



### Welcome GDPR!



As many as 80% (n=41/51) of anonymosed healthcare professionals at UHL (University Hospital Limerick (UHL), confirmed that WhatsApp was used as a mode of communication with other colleagues

THE REAL PROPERTY.



- A group of 15 volunteers recruited in 2007 to help dementia sufferers and their families or carers seek NHS healthcare funding.
- Between them, and over a seven-year period, they handled 1,920 cases.
- Volunteers were using personal email addresses to receive and share information storing unencrypted data on their home computers...

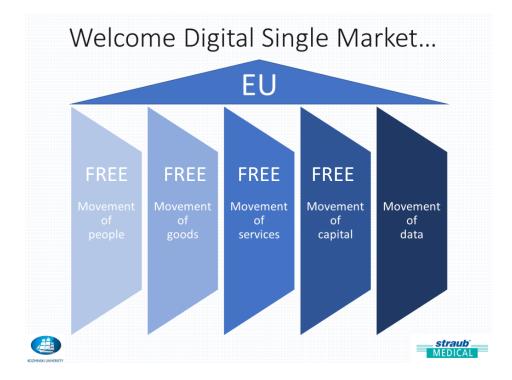


### GDPR unlocks the power of data

https://ico.org.uk/about-the-ico/news-and-events/news-and-blogs/2016/01/ico-criticises-disappointing-attitude-of-dementia-charity/

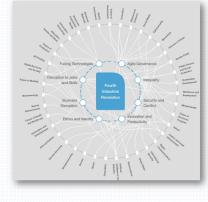
https://innovations.bmj.com/content/3/4/238







## Fourth Industrial Revolution

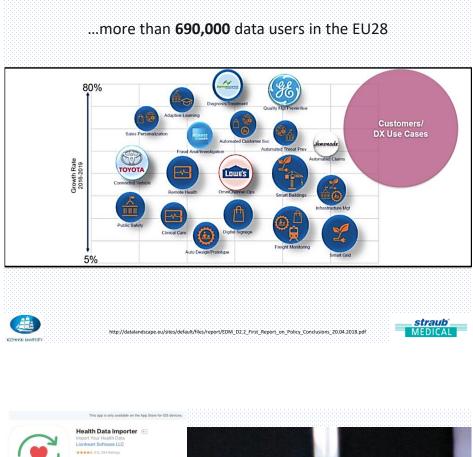


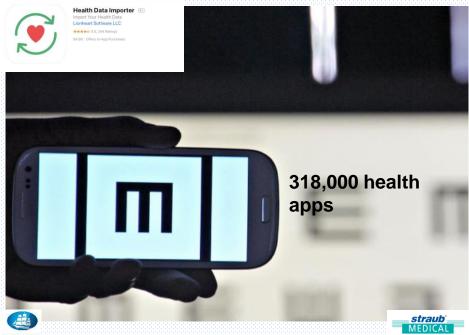
The Fourth Industrial Revolution, by Klaus Schwab:

- fusion of the physical, digital and biological worlds
- exponential increases in computing power
- availability of vast amounts of data



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<ul> <li>NO single stakeholder has access to all available data</li> </ul>								
Type of data	Drug and device companies	Health systems	Clinicians	Insurers	Community organizations	Patient advocacy groups	Consumer health technology companies	Retail pharmacie:
Clinical and family history			٠					
Benefits/medical and Rx claims				٠				
Call center		•		•				
Appeals, grievances, complaints				٠				
Cost of care		•		•				
Real-time monitoring	٠						٠	
Clinical trials and reported incidents	•							
Preferences, expectations						•	٠	•
Motivators, lifestyle, personality, behavior and habits						•	•	•
Caregiver data					•			
Social determinants					٠			
Patient-reported outcomes					٠			
Social media		٠		٠		•	٠	٠
Drug adherence								٠



# GDPR = HARMONISATION+PROTECTION

To improve is to change, to be perfect is to change often.

Winston Churchill





