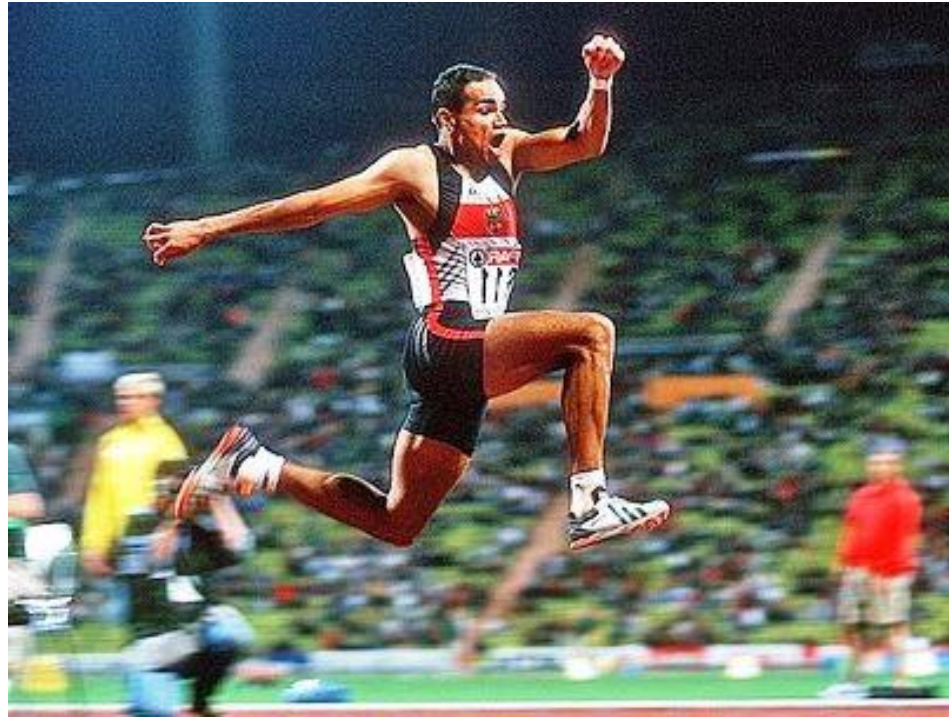


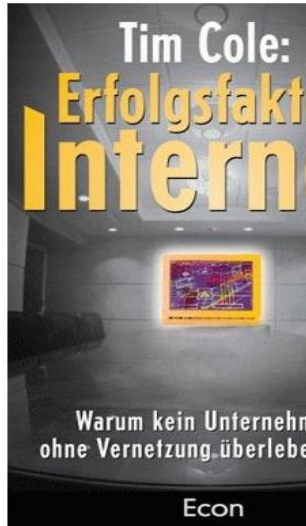


Digitale Transformation

Was jetzt getan werden muss!

Tim Cole

Internet-Publizist
Salzburg/München



1999



2010

SMART INDUSTRY

The IoT Business Magazine

powered by AVNET
Silica

7,50 EUR | 2017

GOOGLE
is betting big on IoT

**EUROPE'S BEST
SMARTUP CITIES**

TESLA
The smartest factory

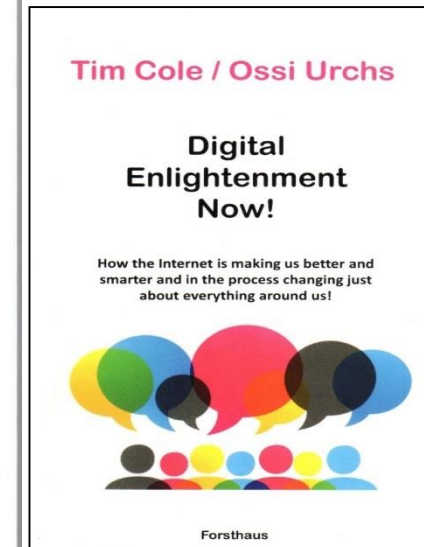
THIERRY BRETON
A supercomputer in
every pocket



BLOCKCHAIN REVOLUTION:
INTERNET UNCHAINED



2003



2013



Die **3** Megatrends des 21sten Jahrhunderts

DIGITALISIERUNG

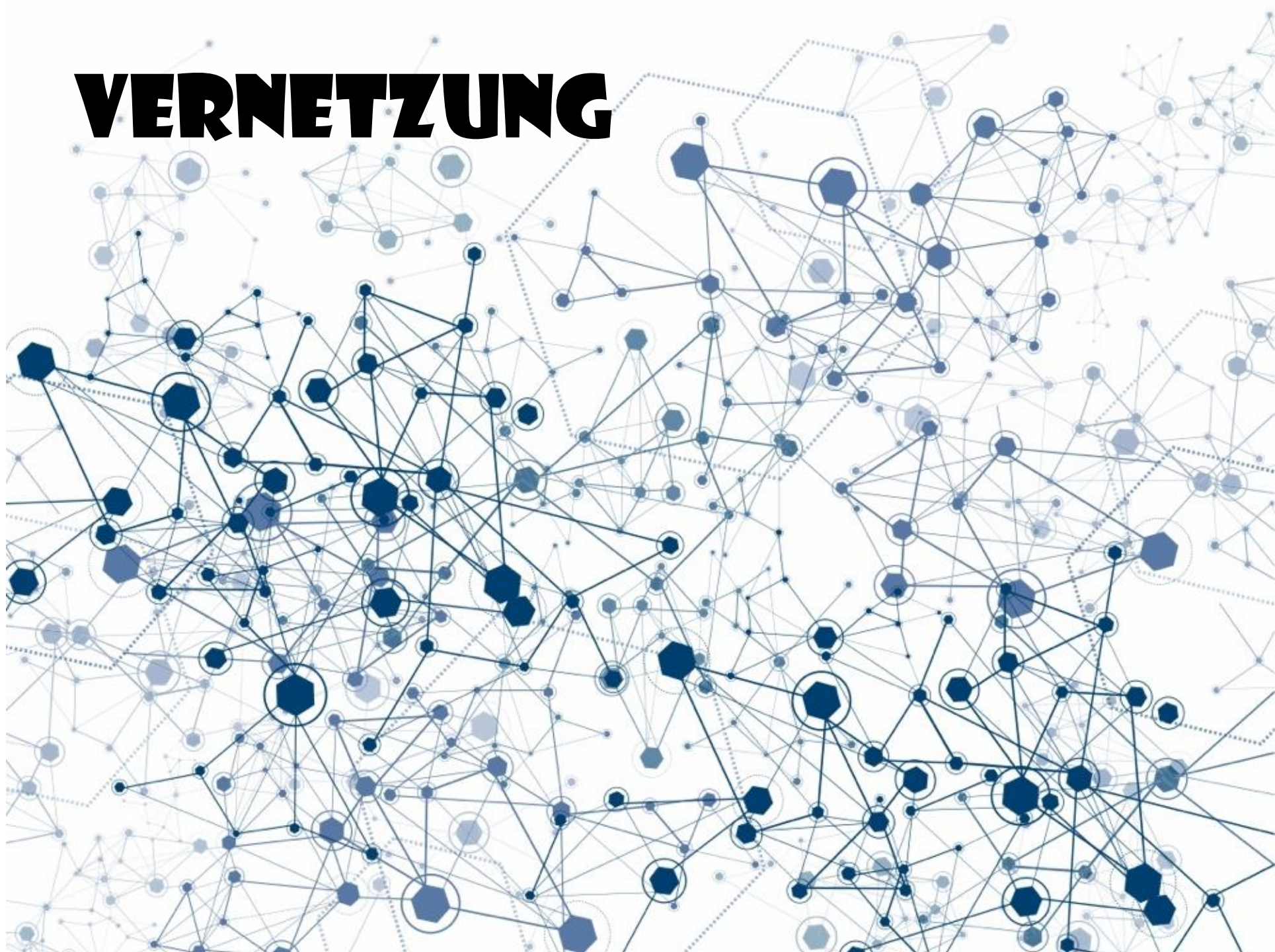


Life in **real time**

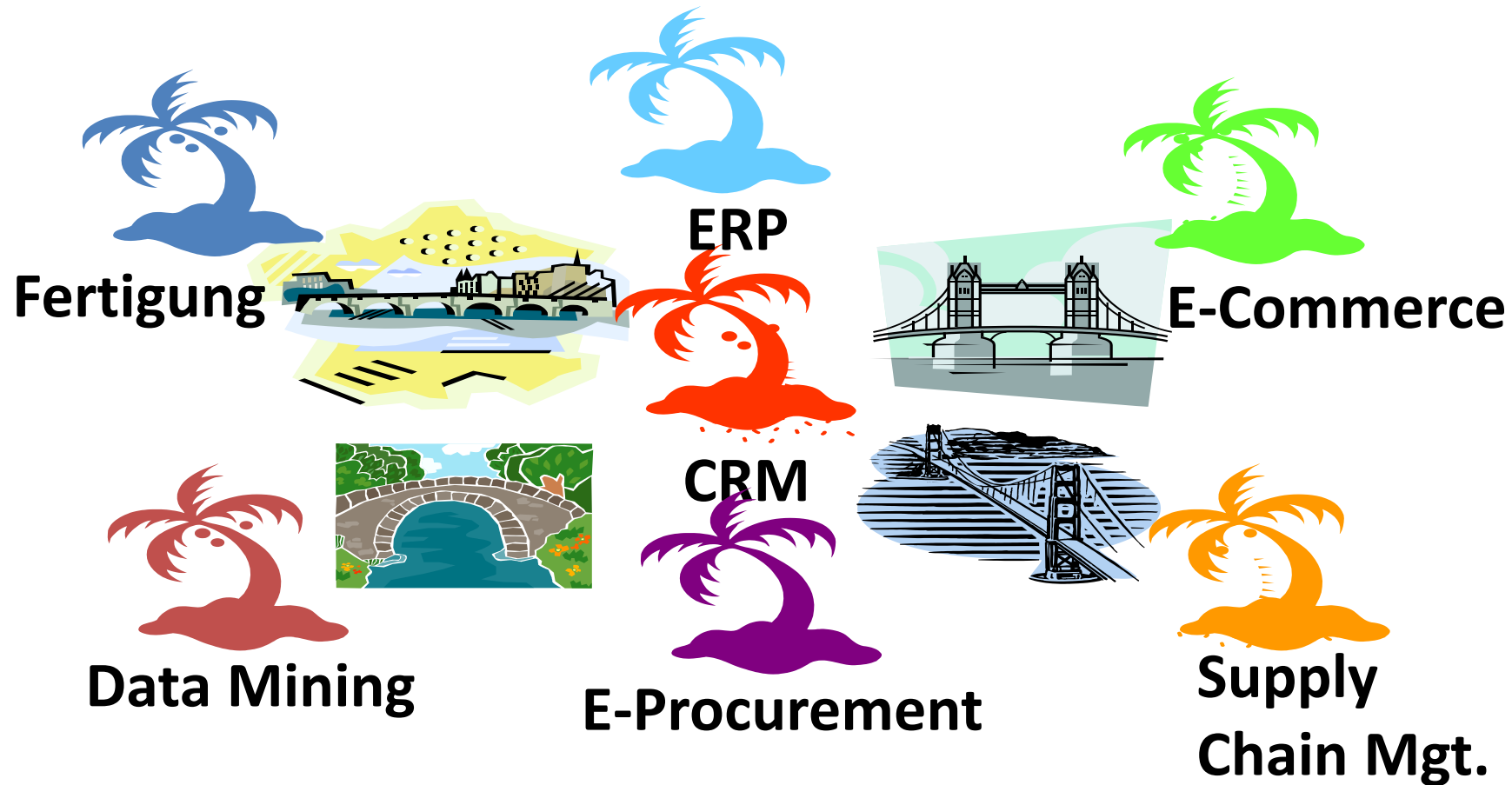


Digital Acceleration

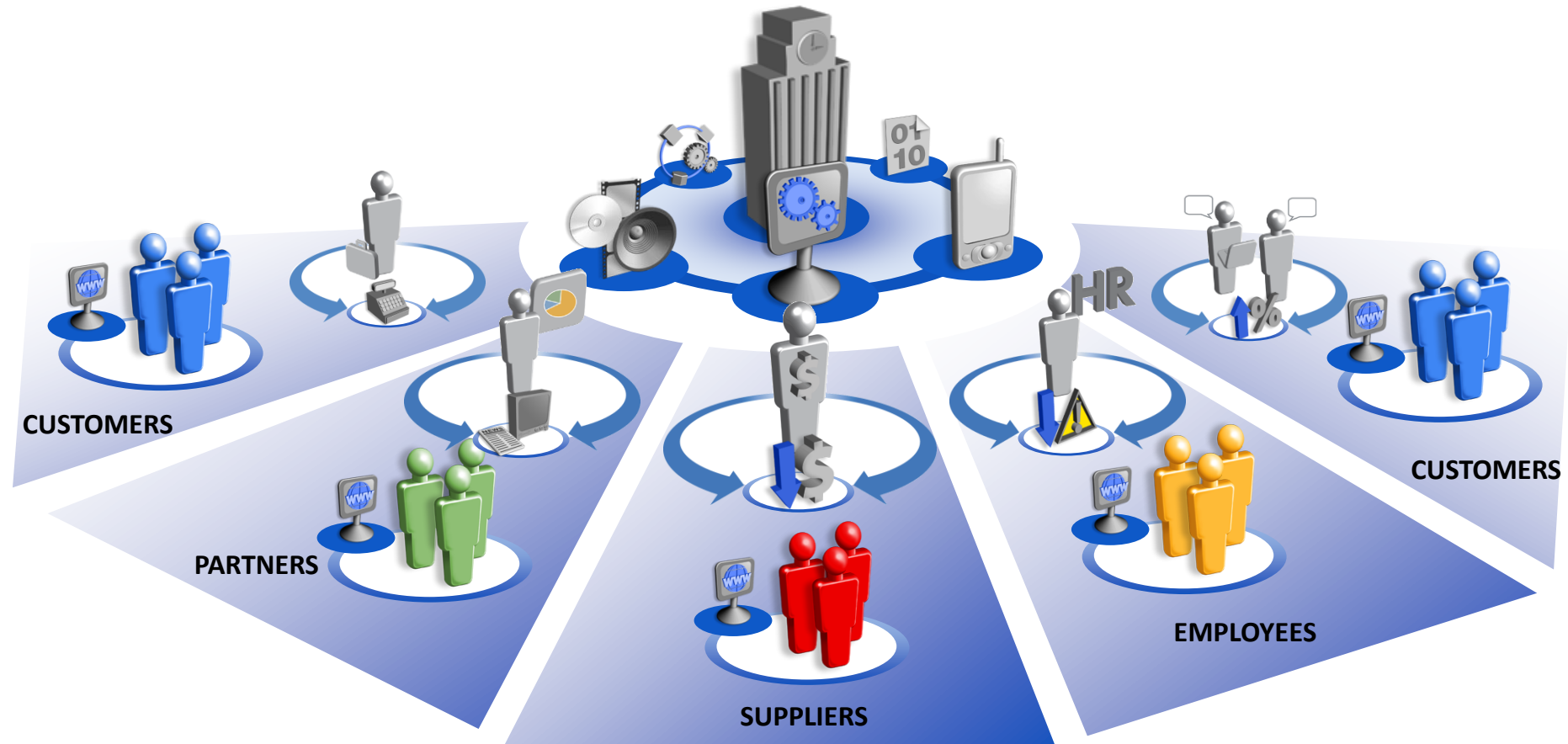
VERNETZUNG



Digitale Inseln



“Right Information, Right Place, Right Time”





Uwe Hauck @bicyclist · 7. Apr.
Digitalisierung in Deutschland in einem Bild:



1,7 Tsd.



1,9 Tsd.



MOBILITÄT



Digitale Beduinen



GENERATION



DIGITALISIERUNG

VERNETZUNG

MOBILITÄT

Disruption!





The world's most valuable retailer...
... has no inventory

U B E R

The world's largest taxi company...
... owns no fleet



The world's most popular media owner...
... creates no content



The world's largest accommodation provider...
... owns no real estate

Source: <http://techcrunch.com/2015/03/03/in-the-age-of-disintermediation-the-battle-is-all-for-the-customer-interface/>

Seeing the **world** through other eyes





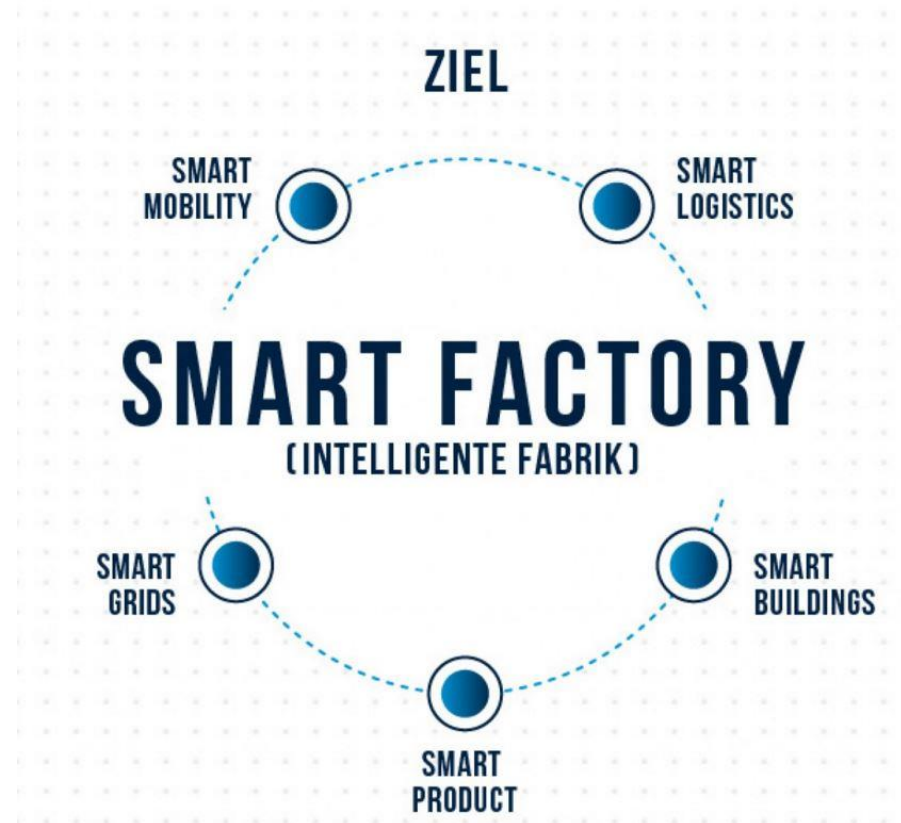
There's only **one** world!



Industrie 4.0?



Industrie 3.0 oder 4.0?





James M. Connolly
Newsweek

“It’s just good old data, stupid!”



„Daten sind das **Erdöl des
21sten Jahrhunderts!“**

Gerd Leonhard
The Future Agency



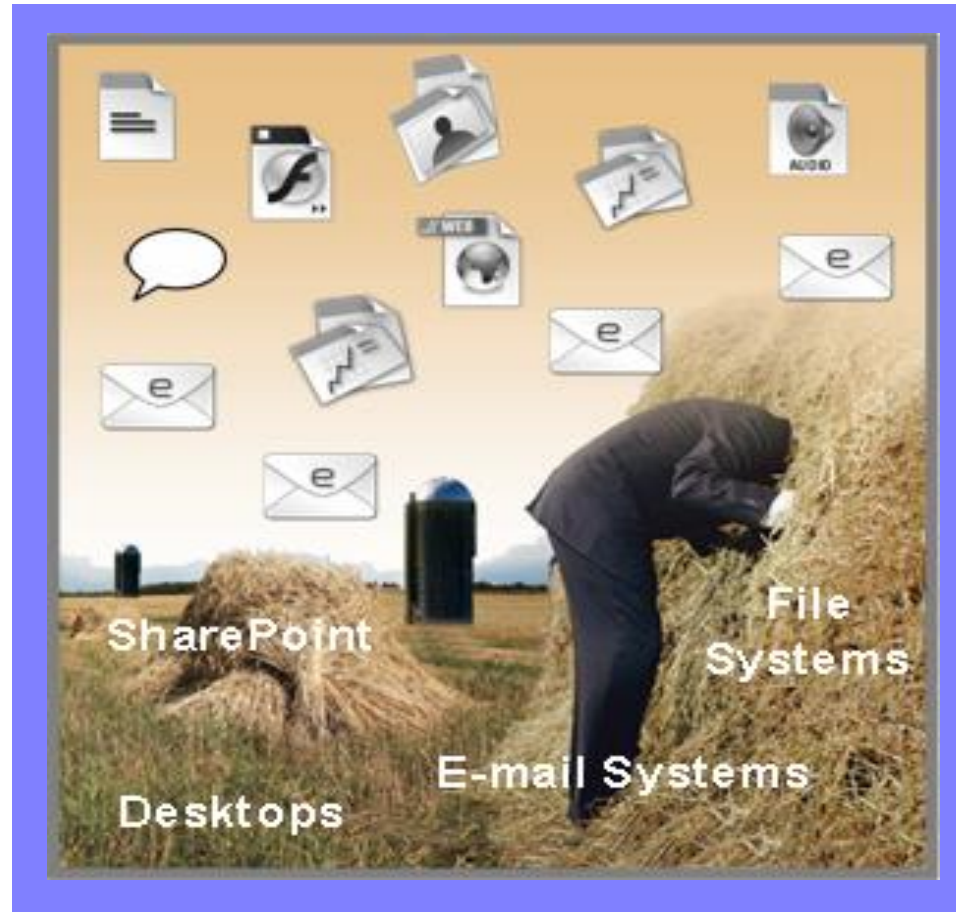
**„Wenn Siemens wüsste,
was Siemens weiß, dann
wären unsere Zahlen
besser!“**



Heinrich von Pierer
CEO Siemens (1995)



„Digital Landfill“



Quelle: IBM

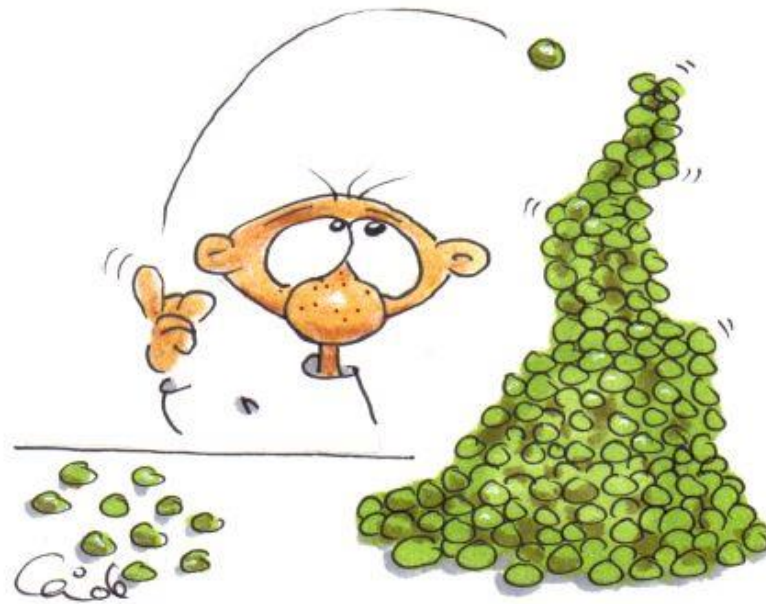
*„Digital Assets“**

Feri Clayton, Director, ECM Development, IBM Software Group („FileNet“)



*Digitales Firmenvermögen

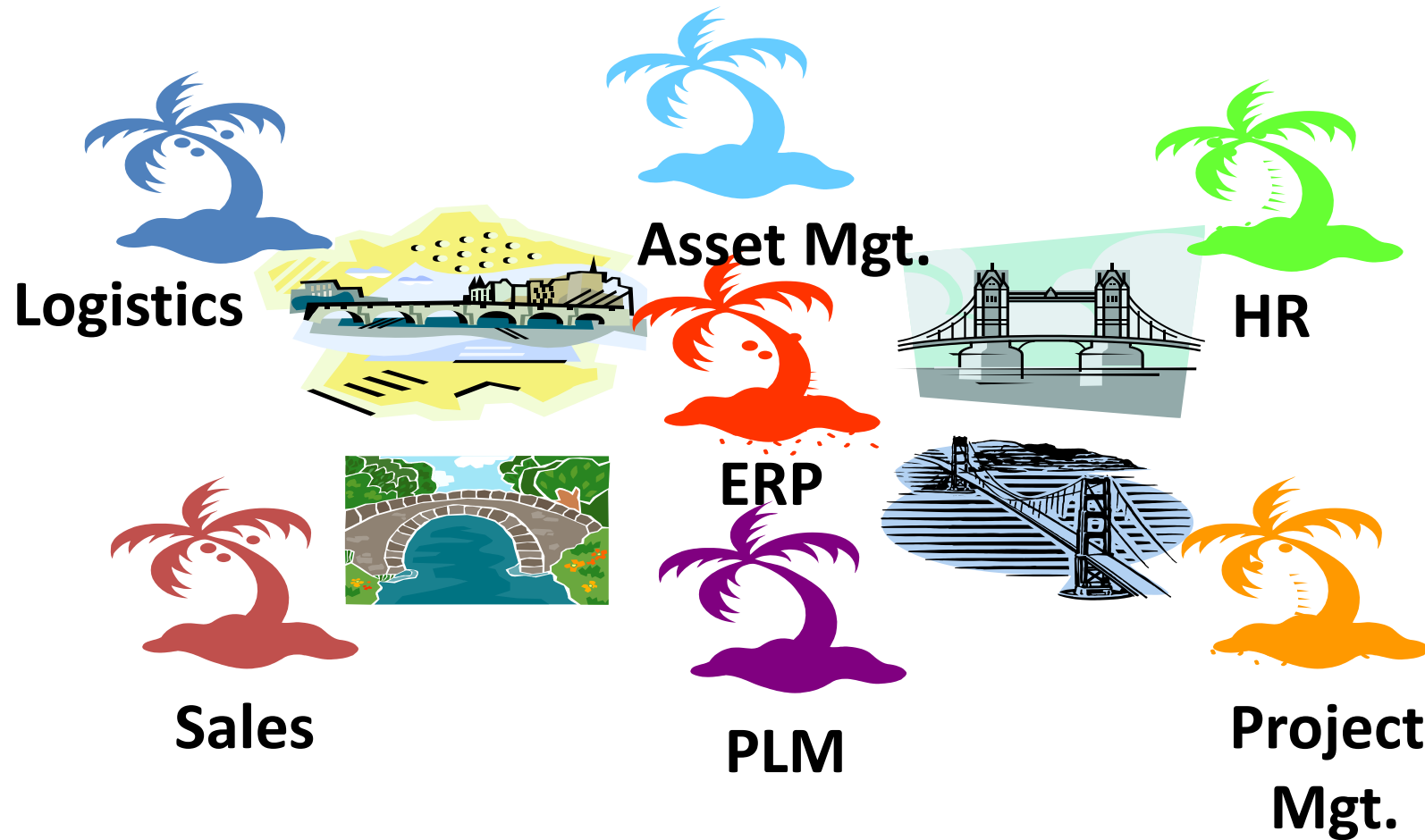
Digitale Erbsenzähler



„Controller sollten die Könige der Daten sein!“

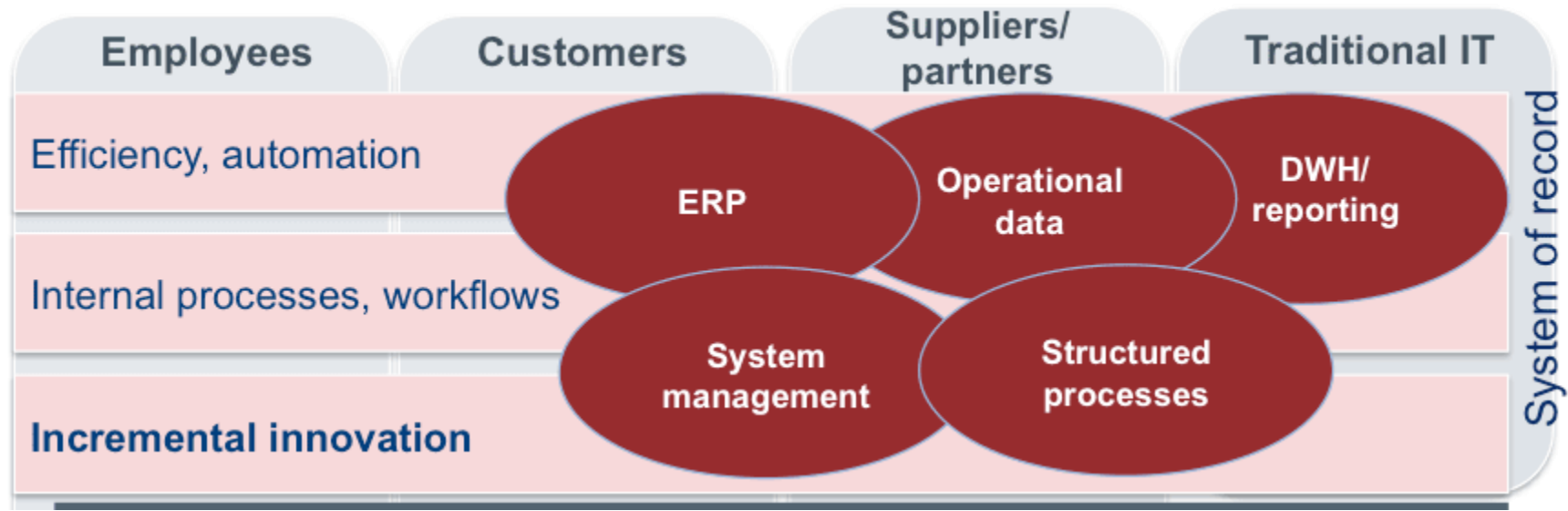


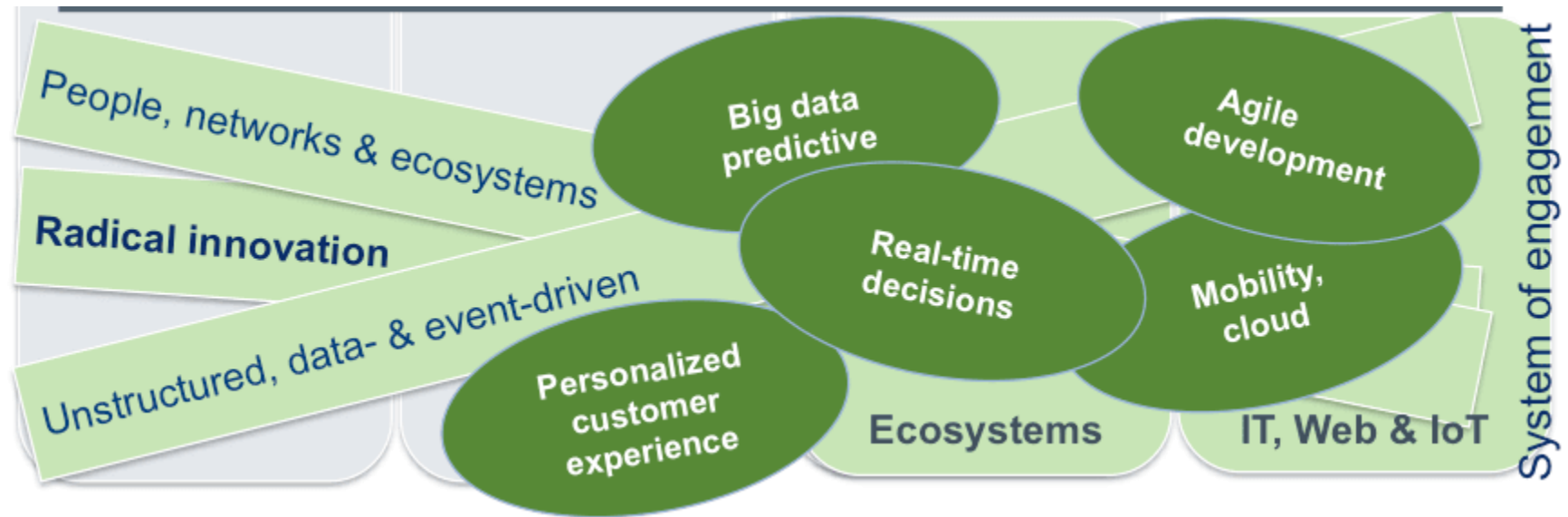
Digitale Inseln



These:

**Traditionelle Ansätze des
Daten-Managements versagen im
Zeitalter „digitaler Müllhalden“ und
Big Data**





k

“ERP systems are able to check stock, assist in planning and management and keep track of back office activities.

But they will need to go beyond this and monitor competitors, use real-time advanced data analytics to suggest new market areas and ways of engaging customers and keep track of the external relationships of an organization.”

“ERP systems are able to check stock, assist in planning and management and keep track of back office activities.

But they will need to go beyond this and monitor competitors, use real-time advanced data analytics to suggest new market areas and ways of engaging customers and keep track of the external relationships of an organization.”

PREDICT to PREVENT

WITH INVESTMENT GENERALLY LIMITED FOR MODERNISING T&D EQUIPMENT, UTILITIES HAVE TO SQUEEZE MORE POWER FROM AGING GRIDS WHILE THE NEED FOR STEADY QUALITY GROWS. MITCH BEEDIE EXPLAINS HOW PREDICTIVE MAINTENANCE CAN HELP SUPPLIERS TO PREVENT PROBLEMS IN TRANSMISSION

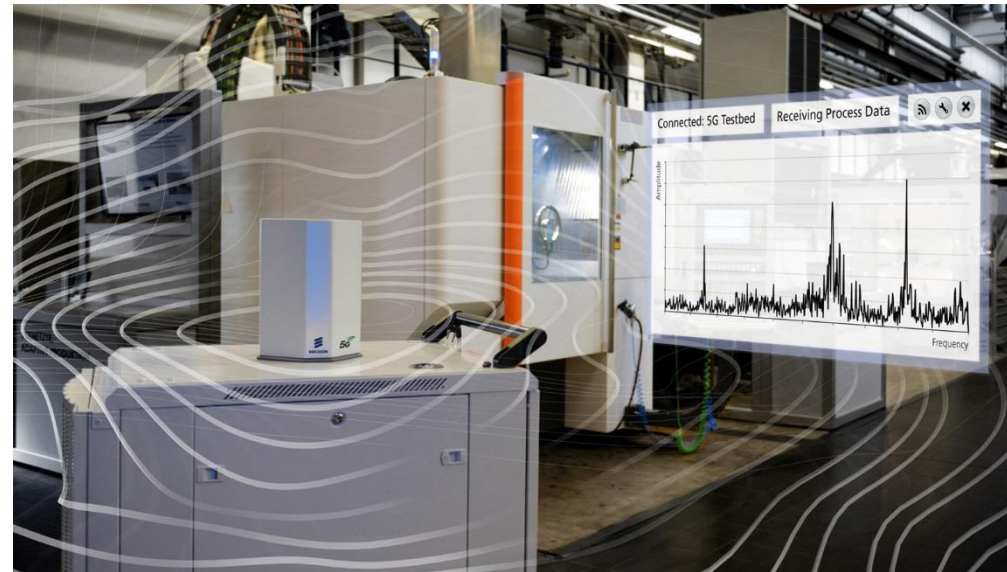


Voraussetzungen!





Prescriptive Analysis

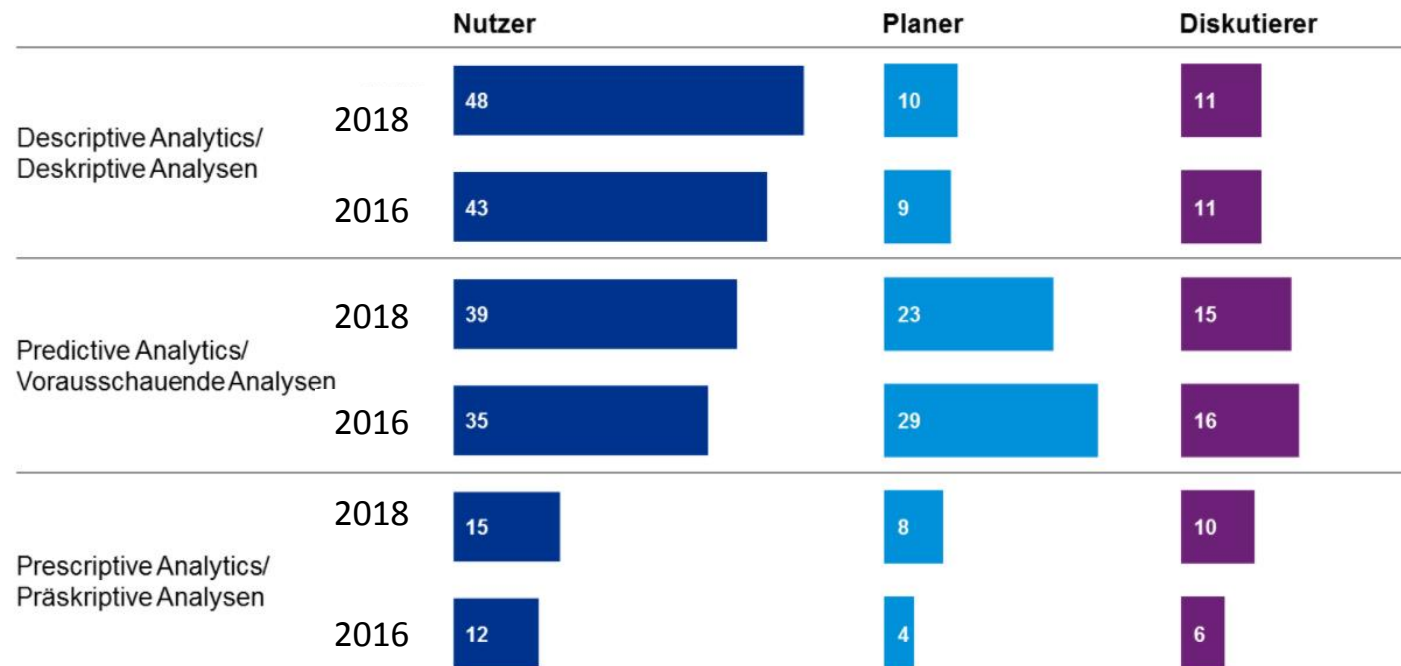


Fraunhofer IPT High
Performance
Networked Adaptive
Production
(Hannover Fair 2018)

Nutzung unterschiedlicher Analysearten

Vorausschauende Analysen werden wichtiger

Welche der folgenden Arten der Datenanalyse nutzt Ihr Unternehmen derzeit bzw. plant oder diskutiert dies?



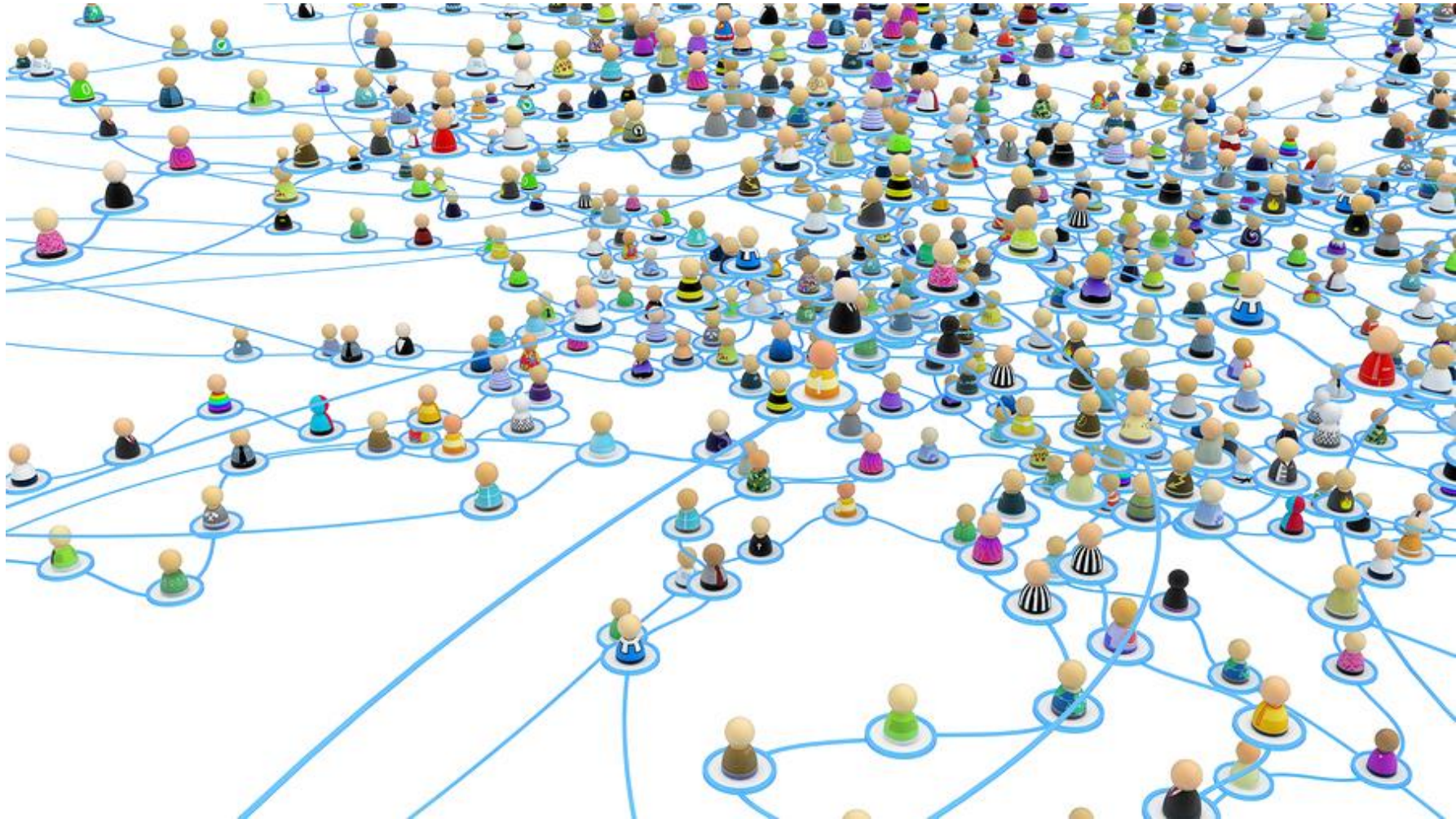
Anm.: Anteil (gewichtet) in Prozent der Unternehmen, n=704/706
Quelle: KPMG, 2016

Was tun?

Komplexität reduzieren!



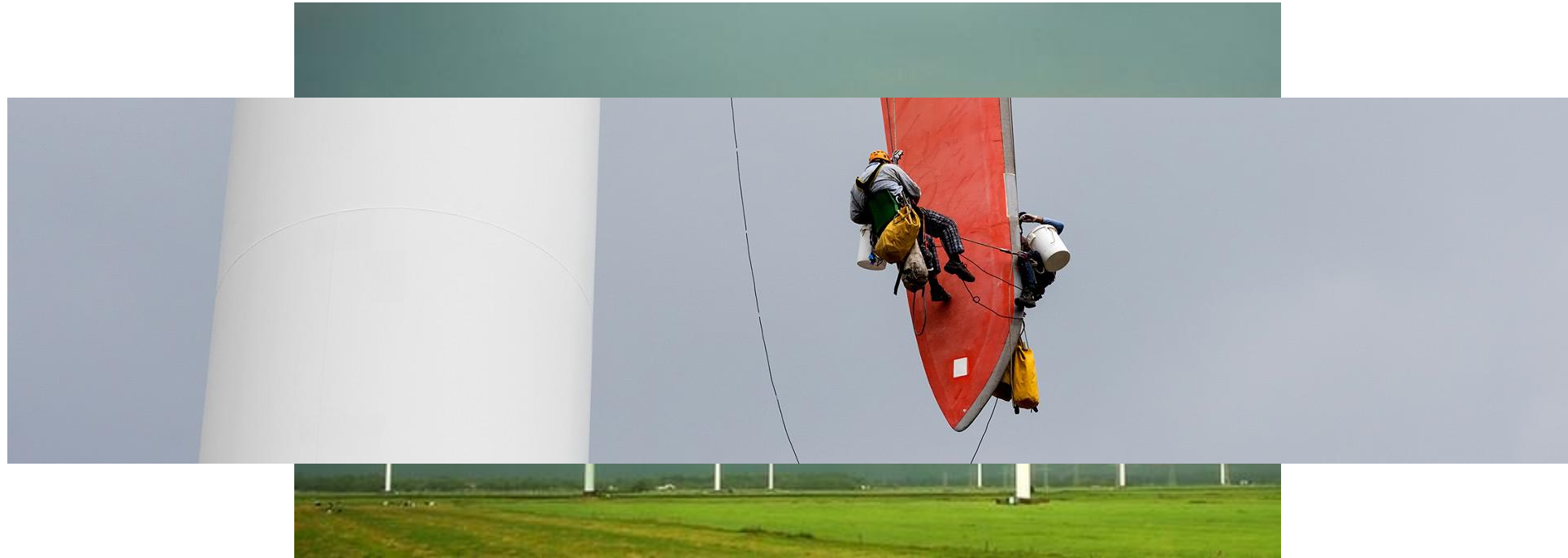
Hierarchien abbauen!



Verborgene Schätze heben!



Die Schätze können Menschen sein!



Lessons learned

- Digitale Transformation annehmen!
- Die Vernetzung zu Ende führen!
- Verborgene Schätze heben!

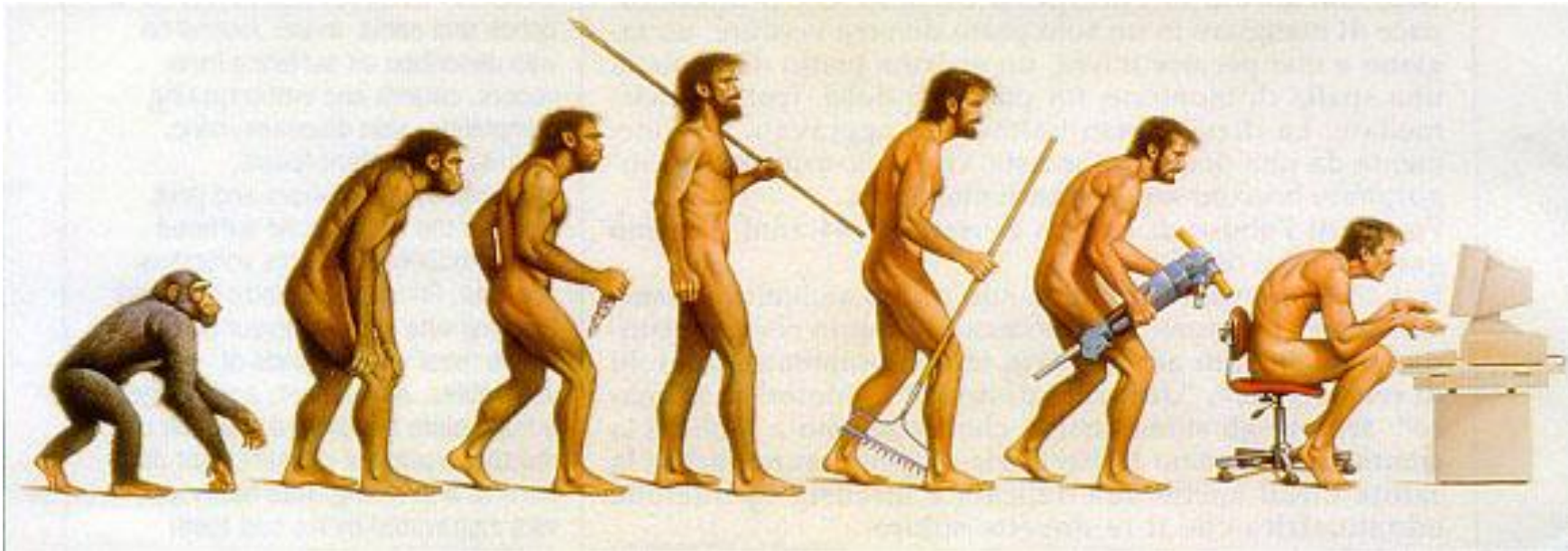
Mutig in die Zukunft blicken!





Sind Sie bereit?

Das Neue ist nicht aufzuhalten



...man kann es nur hinauszögern

**"If you're not part of the
solution you must be
part of the problem."**

- Eldridge Cleaver

Vielen Dank!

Slides: www.cole.de

Mail: tim@cole.de



tc1066



@TCole1066



SuperTimCole