Re-defining Manufacturing in the Age of Digital Disruption

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VP Digital Transformation and Innovation
Cisco Canada

Follow and feedback @DrRickH

Fend off
Disruption

Enhance
Productivity

Create new
Opportunities

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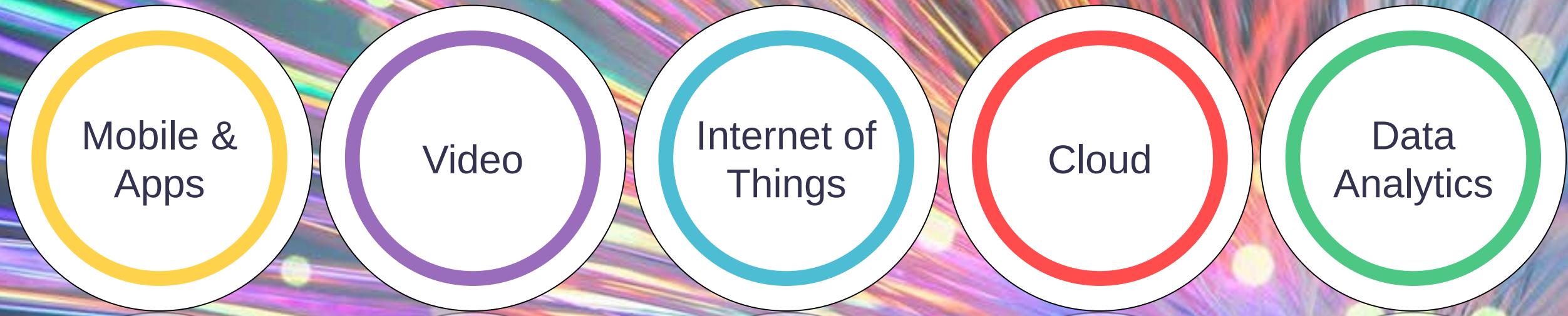

3rd Industrial Revolution:
Digital Infrastructure

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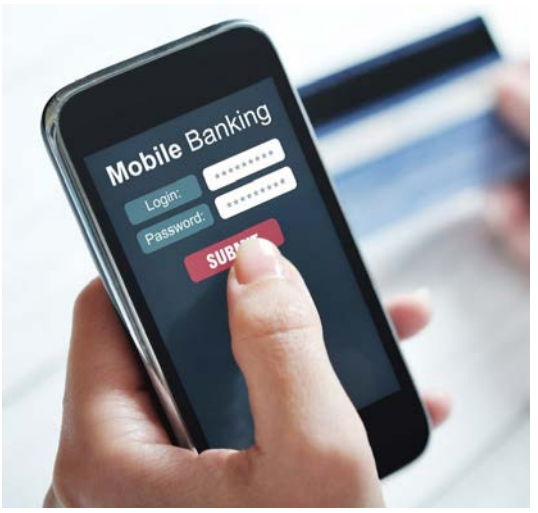
Digital Business is for Everyone…

Construction	Mining	Utilities	Banking
Digital Building	Autonomous Mine	Smart Grid	Customer Experience
			

Unleashing Digital Manufacturing Outcomes

Lower Downtime	Reduce Defects	Faster NPI	Maximize OEE	Lower Inventory	Reduce Energy	Reduce Risk
Make Money				Save Money		Stay out of Trouble
"$40 million downtime reduction for customer" FANUC	"Reduced labeling error rate by 16%" StanleyBlack&Decker	"Shaved 10-20% off NPI cycle time" SUB-ZERO	"Increased OEE mid 70s to high 80s" **Multi-National Brewery**	"Reduced breaker component tire loss by 20%." Continental	"Achieving 20% energy reduction with real time visibility." FLEXTRONICS	"Significantly reduced factory vulnerabilities." cisco
• Factory Network • Analytics and Big Data	• Factory Wireless with LBS	• Factory Wireless • Factory Collaboration	• Factory Network • Plant Floor Virtualization	• Factory Wireless	• Connected Machine • Factory Network • Energywise	• Factory Security

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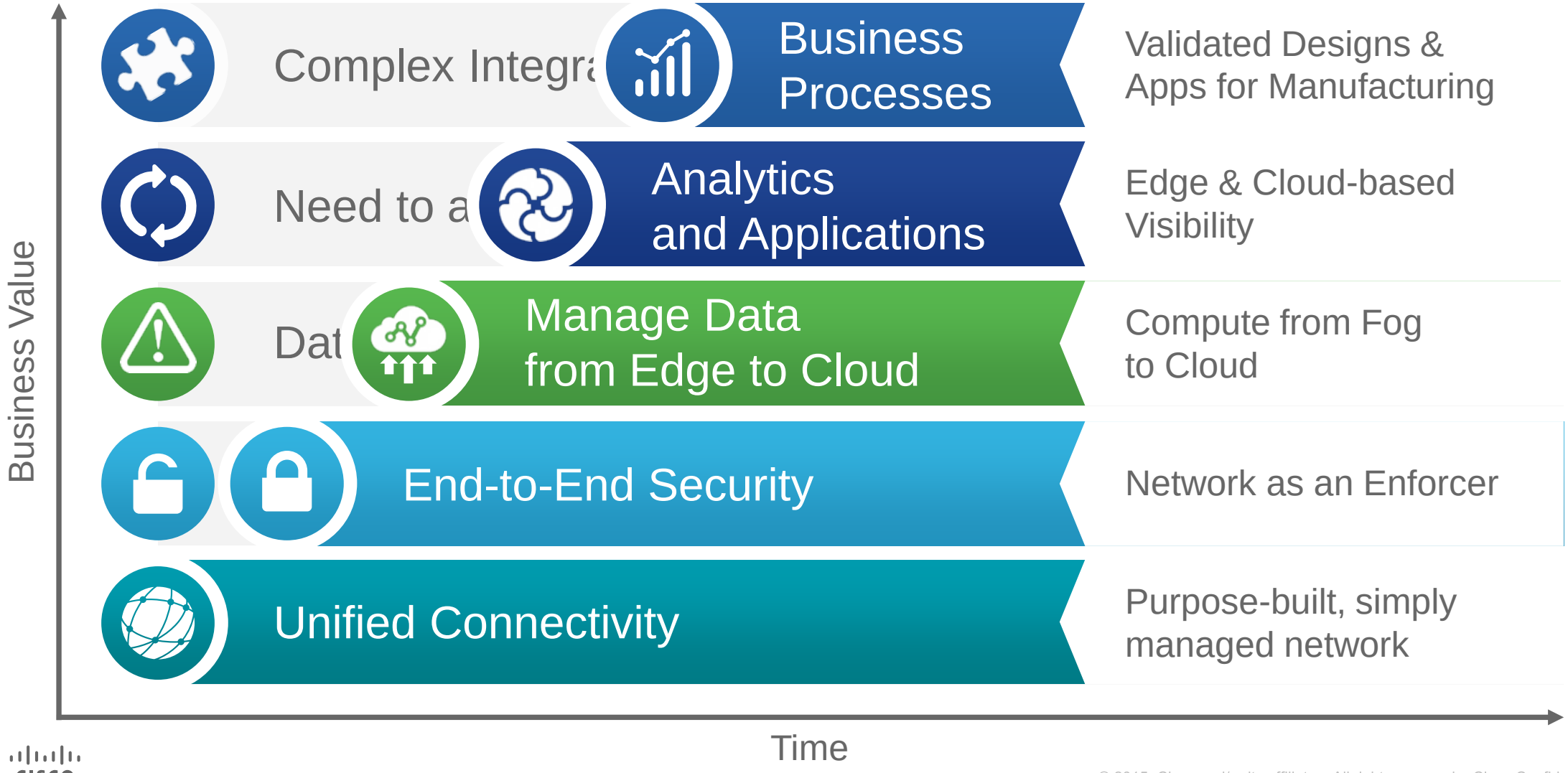
Manufacturing Challenges and Digital Response



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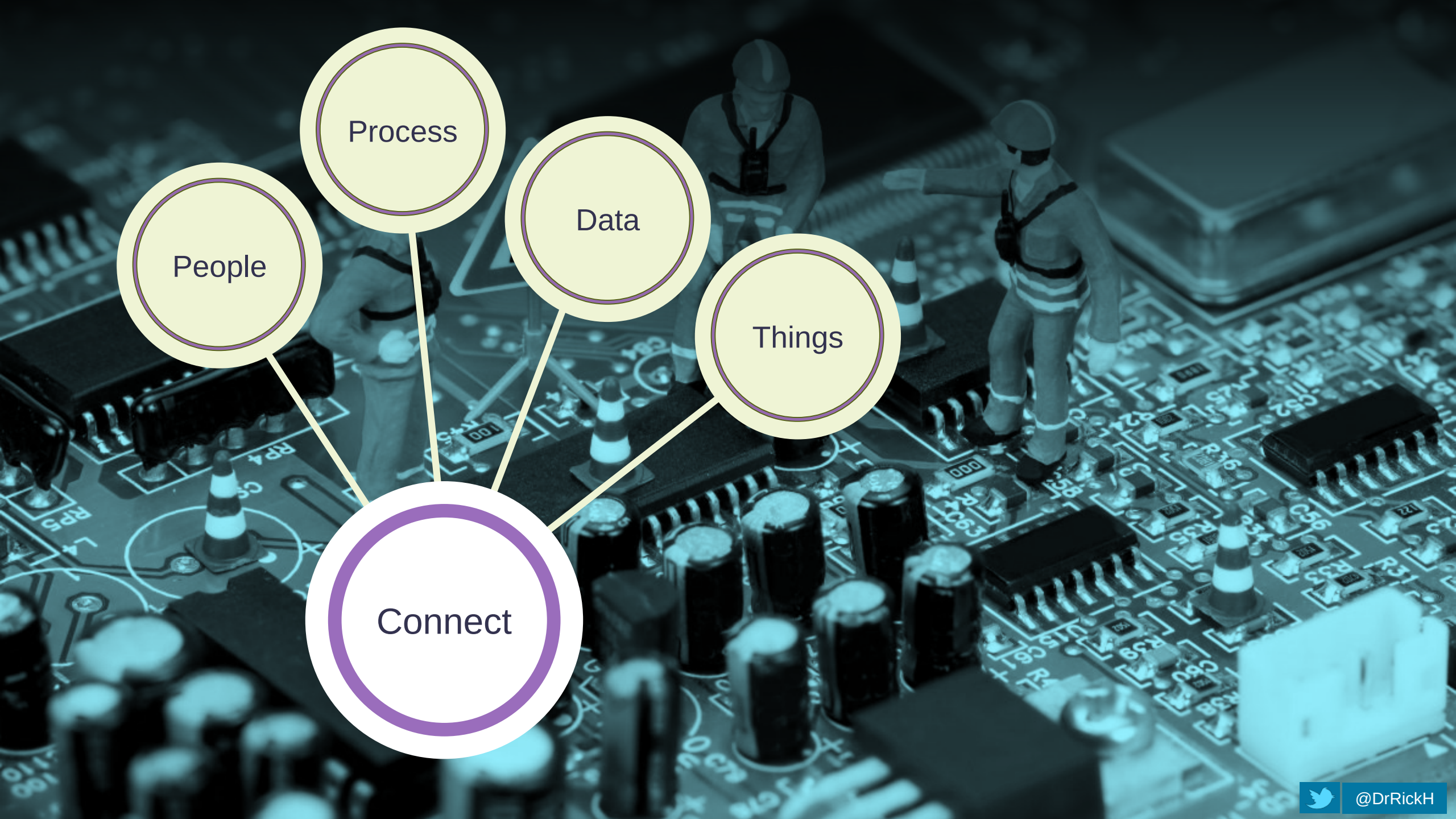
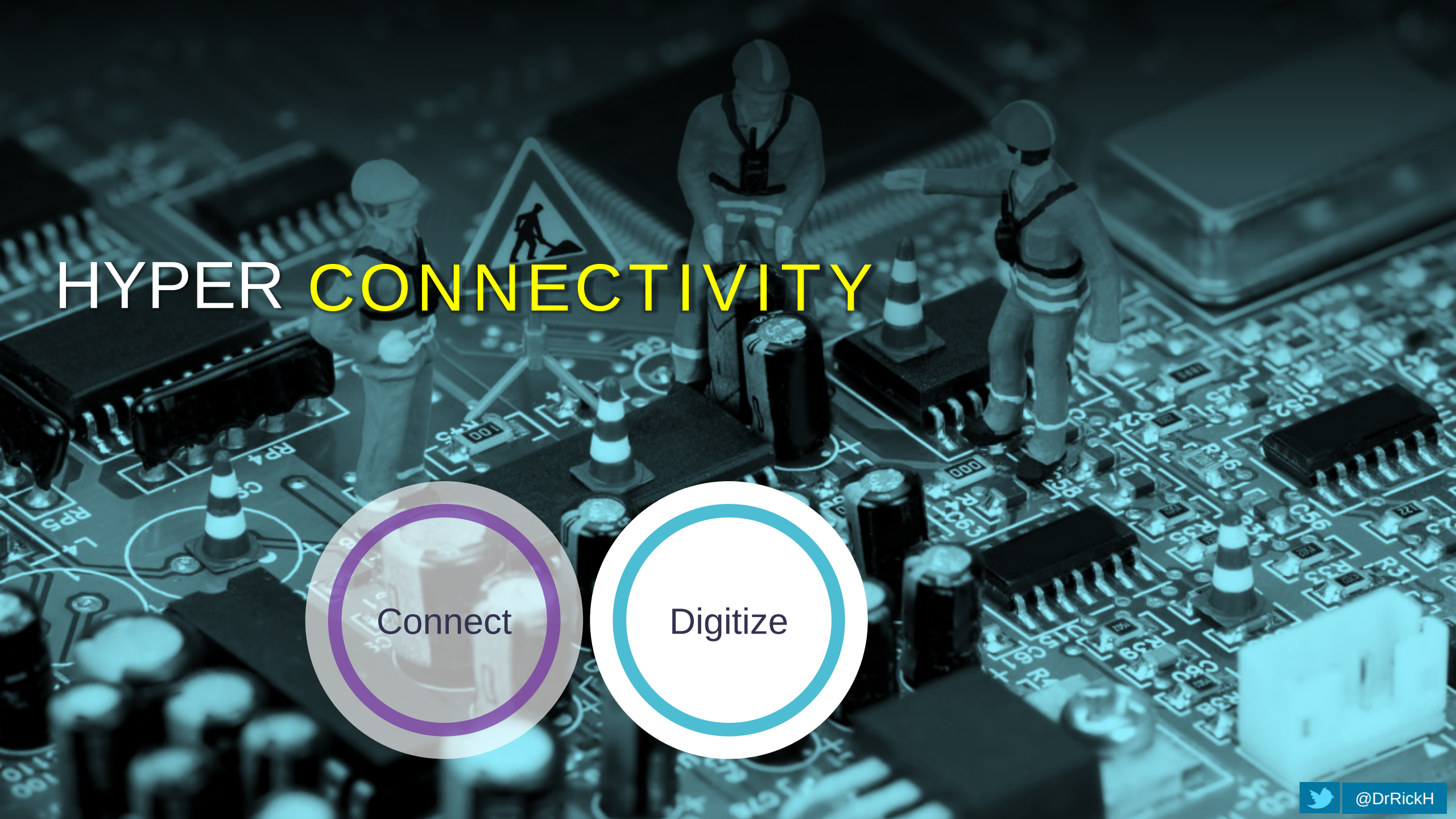
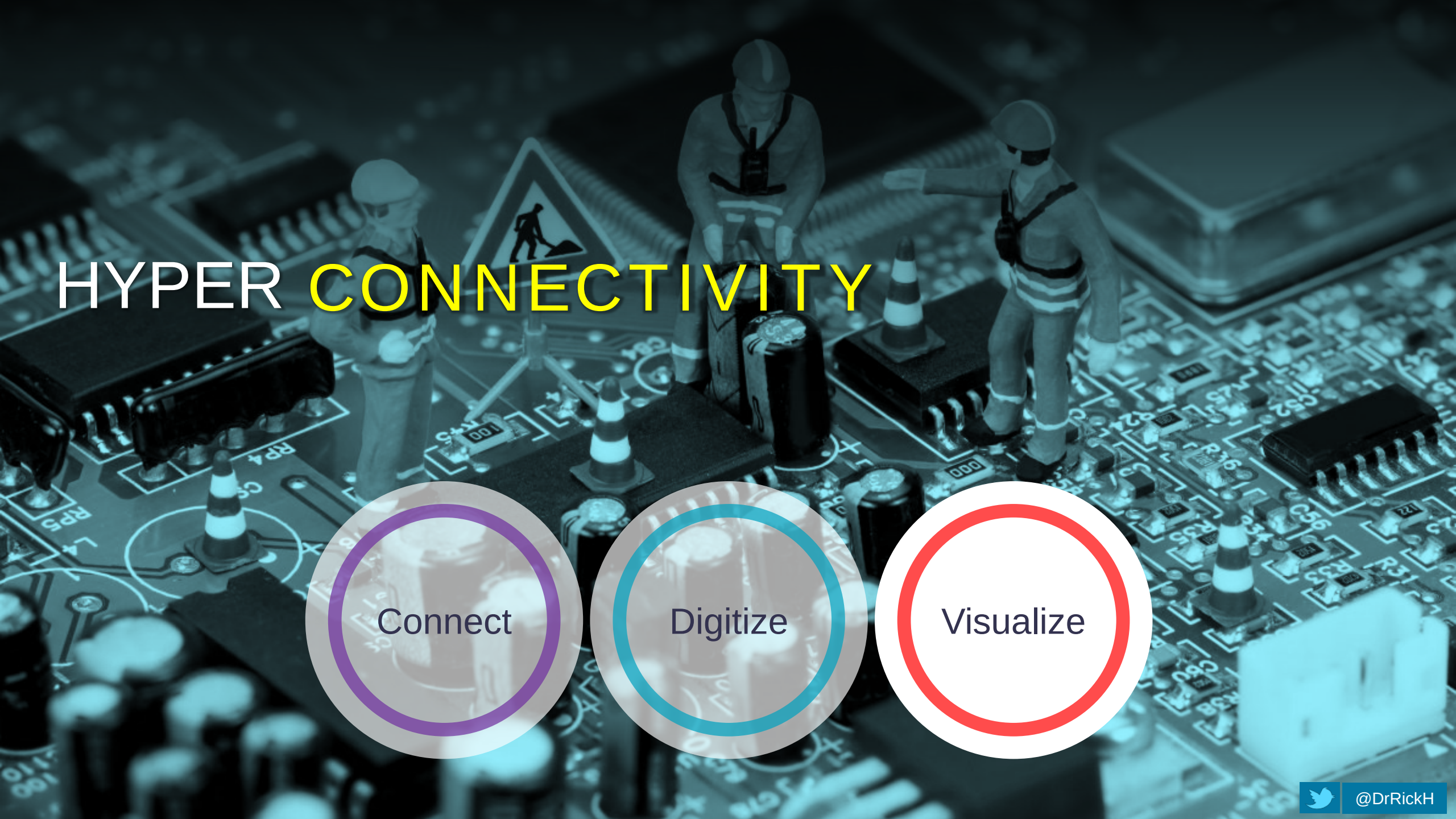

Process
People
Data
Things
Connect


HYPER CONNECTIVITY
Connect
Digitize
@DrRickH


HYPER CONNECTIVITY
Connect
Digitize
Visualize
@DrRickH

CONNECTIVITY
HYPER CONTEXT AWARENESS
Connect
Digitize
Visualize
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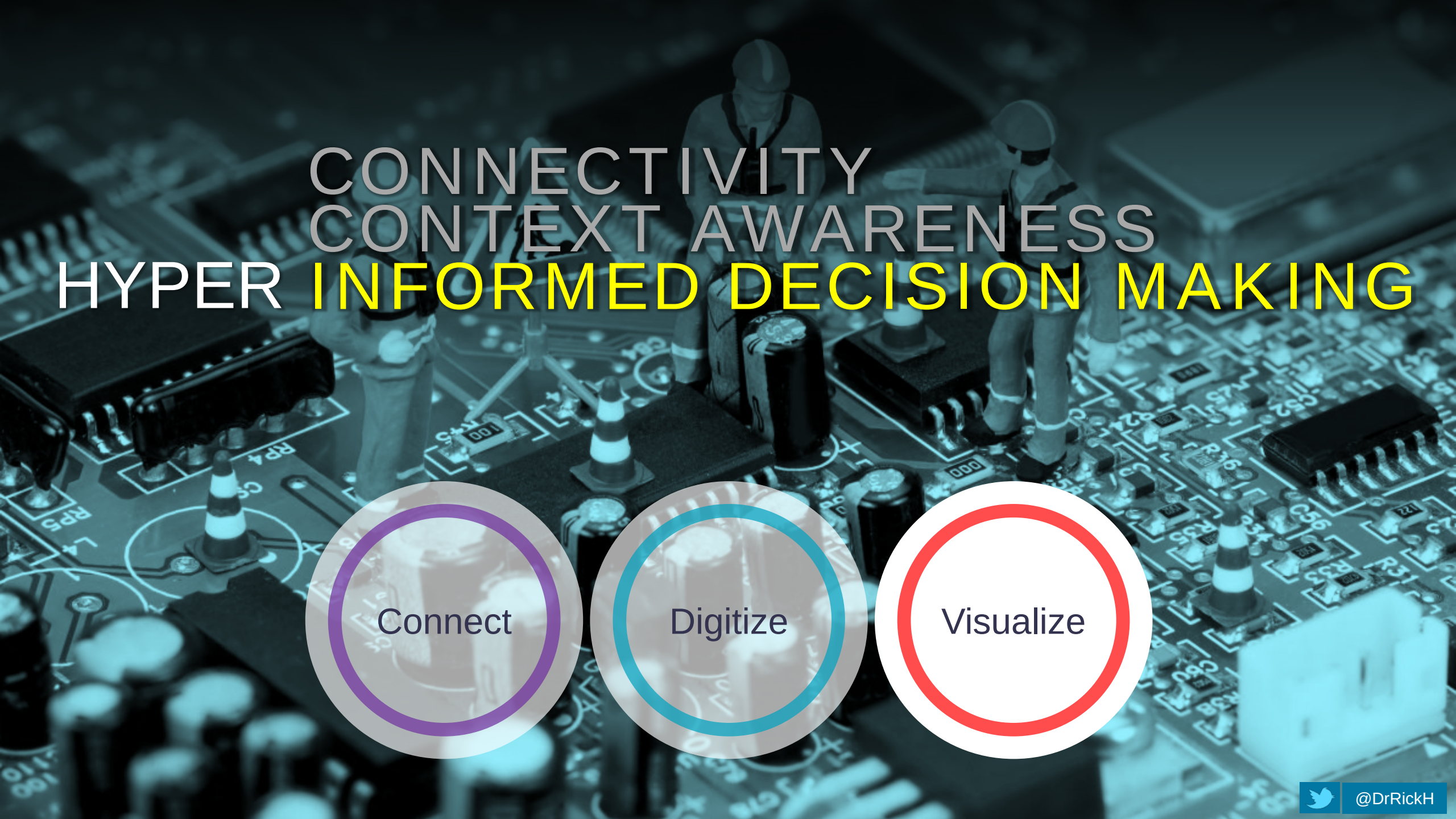
CONNECTIVITY
CONTEXT AWARENESS
HYPER INFORMED DECISION MAKING
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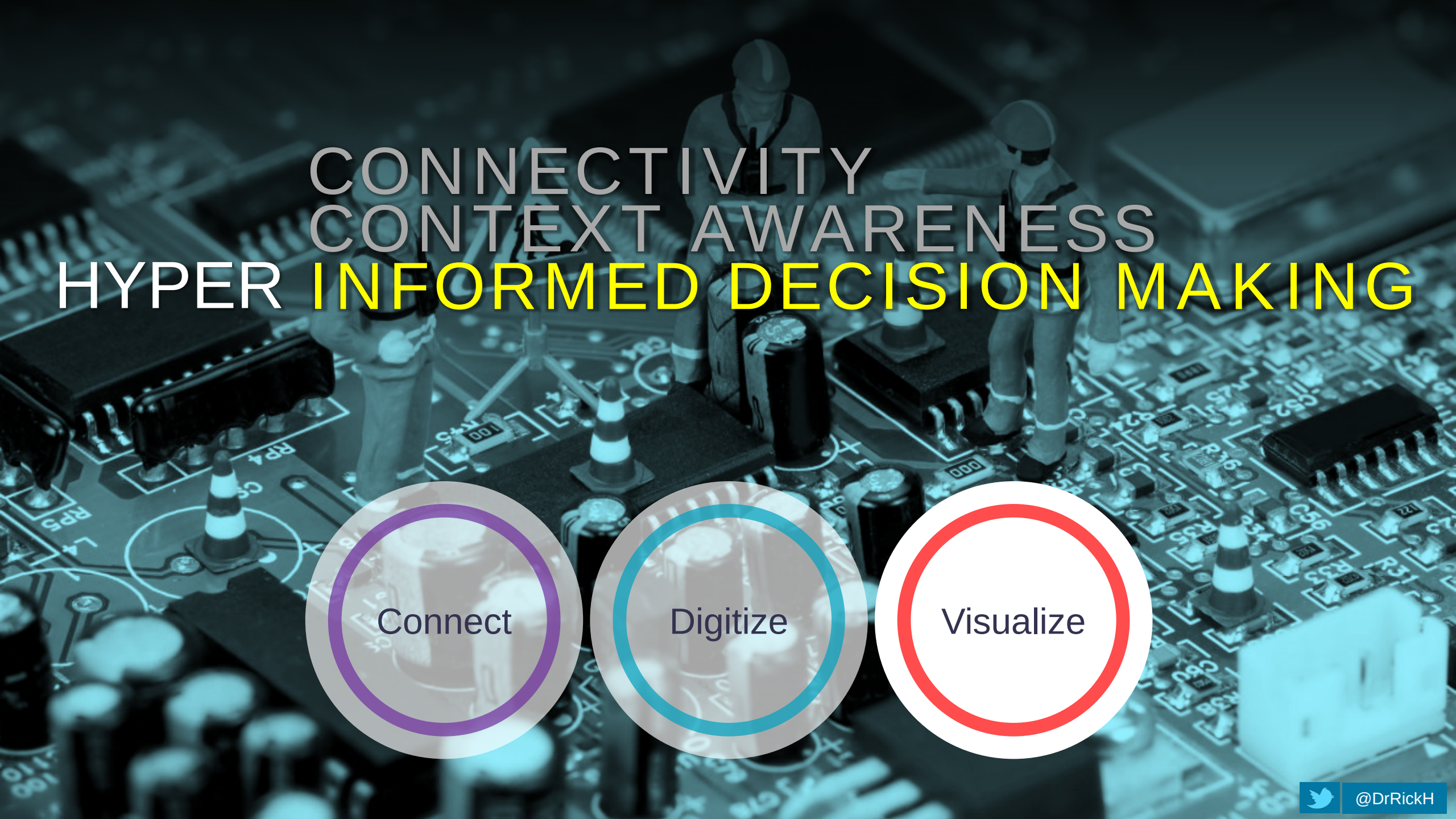
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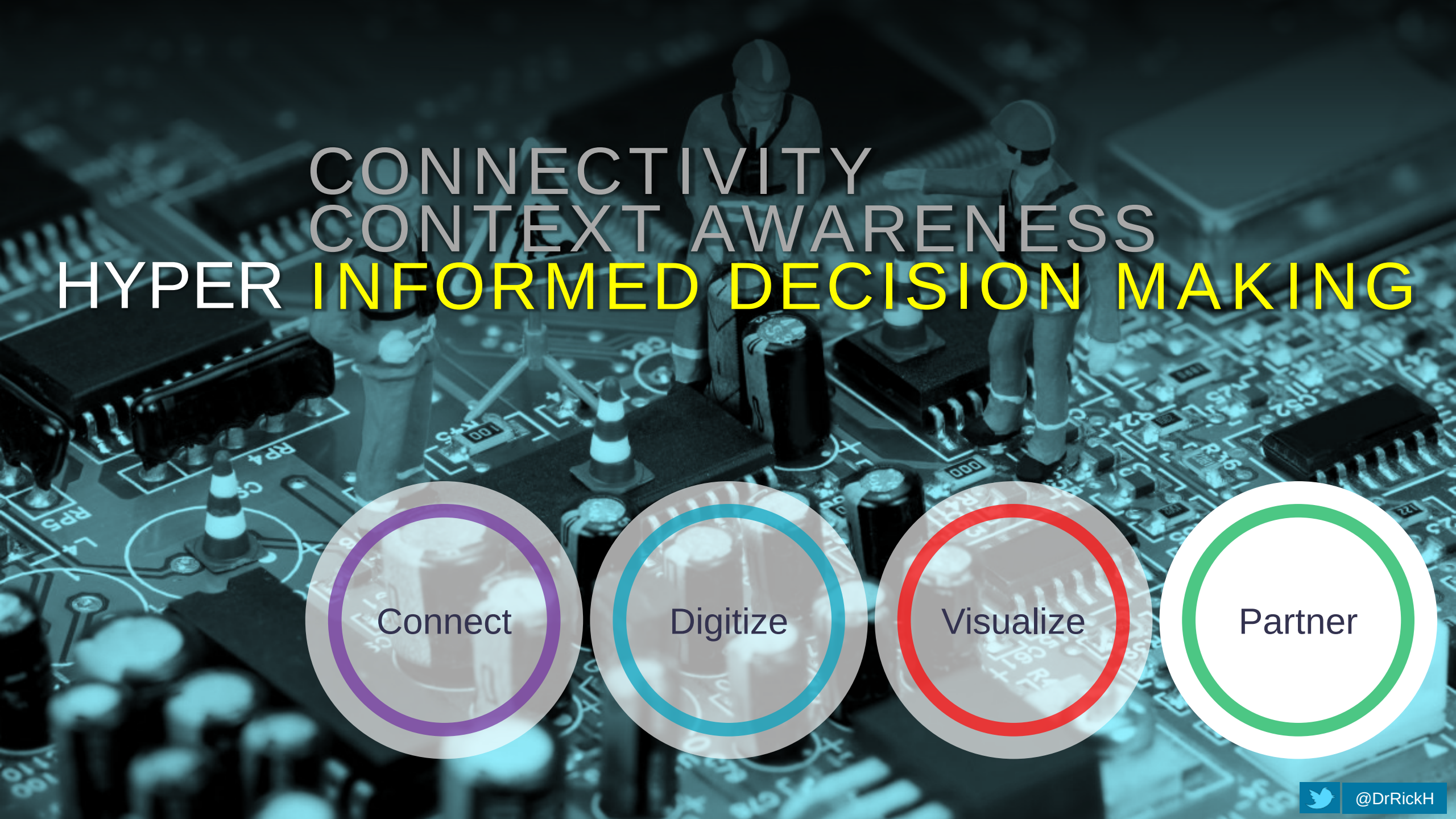
CONNECTIVITY
CONTEXT AWARENESS
HYPER INFORMED DECISION MAKING
Connect
Digitize
Visualize
Partner
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CONNECTIVITY
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HYPER EXECUTION
Vision
Connect
Digitize
Visualize
Partner
@DrRickH

CONNECTIVITY
CONTEXT AWARENESS
INFORMED DECISION MAKING
EXECUTION
HYPER AGILITY
Vision
Connect
Digitize
Visualize
Partner
@DrRickH

Dream it.
Believe it.
@DrRickH

Achieve it.
#BetterTogether
@DrRickH

ARE YOU READY?

@DrRickH

THANK YOU

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