



THE IMPACT OF GDPR ON THE DIGITAL ENTERPRISE

Digital Era 2018 - Latvia, May 25th 2018

Presented by Hany Choueiri

Contents



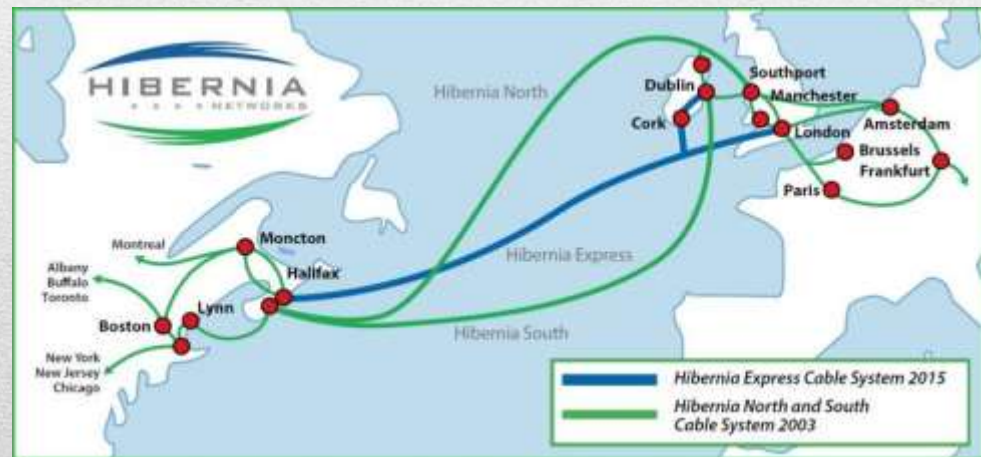
1. Genius!
2. What does a digital era data centric organisation “look & feel” like?
3. Digital Era critical success factor: The need for data standardization



1. GDPR - Pure genius

- 4 years in the making, but well worth it!
- 1st regulation to have overtaken technological advancement
- Sad that we need fines to 'do the right thing'

Q. How long does it take for data to travel from London to New York ?



It takes less than 30 milliseconds for data to travel from London to New York – the human eye blinks in about 300 milliseconds!



1. GDPR - Pure genius

The way I encourage organisations to summarise GDPR;



"A duty to respect and protect personal data regardless of who or where it is being processed."

Organizational culture is the key

ethical, secure, data centric



1. GDPR - Pure genius

Why ethical?



ethical, secure, data centric



The phrase "rights and freedoms" appears no less than 77 times in the GDPR text!



1. GDPR - Pure genius

Why data centric?

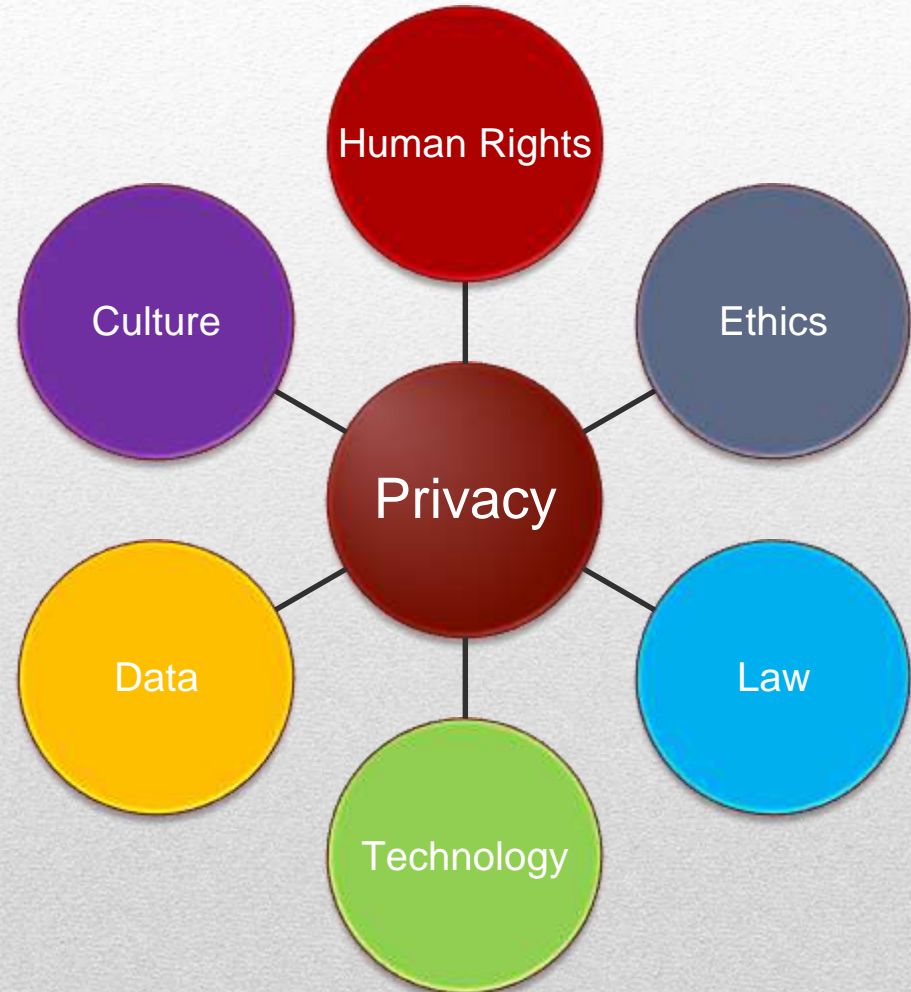


ethical, secure, data centric



1. GDPR - Pure genius

At the intersection of fascinating topics:



1. GDPR - Pure genius

Q. *What has been the biggest impact ?*

*It is the first regulation to have
brought the entire organization closer together
to cooperate on a single piece of regulation!*





2. What does a digital era data centric organisation “look & feel” like?

Q. From what industry does my favorite digital era enterprise come from?



2. What does a digital era data centric organisation “look & feel” like?

A. An old people’s home!



2. What does a digital era data centric organisation “look & feel” like?

A. Treats data as an asset!

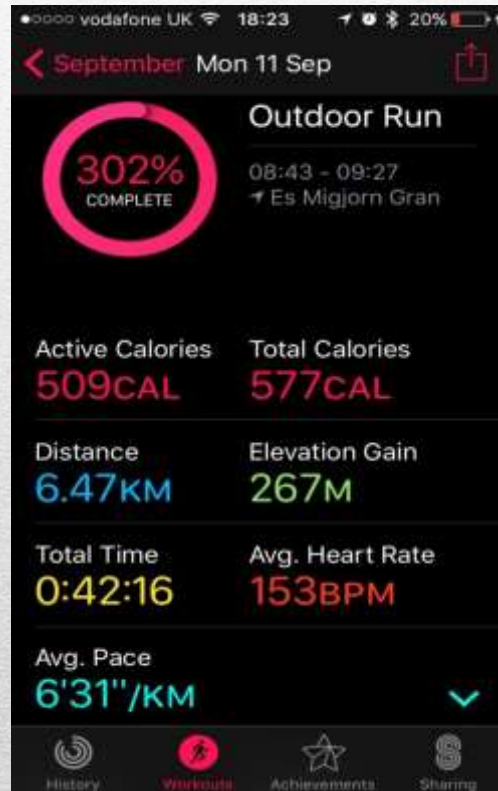


Unique IDs!



2. What does a digital era data centric organisation "look & feel" like?

A. Recognize data opportunities!



After a long swim, would you like an ice cream* ?

[* with my consent]



2. What does a digital era data centric organisation "look & feel" like?



A. Predictive!

Special offers!

[* with my consent]



2. What does a digital era data centric organisation "look & feel" like?

A. Predictive!



I **was** ill

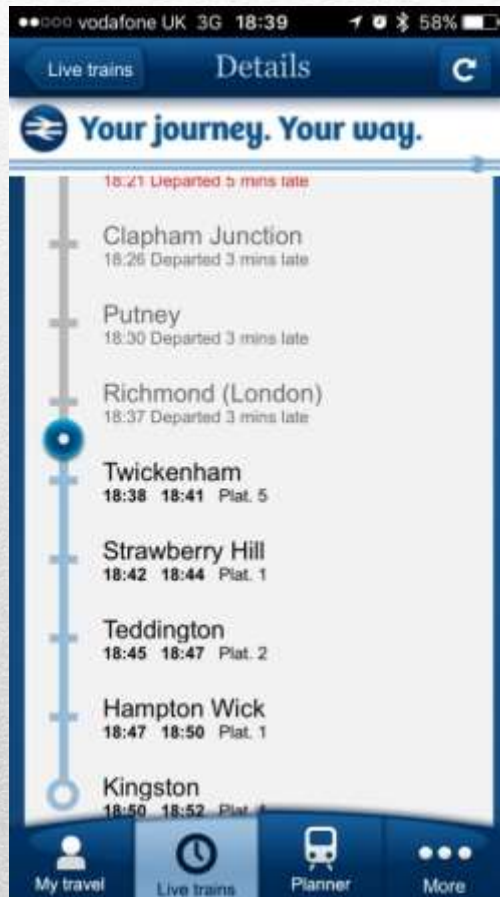
I **felt** ill

1 2



2. What does a digital era data centric organisation “look & feel” like?

A. Open Data!



Opening up data can be the biggest source of innovation

An app developed using train service data

Source: National Rail Inquiries App



3. Digital Era critical success factor: The need for data standardization

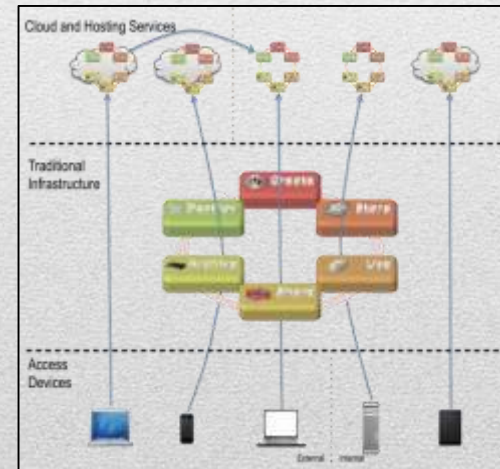
Q. *What's the difference?*

Prescriptive
ISO
Standard!



A Screw

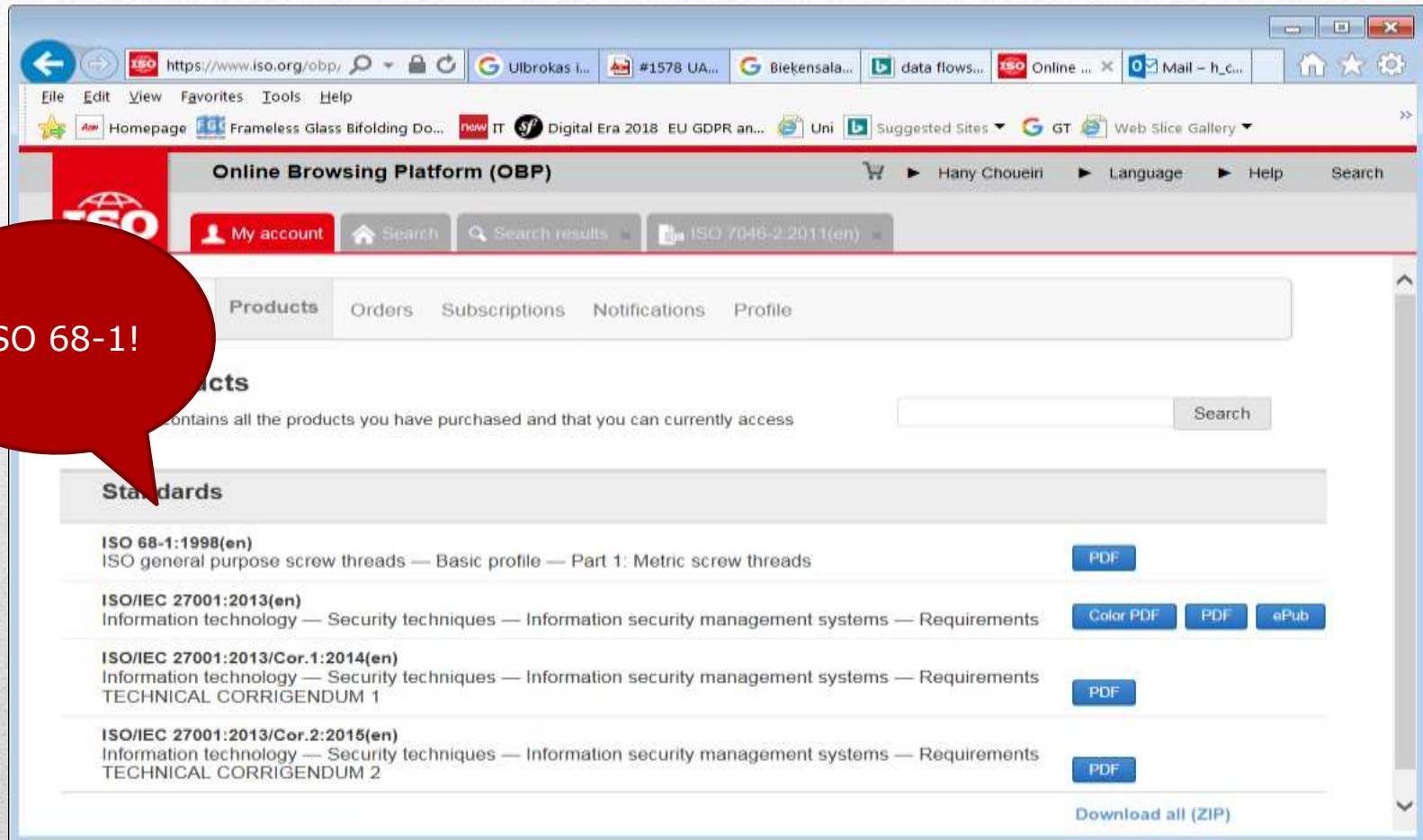
VS



Data



3. Digital Era critical success factor: The need for data standardization



The screenshot shows the ISO Online Browsing Platform (OBP) interface. The browser address bar displays the URL <https://www.iso.org/obp/>. The page title is "Online Browsing Platform (OBP)". The user is logged in as "Hany Choueiri". The search bar contains the text "ISO 7046-2:2011(en)". The main content area is titled "Standards" and lists several ISO standards with download options:

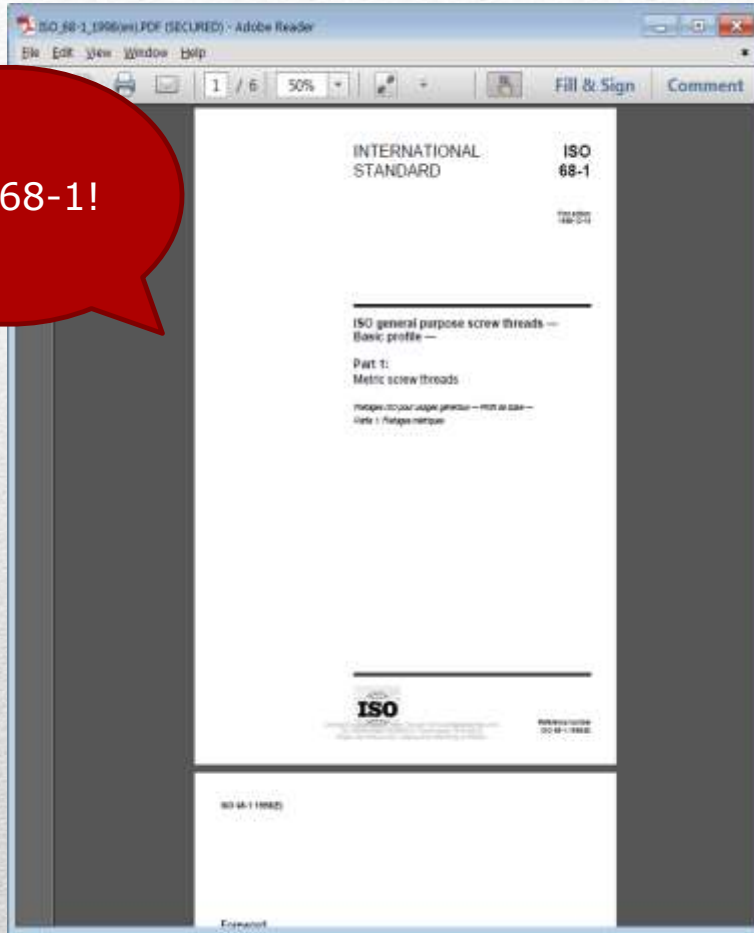
Standard Title	Download Options
ISO 68-1:1998(en) ISO general purpose screw threads — Basic profile — Part 1: Metric screw threads	PDF
ISO/IEC 27001:2013(en) Information technology — Security techniques — Information security management systems — Requirements	Color PDF, PDF, ePub
ISO/IEC 27001:2013/Cor.1:2014(en) Information technology — Security techniques — Information security management systems — Requirements TECHNICAL CORRIGENDUM 1	PDF
ISO/IEC 27001:2013/Cor.2:2015(en) Information technology — Security techniques — Information security management systems — Requirements TECHNICAL CORRIGENDUM 2	PDF

A red speech bubble on the left side of the screenshot contains the text "ISO 68-1!".

Source: iso.org



3. Digital Era critical success factor: The need for data standardization



ISO 68-1!

Even a simple screw has a prescriptive standard!

Source: iso.org





3. Digital Era critical success factor: The need for data standardization

Standard needs to mandate enough metadata to answer the following questions;

1. What type of data am I looking at?
2. Where did it come from?
3. What access rights apply to it?
4. When was it last changed and by whom?
5. What other rules apply to it?



