



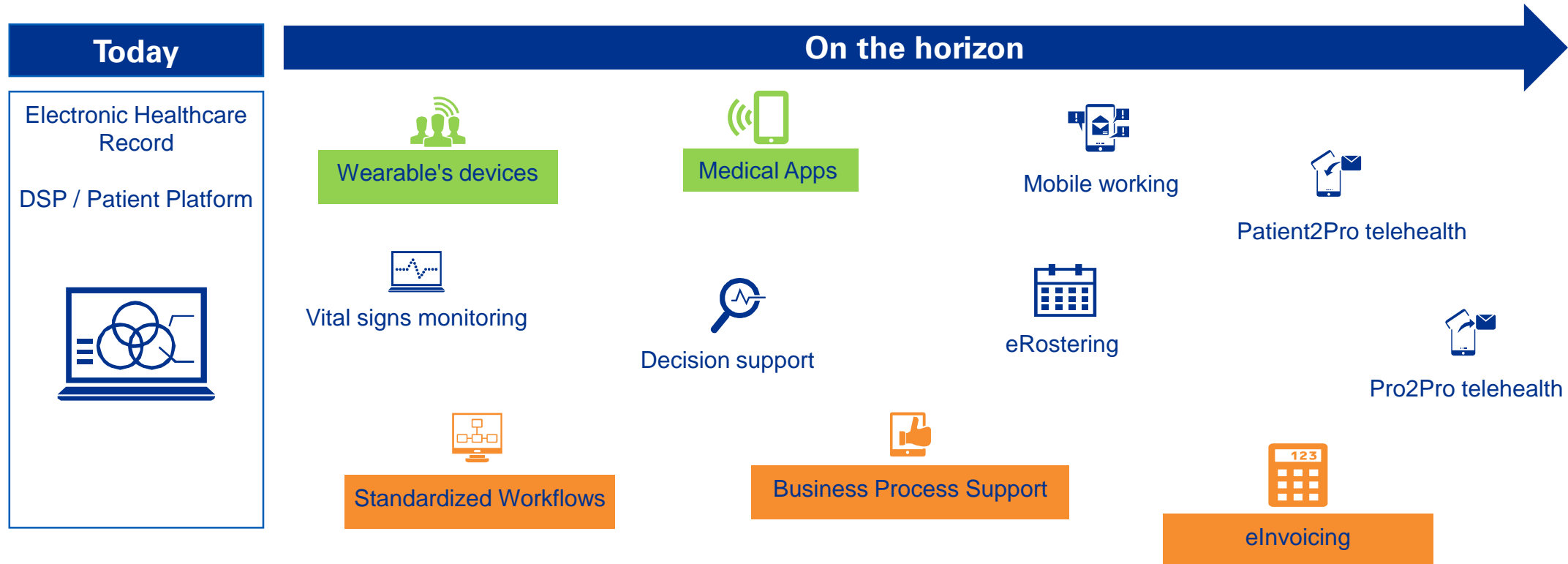
Digital health : Heaven or hell ?

Agenda

1	The digital healthcare landscape
2	The future of healthcare: digital heaven or hell?
3	Seven opportunities to drive digital health
4	What does it imply?
5	Digital health Risk Management: Key Factors
6	To go a step further
7	Contact
8	Thank you

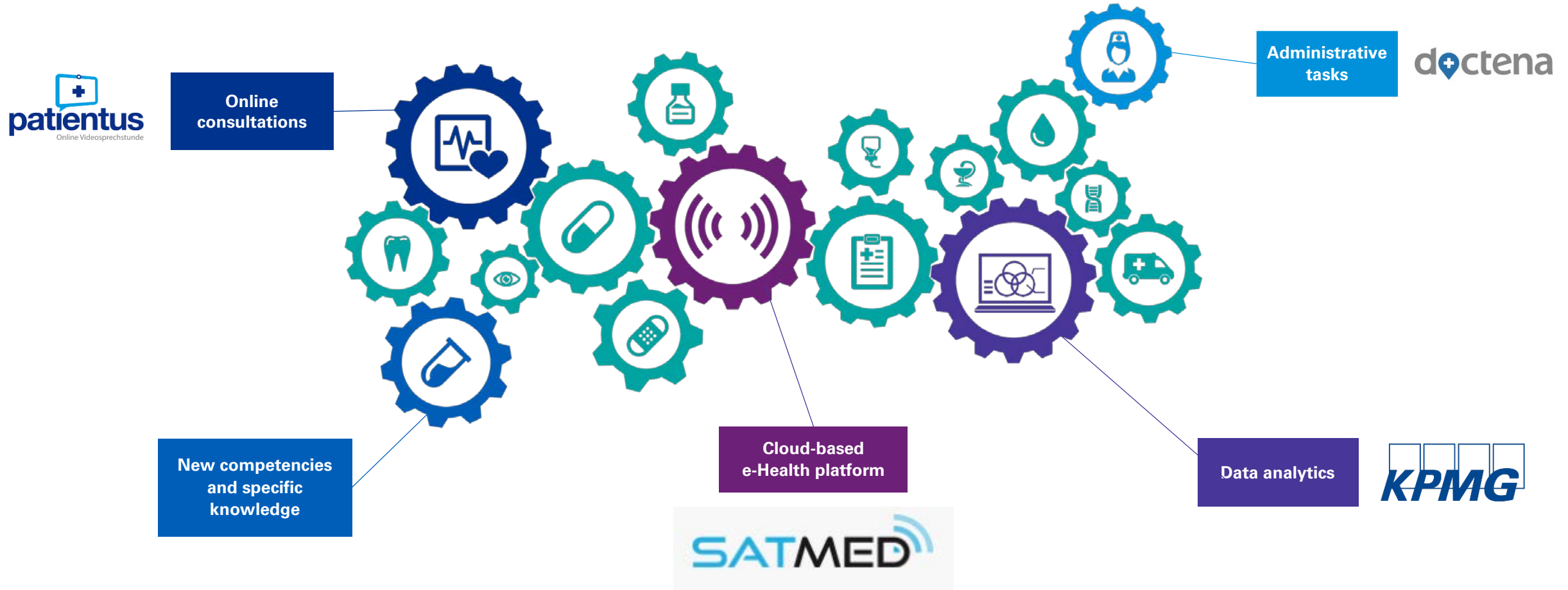
The digital healthcare landscape

Digital technologies are becoming increasingly required into the everyday delivery of healthcare:



→ Improve patient treatment and quality of services

The future of healthcare: digital heaven or hell?



Seven opportunities to drive digital health



Using decision support and **standardized workflows**



Providing more proactive and **targeted care**



Giving easier access to specialist **expertise and advice**



Providing tools for patient **engagement and self-management**



Coordinating care & supporting providers to **collaborate effectively**



Improving **resource management**



Creating **continuous cycles** of learning and improvement



What does it imply?



IT System Interoperability



Data Analytics



Multichannel Healthcare



E-Administration



Mobile Devices and Telemedicine

Patient Care opportunities

Risk exposures for patients, practionners and organizations



Digital health Risk Management: Key Factors



Data Privacy

- Luxembourg regulation (CNPD)
- European regulation (in particular the new European regulation on personal data protection)
- «Privacy Impact Assessment» methodology
- Data Protection Officer dashboard

IT Governance

- Support the Direction as part of large-scale projects
- Risks management and analysis (including Data Privacy Impact Assessment)

Digital health Risk Management: Key Factors



Supporting operations management

- Logical access management
- Physical access management
- Change management
- Project management
- Systems availability (BCP/DRP,...)
- Electronic archiving

Infrastructure Review

- Penetration testing
- Selection of IDS-IPS systems (Intrusion detection system – Intrusion prevention system)
- Network architecture review

Digital health Risk Management: Key Factors



Outsourcing activities

- Development and Maintenance of automated workflows
- Data Protection Officer activities
- Development of Data Analytics
- Risks and Controls framework management (Internal Audit activities)



KPMG named 2016 Global Outsourcing Leader by IAOP

25 April 2016

Cited as top company in all judging categories: Awards & Certifications, CSR Programs, Customer References, Programs for Innovation and Size/Growth.

To go a step further

Please check our brochures online dedicated to the implementation of a successful digital health system on KPMG.lu



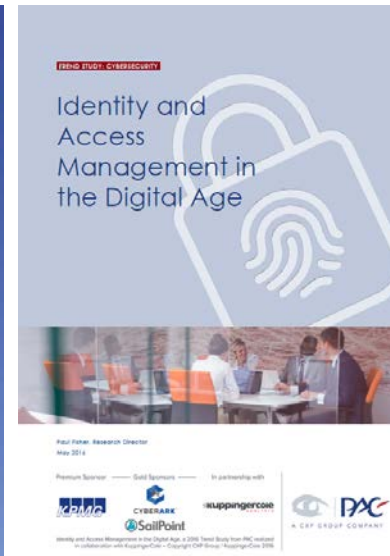
**Healthcare
Cybersecurity**



**Data Protection
GDPR**



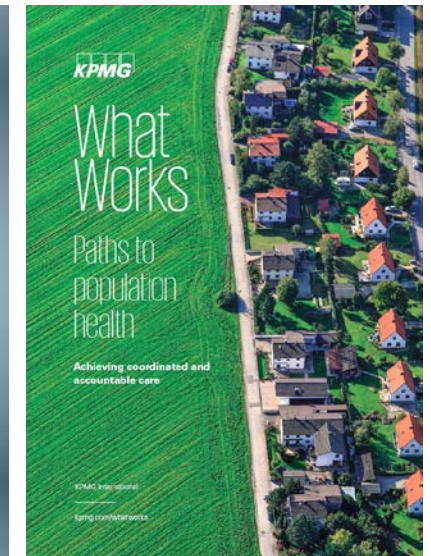
Digital Health



**Identity and
Access
Management**



**Creating value-based
healthcare
organizations**



**Achieving
coordinated and
accountable care**



Contact

We would be pleased to discuss further with you about this conference and about the following topics :



Data Analytics



BYOD
Management



IT Operations
Workflows
Management
KPMG PSF

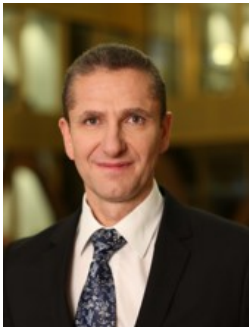


Audit of IT
security



Processes
review and
cost
optimization

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Thank you



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