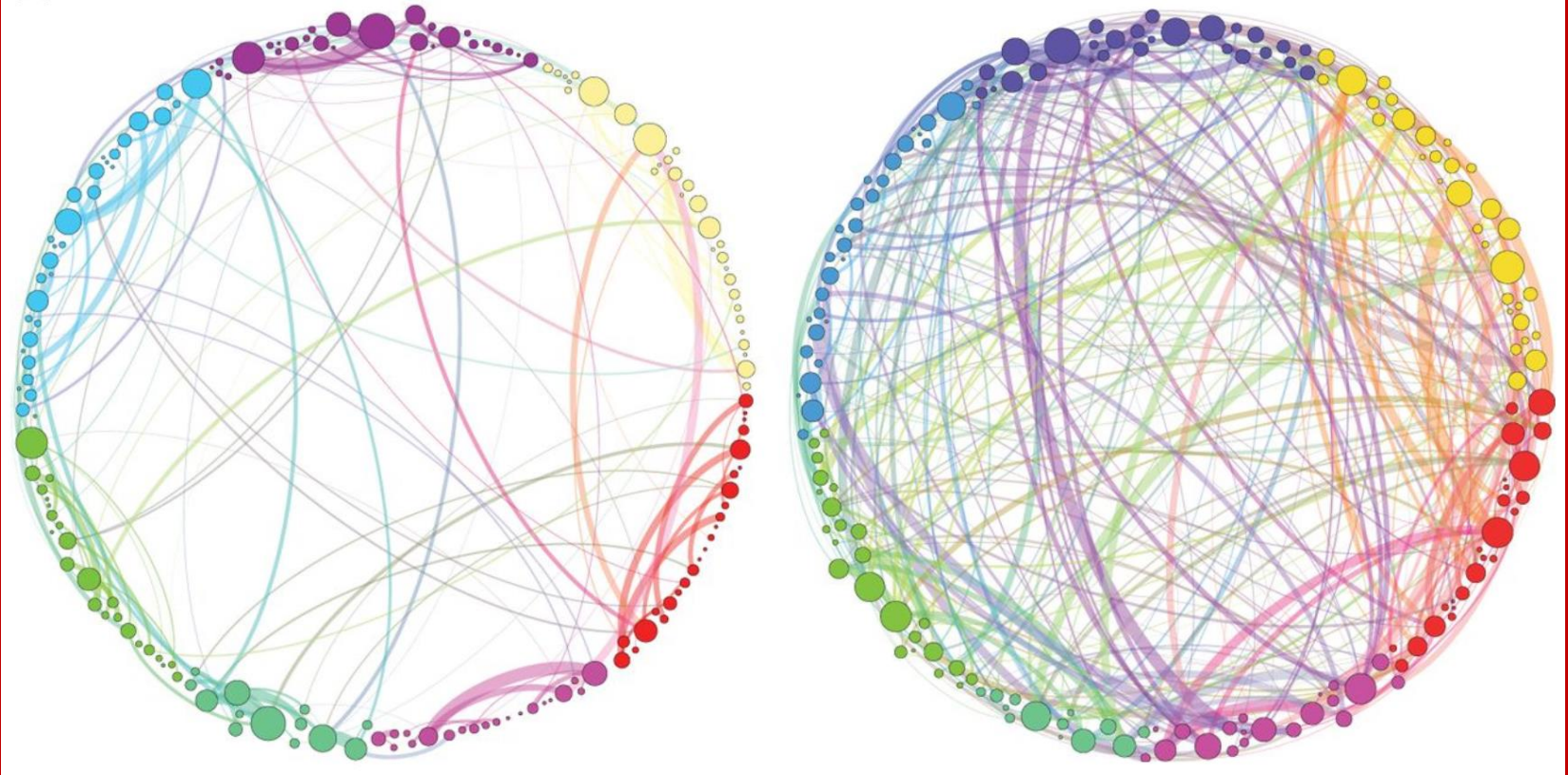
To Know...

... or to Un-Know

*Data exchange
Distortion of information*



Effect of Psilocybine on the Brain





unformation

Noun
(uncountable)

• (rare) The reverse of formation; taking or coming apart; disassembly.

Origin
un- + formation



UNCYCLOPEDIA
The Content-Free Encyclopedia

“You’ve got it wrong.”
~ Oscar Wilde on unformation



unformation

The direct opposite of information



CHALLENGES

Societal Challenges

Democratic governance & balance of powers

- *Access to information*
- *Powers of comprehension*

Technological Challenges

Balanced application of technologies

- *Cyber intelligence keeping pace with cyber arms race*
- *Data protection keeping pace with cyber intelligence*

Robust cyber infrastructure

*Strengthen identity infrastructure
Reduce retention and intrusion*

Possible Strategies

