



**FAHEEN SUBAN**

Chief Technology Officer (CTO)

**REIMAGINE. RETHINK. REBUILD.**

**Data Security in Healthcare**

Foresight 2021



**insight**

**foresight**  
dialogues 2021



**Complacency:** being overly satisfied or comfortable with an existing situation or condition; often while unaware of some potential danger or hazard

**DON'T LET IT HAPPEN TO YOU!**

A large, semi-circular graphic on the left side of the slide. It contains a dark silhouette of an oil pumpjack against a lighter, hazy background. The text is overlaid on this graphic.

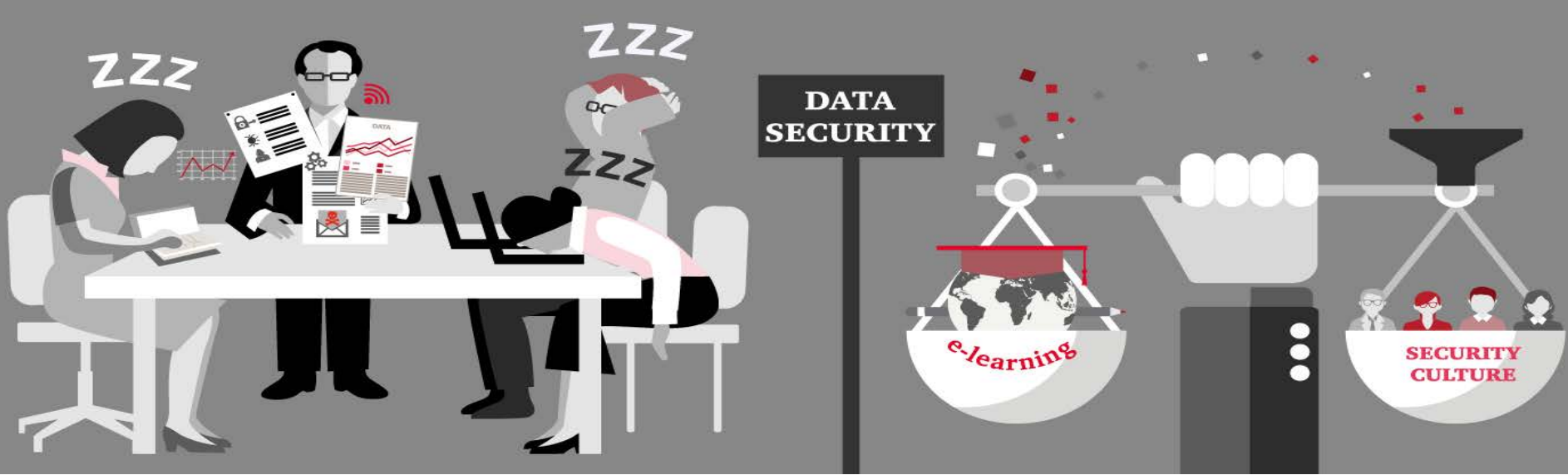
data  
is the new oil

we need to find it,  
extract it, refine it,  
distribute it and  
monetize it.

*David Buckingham*

**Data for  
Good. Data  
for Bad**

# WE need to establish a culture of Data Security





**Remember – if  
you cannot afford  
to protect it; do  
not collect it**

Stop - or  
the data  
gets it

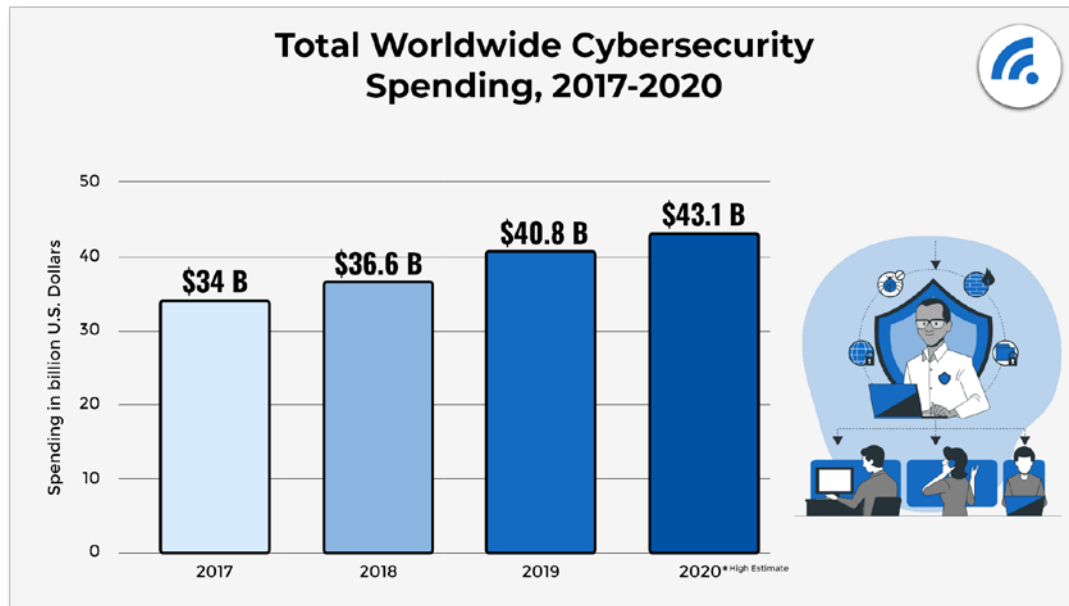




Data for  
Good. Data  
for Bad

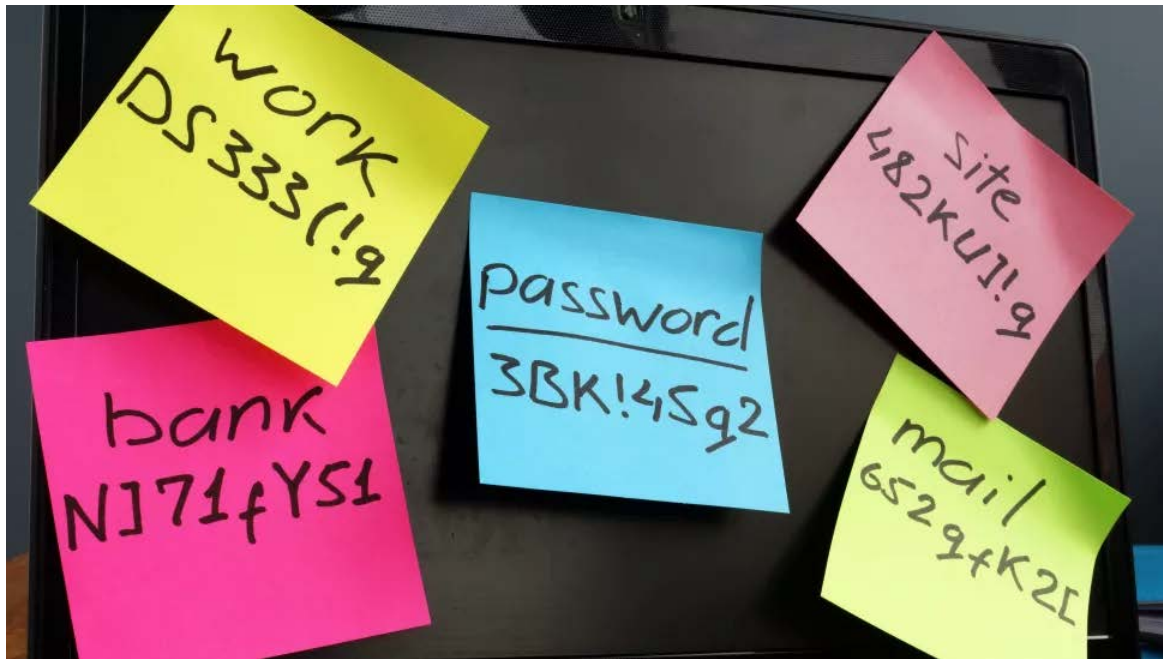


Data Security  
Costs Money



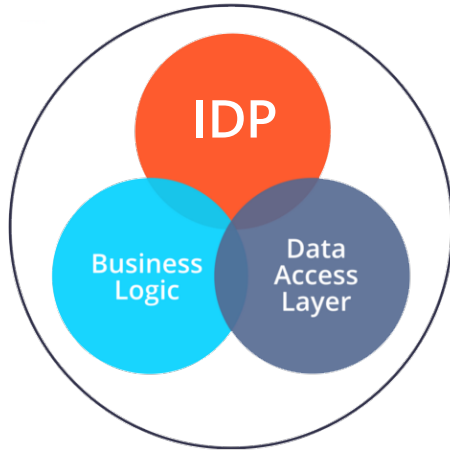


Say  
Goodbye to  
Passwords





## Monolithic Architecture



## Microservices Architecture



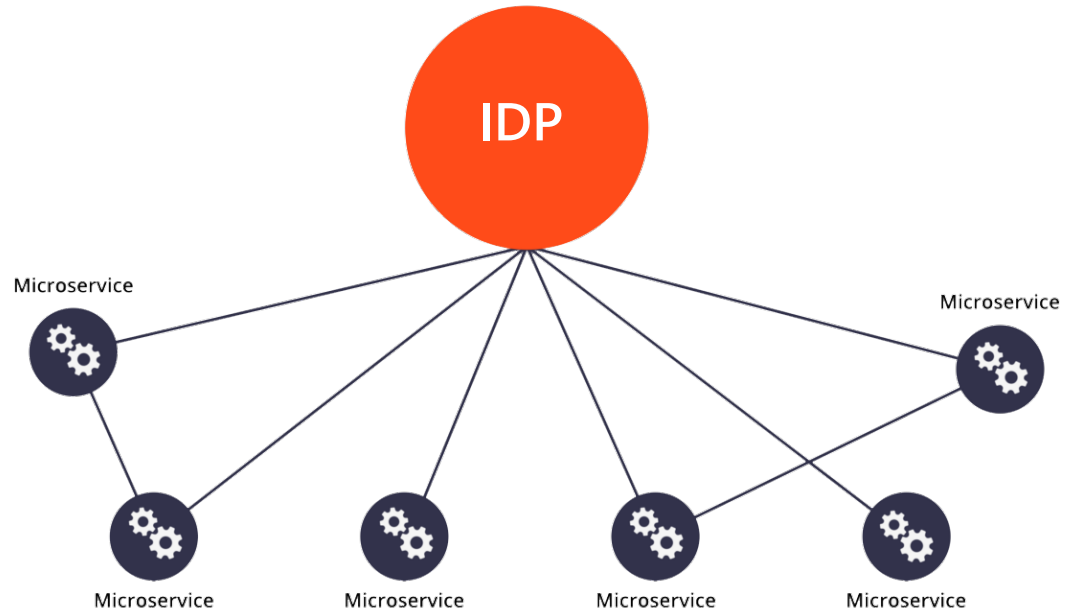


A green brick wall pattern covers the left side of the slide. A dark grey speech bubble with a white border is positioned on the right, containing the title and a list of issues.

# Monolithic Architecture Issues

- Decentralized identity
- Support is getting more complex
- 80 -20 rule. Have to commit to a technology
- High capex, and maintenance

## Microservices Architecture



Monolithic Architecture



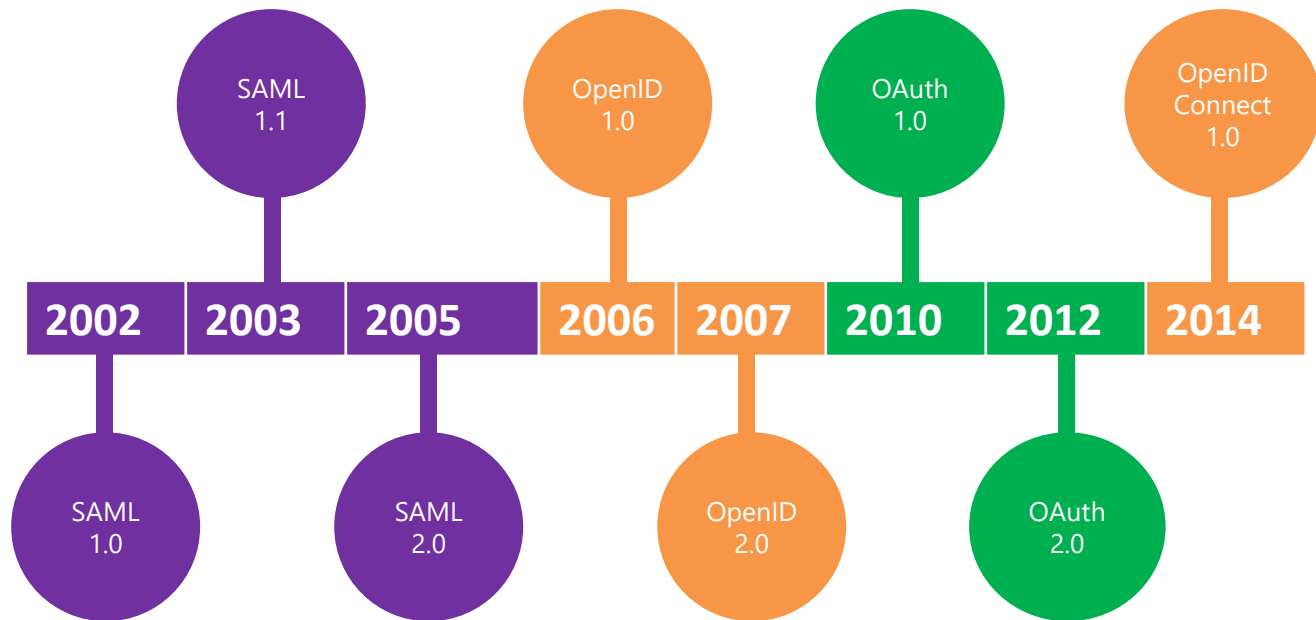
A green brick wall pattern covers the left side of the slide. A dark grey speech bubble with a white border points from the wall towards the right.

## **Why choose Microservices?**

- Provides IT with flexibility
- Centralized identity
- Per user per month pricing model
- Scalable
- Eliminates commitment to any technology stack
- Improved fault isolation



# Centralized Identity



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# ISO 27001 Certification

- A risk based framework
- Protection of core assets
- Identifying threats and vulnerabilities
- Putting in place the needed controls
- Client assurance that their data is safe with us



## Certificate Profile

### Information Security Management System - ISO/IEC 27001:2013

Insight Actuaries and Consultants

(PTY) Ltd

Block J Central

Ground Floor, 100 16th Road

Central Park

Midrand

1686

South Africa

<b>Certificate number</b>	IS 737661
<b>Scope</b>	The provision of consulting, data management, business intelligence and analytics capabilities that assist clients in managing risks and developing opportunities according to the SOA dated 26 April 2021.

Original Registration Date	Effective Date	Latest Revision Date	Expiry Date
08/07/2021	08/07/2021	08/07/2021	07/07/2024





**THANK YOU.**

