



What is Digital Transformation



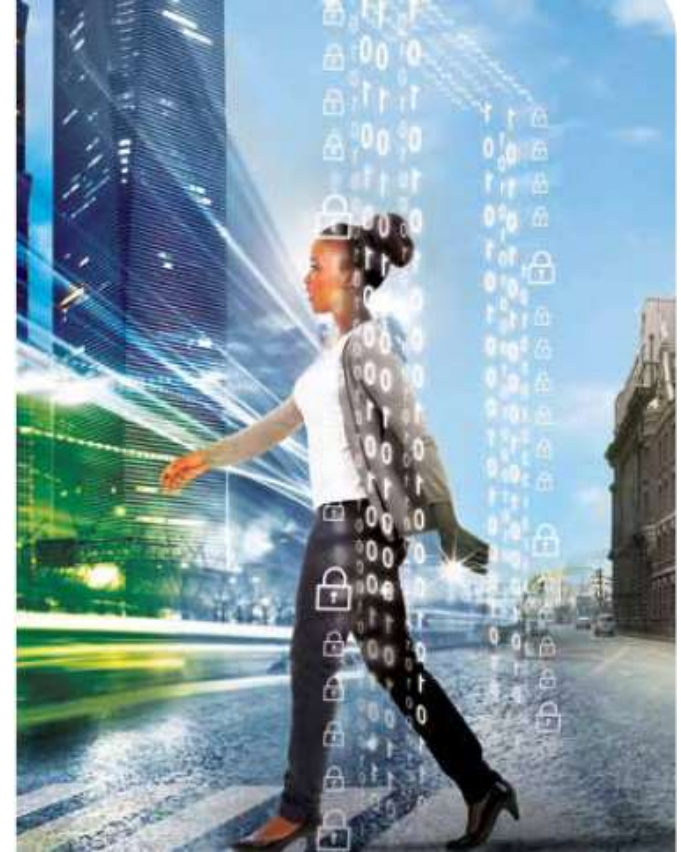
What is Digital Transformation ?

The coupling of granular, real-time data (e.g., smartphones, connected devices, smart appliances, wearables, mobile commerce, video surveillance) with modern technologies (e.g., cloud native apps, big data architectures, hyper-converged technologies, artificial intelligence, blockchain) to enhance products, processes, and business-decision making with customer, product and operational insights.

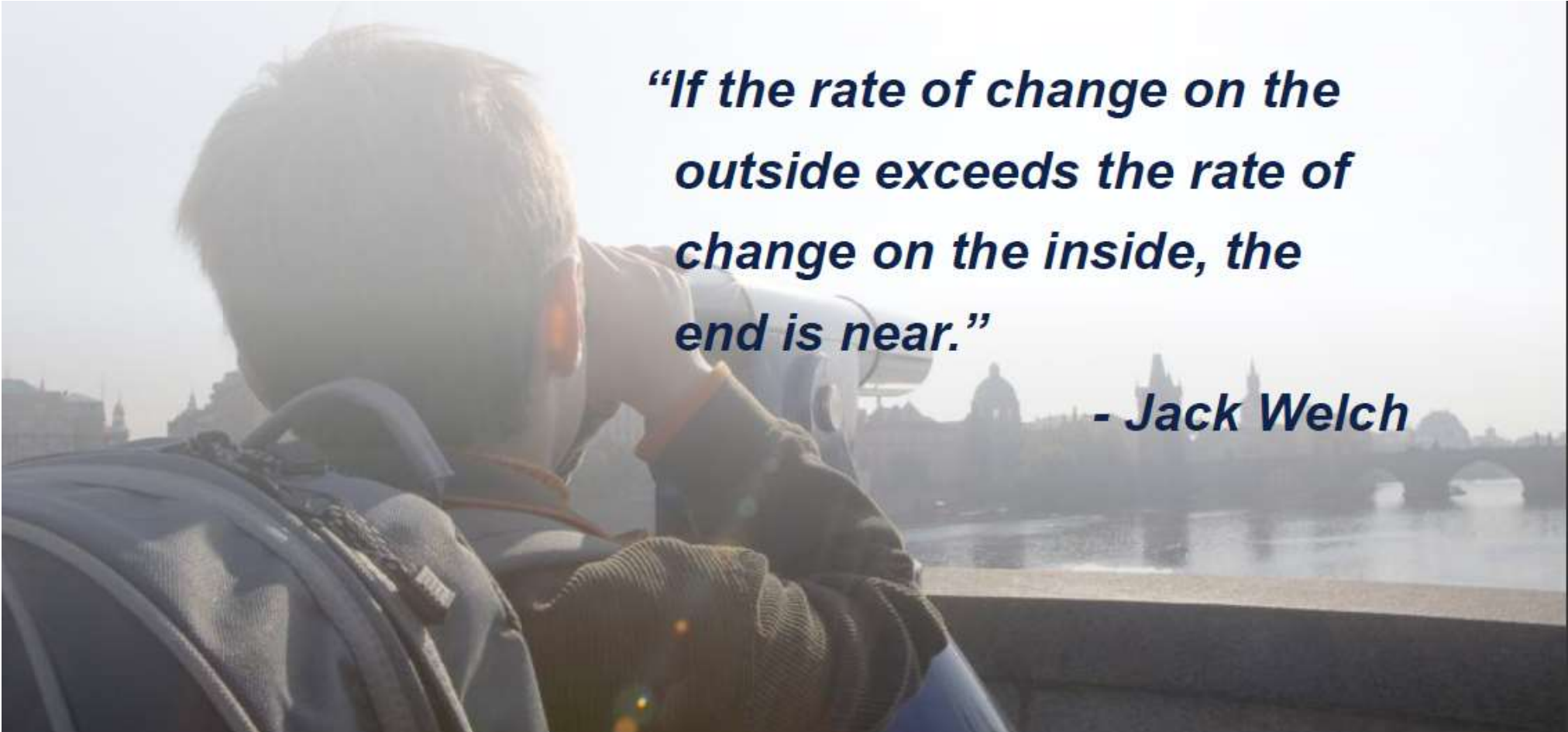


What is Digital Transformation ?

Digital Transformation is application of digital capabilities to processes, products, and assets to improve efficiency, enhance customer value, manage risk, and uncover new monetization opportunities



Why do we Need DX ?

A person is seen from the back, looking through binoculars. They are wearing a dark jacket and a backpack. In the background, there is a river, a bridge, and a cityscape with domes and spires under a hazy sky.

“If the rate of change on the outside exceeds the rate of change on the inside, the end is near.”

- Jack Welch

Building Blocks of Digital Transformation

Business model

Customer
experience

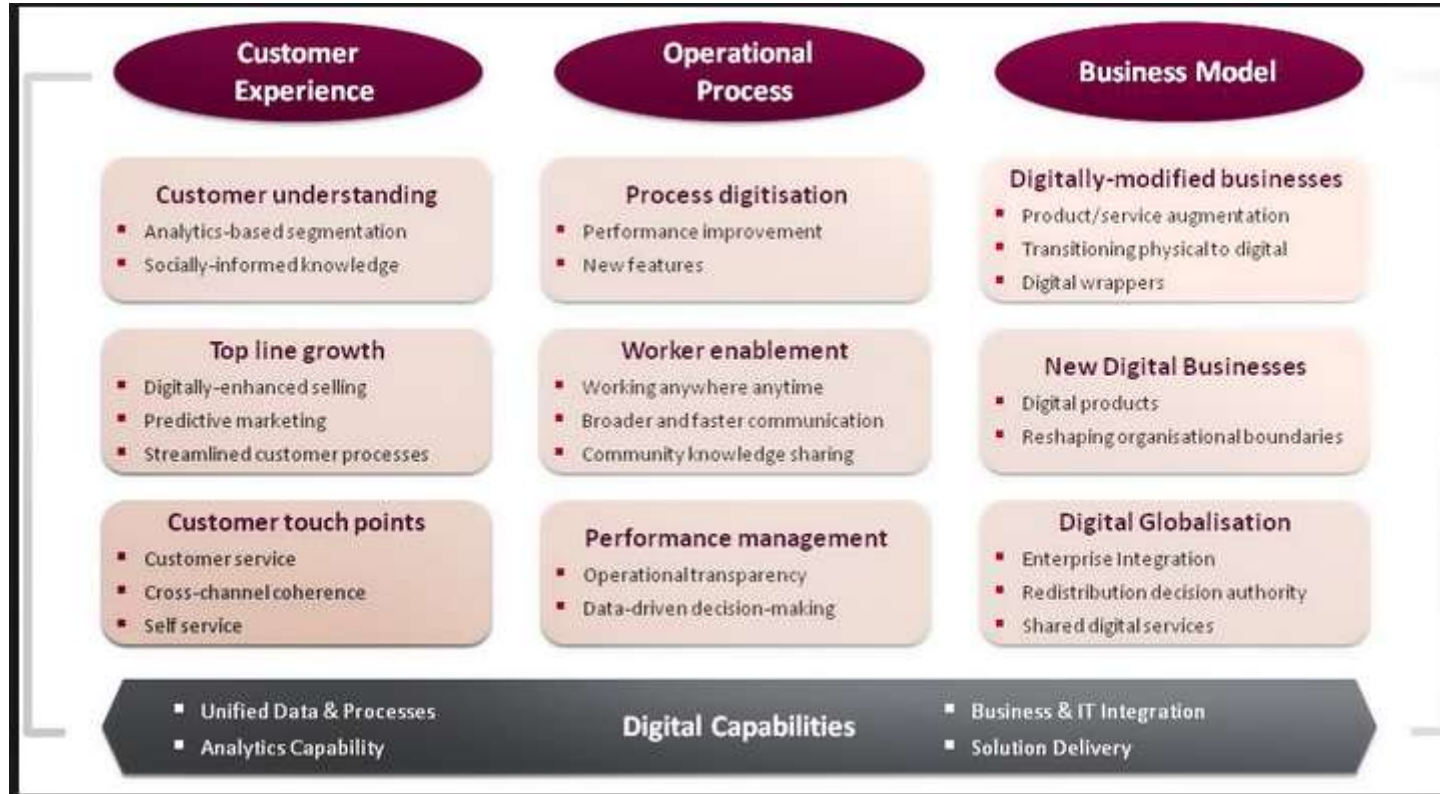
Operational process

Digital capabilities



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National Cyber Safety and
Security Standards

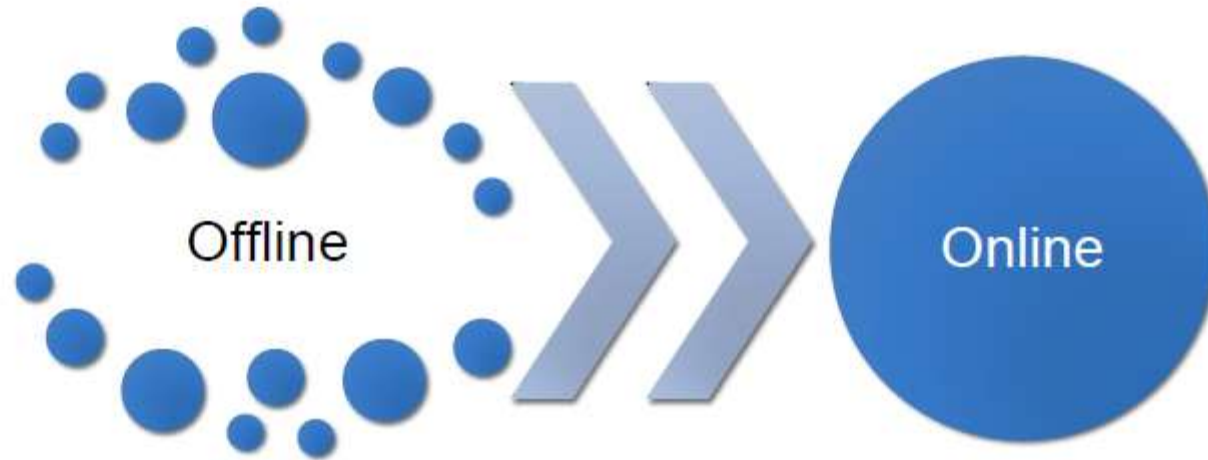
D X Frameworks Review - Capgemini



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Business Model Transformation



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Operational
Process
Transformation

- Internal data-driven
- Internal analytics
- Better productivity management
- Collaborative workspace

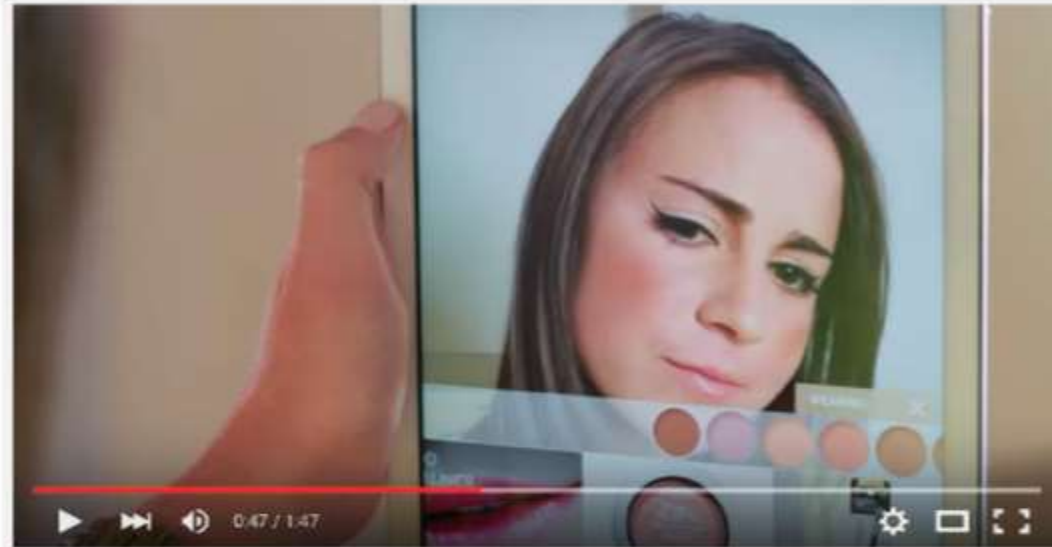


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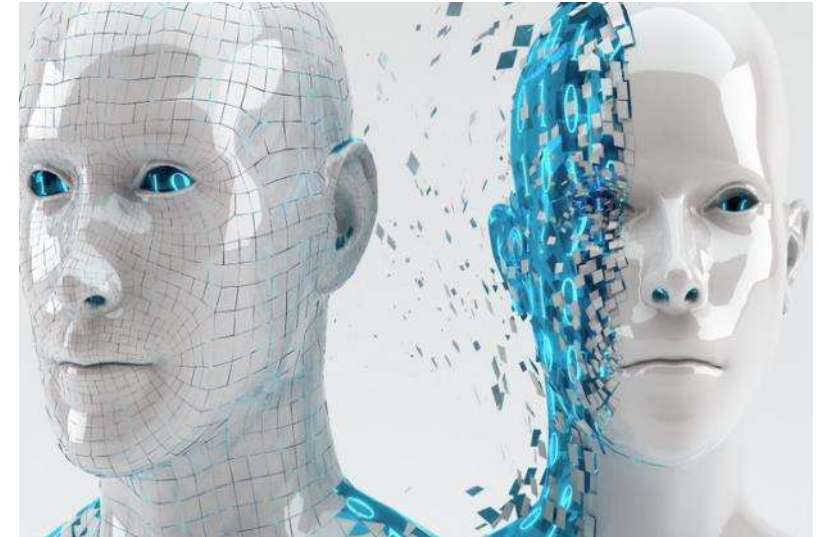
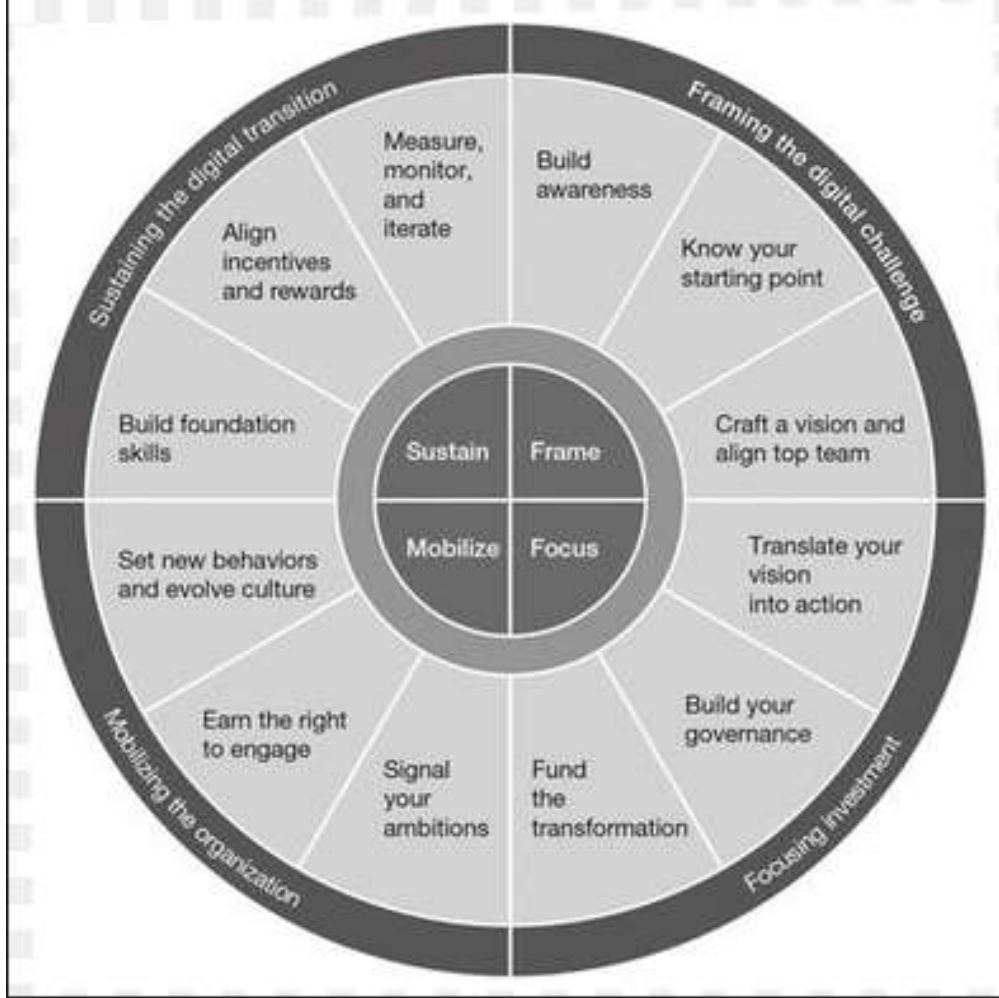
Customer
experience
transformation

L'Oréal Case
Study



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D X Frameworks Review – MIT



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D X Frameworks Review - Mckinsey



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DX Critical Principles

Simplification

Automation

Security

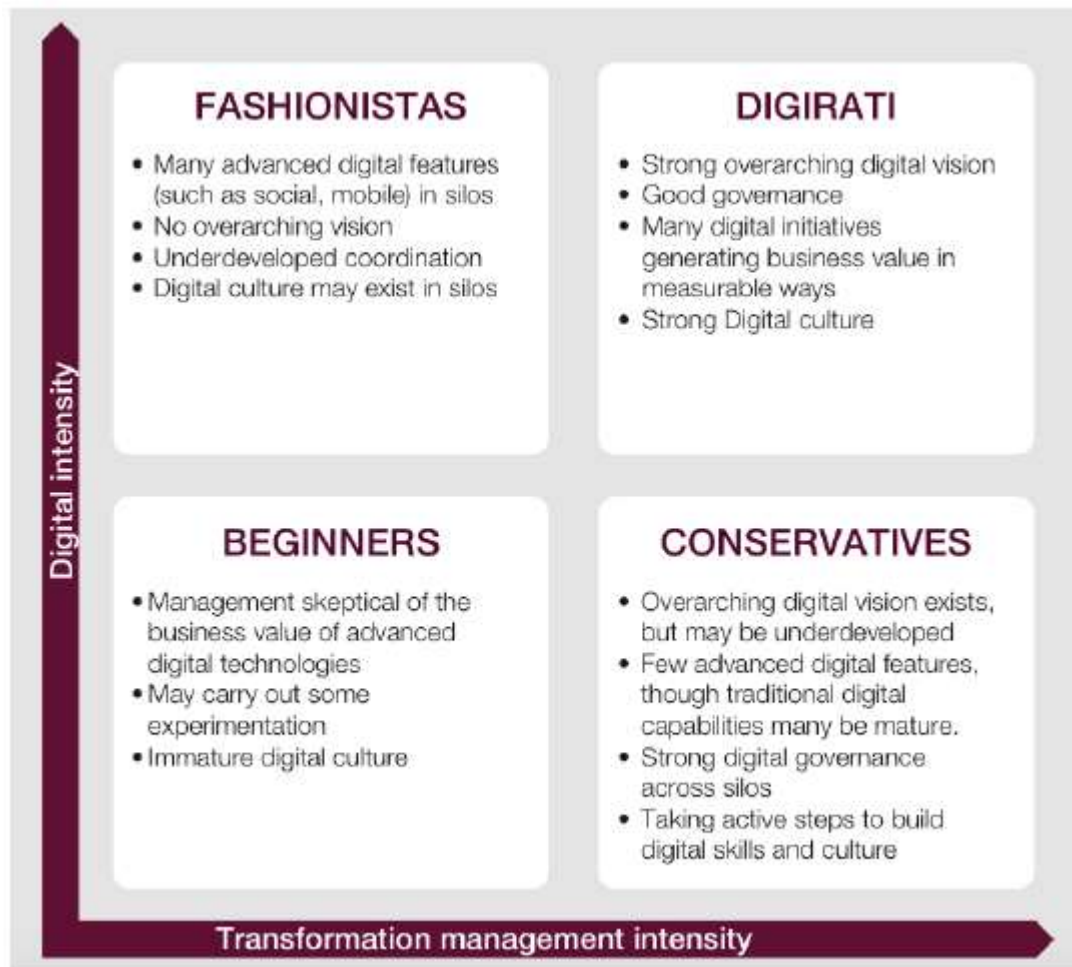
Analytics

Continuous
Innovation



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D X Maturity Matrix



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DX Challenges



Anything that is connected to the Internet can be hack able











- Everything is being connected to the Internet.













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DX Challenges: No country is immune from cybercrime

Countries where the most attacks originated

United States		589,180
Japan		119,578
China		86,237
Canada		29,319
United Arab Emirates		25,055
Germany		23,478
India		16,058
United Kingdom		15,800
Italy		14,780
Australia		11,125

Countries where the most attacks took place

United States		1,456,577
Japan		407,644
Singapore		88,819
China		86,824
Canada		71,585
Australia		42,783
Italy		37,404
United Kingdom		32,991
Germany		23,787
Netherlands		17,905



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DX Challenges



New Customer
Experience



New Business
Models



Security
Everywhere

Value Reimagined | Work Reimagined

D X Challenges

Cyber crime: average company loss in selected countries 2016



Average costs of cyber crime in selected countries as of August 2016
(in million U.S. dollars)



Evolution average costs US
(in million U.S. dollars)



Information loss: almost 40% of the damage.
Information governance reduces losses by \$1 million annually

Average annual losses to companies worldwide exceed \$9.5 million

Source: Ponemon Institute - HP Enterprise Security (August 2016)

<http://www8.hp.com/us/en/software-solutions/ponemon-cyber-security-report/>
<https://www.hpe.com/h20195/V2/getpdf.aspx/4AA6-7930ENW.pdf>



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D X - Challenges

Rate of
Change

24x7
Digital Life

Digital
Fraud
Detection
Complexity

Lack of
Social
Impact
Assessment



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DX – CISO Role



DX - CISO Role

Security
Evangelist

Secure
Digital
Change
Catalyst

DX Change
Resistance
Arbitrator

Secure DX
change
Sustainer



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D X - CISO Role



The diagram illustrates the CISO Role through five interconnected components. A central orange oval labeled 'Enterprise CISO DNA' is surrounded by four other ovals: a blue one at the top-left ('Cyber Risk Assessor'), a dark red one at the top-right ('Cyber Safety Promoter'), a red one at the bottom-right ('Cyber Accountability'), and an orange one at the bottom-left ('Cyber Culture Transformation').

Cyber Risk
Assessor

Cyber
Safety
Promoter

Enterprise
CISO DNA

Cyber
Culture
Transformation

Cyber
Accountabil
ity

Top 5 Questions CISO Needs to Ask

01

How do I convince Stake holders for Cyber security

02

How Do I minimize Cyber security Road Blocks in DX journey

03

How Do I adopt best vertical agile DX security frame works

04

How do I evolve & sustain DX Security Risk Detection & Mitigation Capabilities on 24x7 Basis

05

How Do I Reduce Social , Cultural Impact of DX Security Change

D X - Theory of PPP Imbalance

People

legality

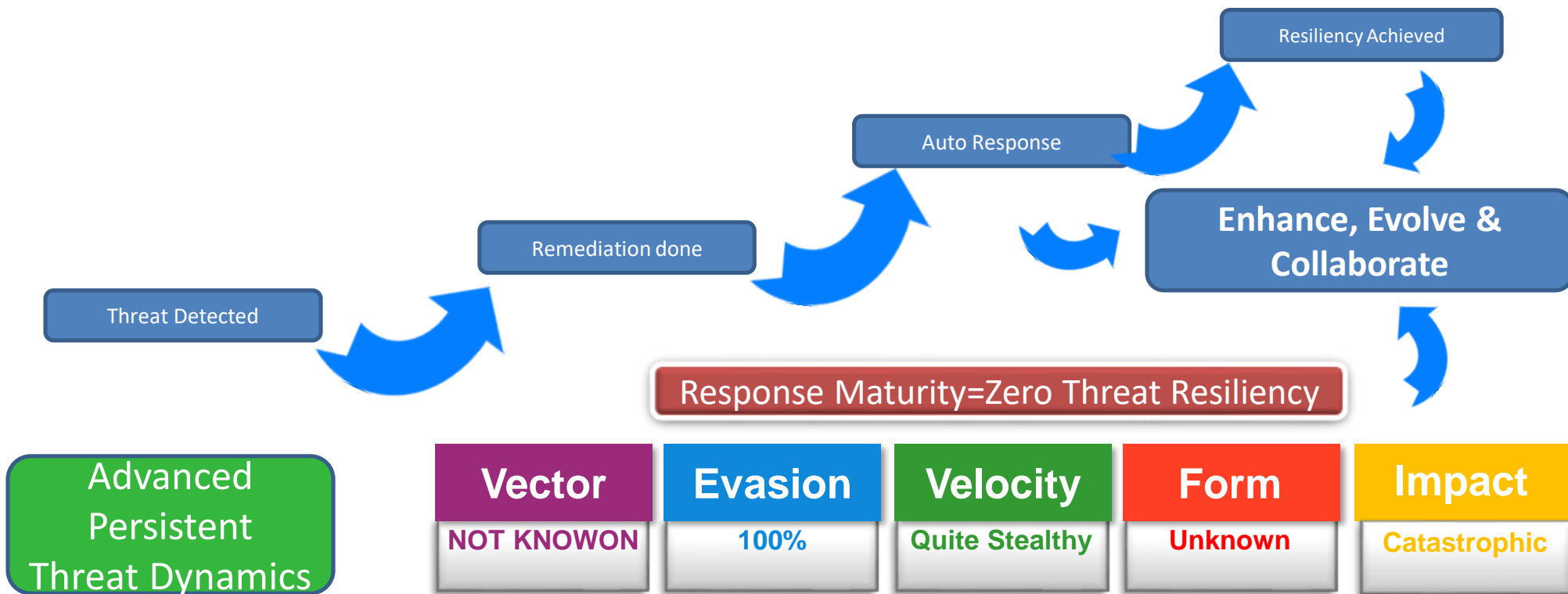
Technology

Process

Accounta
bility

Safety

Cyber Security Maturity Model



D X - CISO Role

Business
Value

Socially
Acceptable
Customer
Experience

Digital
Trust



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