

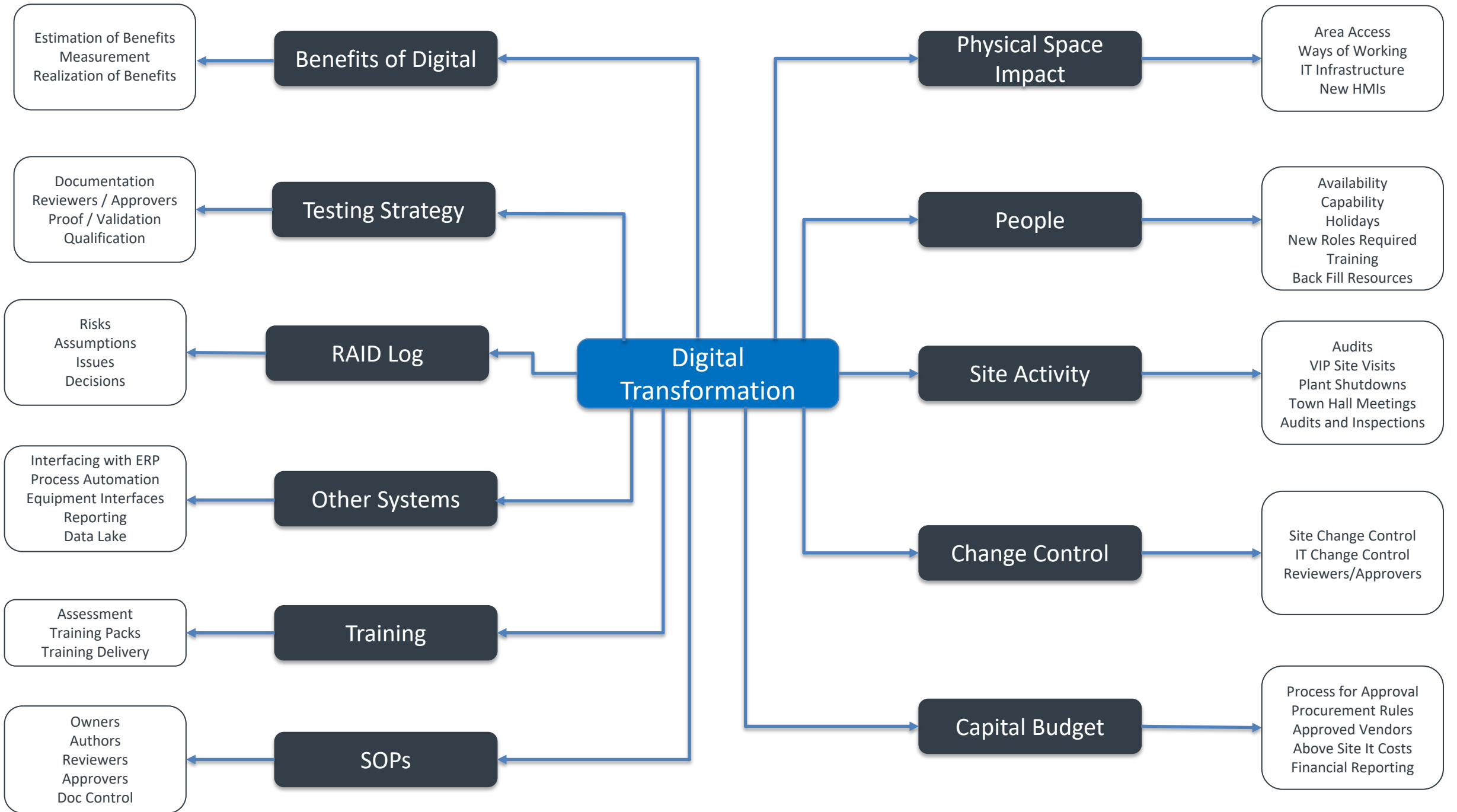
*UNDERSTANDING  
THE IMPACT OF  
DIGITAL  
TRANSFORMATION*

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# The Impact of Digital

- There are many benefits of Digital Transformation
- All areas of the business are impacted and must be prepared
- Too often the initial impact assessment was not adequate
- Often this is not discovered until too late in the project
- It's all about the detail
- The impact in each area must be discussed and assessed
- Once the impact is known, you can put a plan in place



# THE IMPACT OF DIGITAL

## Emerging Tech Will Create More Jobs Than It Kills by 2022, World Economic Forum Predicts

If a new World Economic Forum (WEF) report is to be believed, emerging tech will create more jobs than it destroys. At least for the next four years. Specifically, [The Future of Jobs Report 2018](#) predicts the loss of 75 million jobs by 2022, and the creation of 133 million jobs over the same period, for a net increase of 58 million jobs. That's obviously good news, but this extraordinary swing in jobs will pose a challenge to both employers and workers. For employers, it means making the right investments in technology; for workers, it means acquiring the right skills.

# Impact of Digital on People

## Growing

- 1 Analytical thinking and innovation
- 2 Active learning and learning strategies
- 3 Creativity, originality and initiative
- 4 Technology design and programming
- 5 Critical thinking and analysis
- 6 Complex problem-solving
- 7 Leadership and social influence
- 8 Emotional intelligence
- 9 Reasoning, problem-solving and ideation
- 10 Systems analysis and evaluation

## Declining

- 1 Manual dexterity, endurance and precision
- 2 Memory, verbal, auditory and spatial abilities
- 3 Management of financial, material resources
- 4 Technology installation and maintenance
- 5 Reading, writing, math and active listening
- 6 Management of personnel
- 7 Quality control and safety awareness
- 8 Coordination and time management
- 9 Visual, auditory and speech abilities
- 10 Technology use, monitoring and control

# Skills Impact

## Example

### Traditional Tablet Press – Paper Records



Operated and Supported By:  
Operator  
Equipment Technician  
QA  
Validation

### Modern Tablet Press – Electronic Records



Operated and Supported By:  
Skilled Operator  
Equipment Technician  
QA  
Automation Engineer  
Manufacturing Systems Specialist  
Computer Systems Validation  
IT Support  
SAP/ERP Specialist

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