



# *Digital Transformation and Security - The Post COVID Leadership Challenge*

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*Welcome*



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**HIMSS** CENTRAL & SOUTHERN OHIO CHAPTER



*When the dust  
finally settles from  
2020 what will we  
have learned?*



*A lot more  
about  
pandemic  
disease  
control and  
improved  
public  
health*





*....And how  
to better  
care for  
highly  
contagious  
patients*





*We'll learn to question and verify the data we are provided before making assumptions*

*And we will never know just how many people really died from the SARS-CoV-2 virus globally, or in China*



*Looking back on*

2020

*What will have have learned?*

*In 2020 Healthcare has undergone the most dramatic transformation in its history, with the possible exception of the use of antibiotics*



*Sir Alexander Fleming*

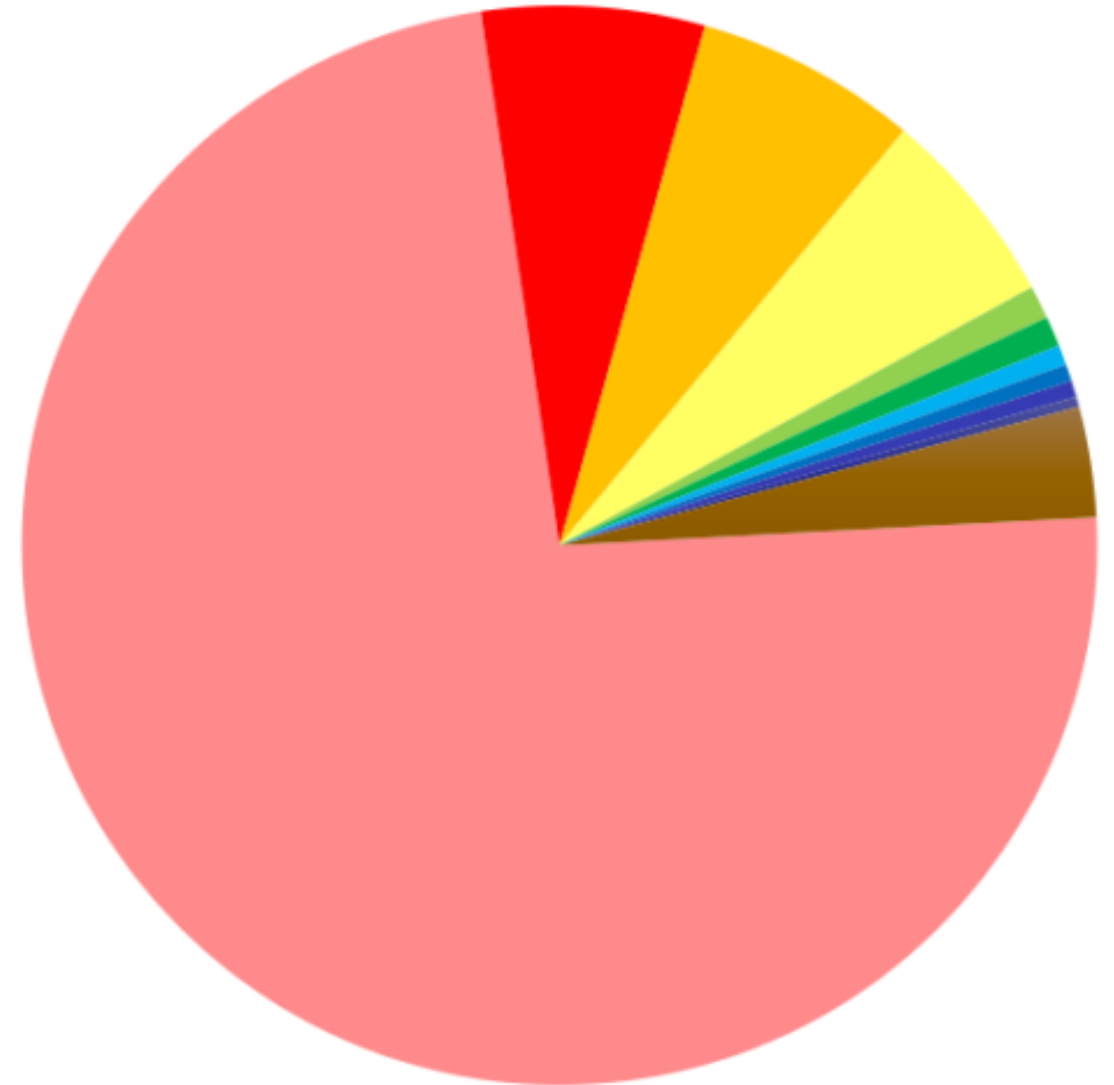





*And Telehealth has changed healthcare delivery forever*

*BUT - Who is leading our digital transformation / telehealth project?*

- *CMIO*
- *CIO / CISO*
- *CEO*
- *COVID*





A futuristic robot head with a human-like face, set against a vibrant, colorful nebula background. The robot's head is white and metallic, with a large, circular, lens-like structure on the left side. The background is a mix of blue, green, and orange, with bright light sources and star-like patterns.

*We are undoubtedly in the midst of a massive digital transformation of healthcare employing AI, ML and a massive number of medical devices and other Healthcare IoT systems.*

*Today, we rely more upon technology than upon doctors and nursing staff*



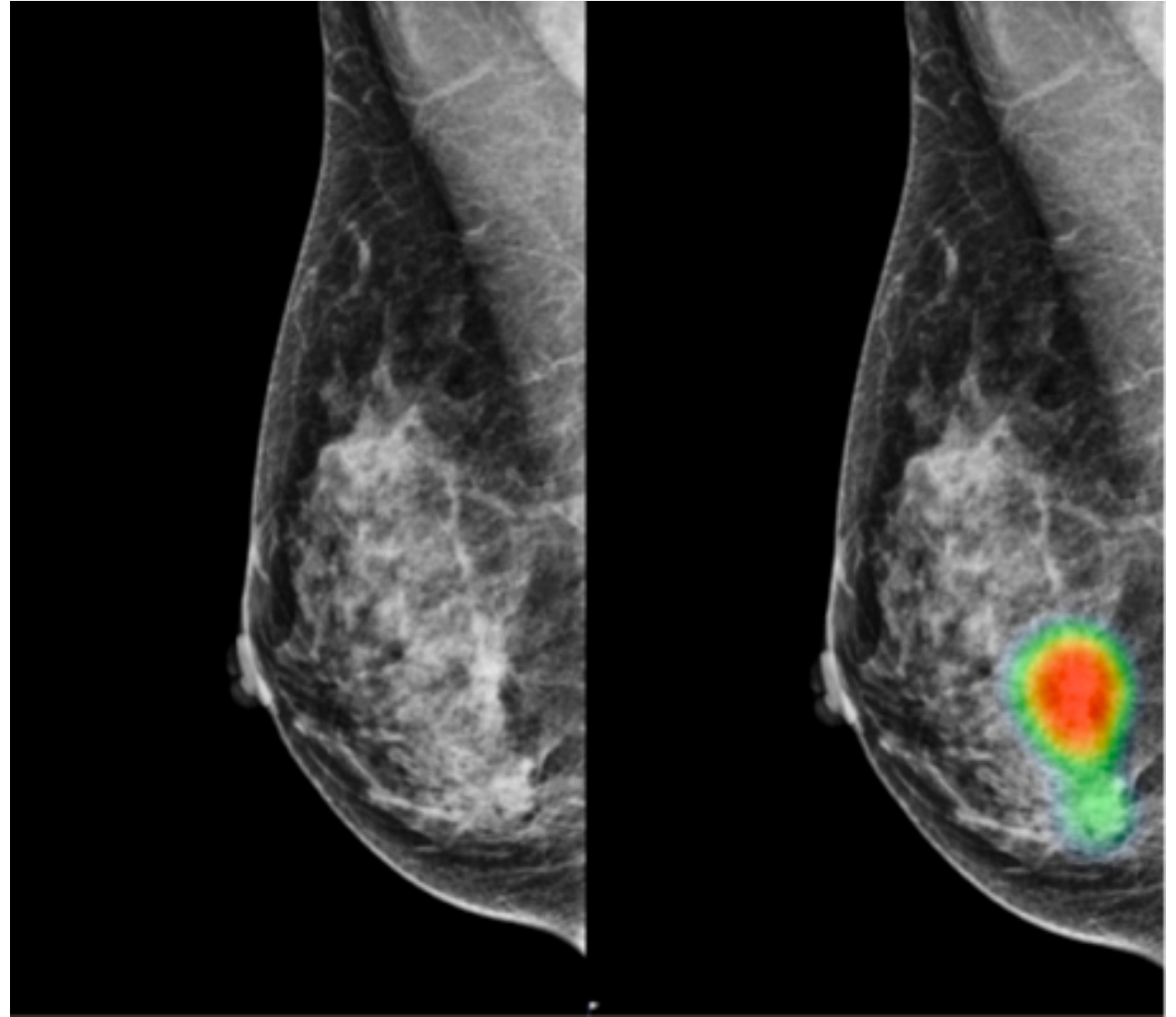


*There has been an explosion of Medical Devices*



*AI is helping to improve  
early diagnosis and patient  
outcomes across medical  
imaging*

*AI is also helping to detect  
early indicators of  
compromise leading to  
cyber attacks*



*In future we'll measure cyberattacks in morbidity  
and mortality*





# *Across healthcare, Digital Maturity outpaces Security Maturity*

*And this causes problems for:*

A blurred hospital hallway scene. In the foreground, a person in blue scrubs is pushing a gurney. In the background, another person in light blue scrubs is visible. An "EXIT" sign is mounted on the wall above a doorway. A framed picture hangs on the right wall. The overall image has a motion blur effect, suggesting a busy, fast-paced environment.

# Patient Safety

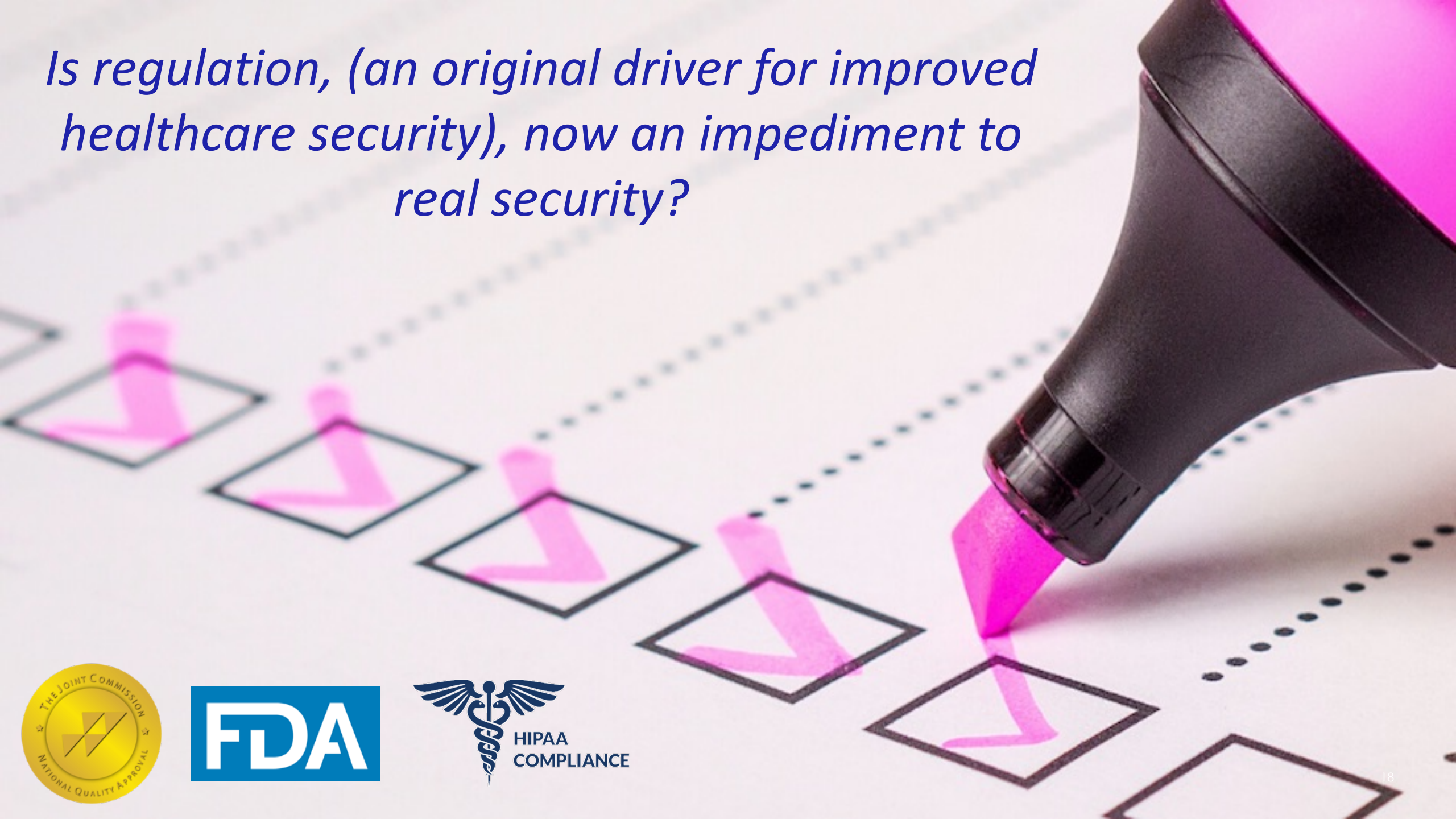


*Healthcare has been transformed massively in 2020*

*....But it wasn't hospital management that brought these changes about - it was COVID and the need to adapt quickly to changing circumstances.*

*What does that tell us about the effectiveness of our management practices?*

*Is regulation, (an original driver for improved healthcare security), now an impediment to real security?*



*Clinicians, IT, Security, CEOs, Boards  
& Regulators  
ALL NEED TO SPEAK THE SAME  
LANGUAGE*







*Just like new office blocks when most staff plan to work from home, the construction of new bricks and mortar clinics and hospitals maybe a good example of mis-placed priorities.*

*Patients want convenience and better service – and that means telehealth, telemedicine, wearables, and apps for everything*

*Would any of us make an appointment for a Jiffy Lube oil change then wait 4 hours for our car to be seen? We would drive off and go to a different garage.*



*Patients are like any other consumer*

*The old days are gone,  
dead and buried.*

*We need to welcome in  
the new reality*

*But we need to SECURE  
our new digital reality*



*Ebenezer Scrooge*

*The days Charles Dickens described are now ancient history, and so too is a  
19<sup>th</sup> & 20<sup>th</sup> century health system model*



# Thank You



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