

Welcome to the FM:Systems User Conference

The Stages of Excellence

Leveraging FM:Interact core data to
power facility wide processes

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Agenda



01

Introduction

What is the

02

Improving Operational Effectiveness

Make sure each topic has a name that really illustrates the issue to be discussed or the decision to be made.

03

Space & Asset Data Dependencies

Items can be decisions to be made; information to share; or brainstorming and gathering opinions.

04

Example FM:Interact Workflows

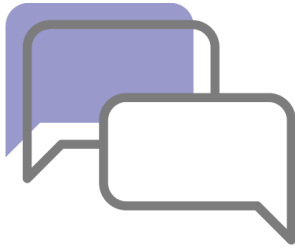
Items can be decisions to be made; information to share; or brainstorming and gathering opinions.

Improving Operational Effectiveness



Improving Operational Effectiveness

The No. 1 concern of CEO's in 2019 - PWC



Automation

Transitioning from manual to highly automated organizational processes.



Actionable Insights

Gaining access to actionable intelligence on the effectiveness of your organization.

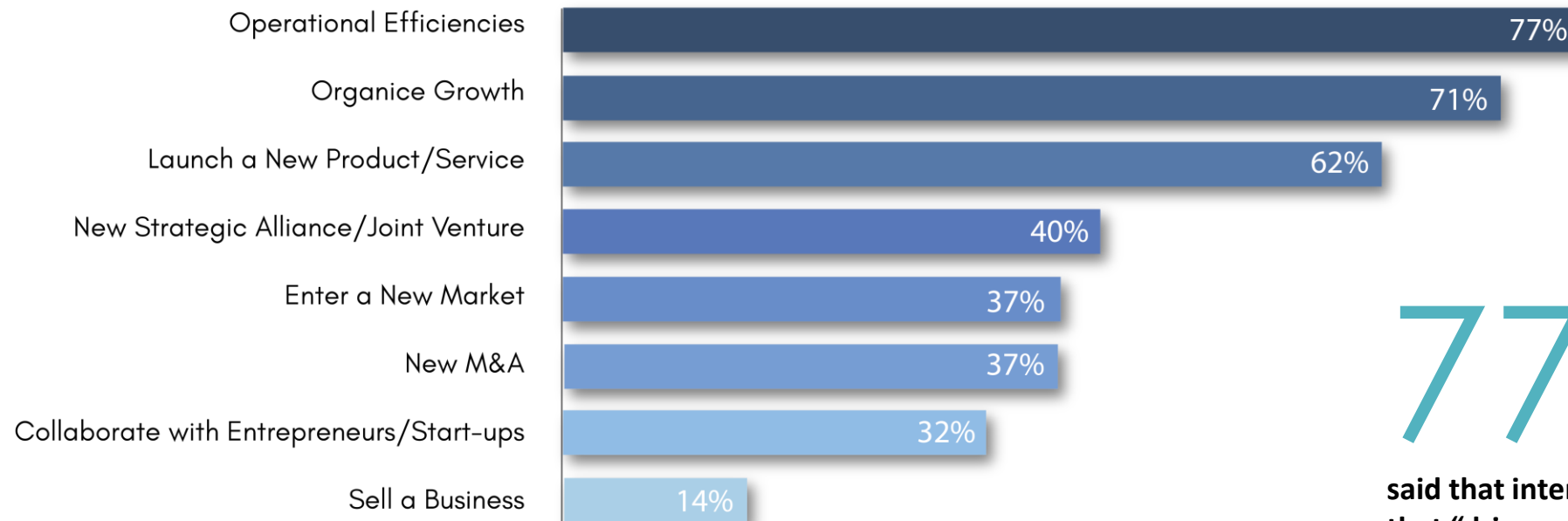


Employees

Obtaining and retaining talent to drive your organization forward.

Improving Operational Effectiveness

The No. 1 concern of CEO's in 2019 - PWC



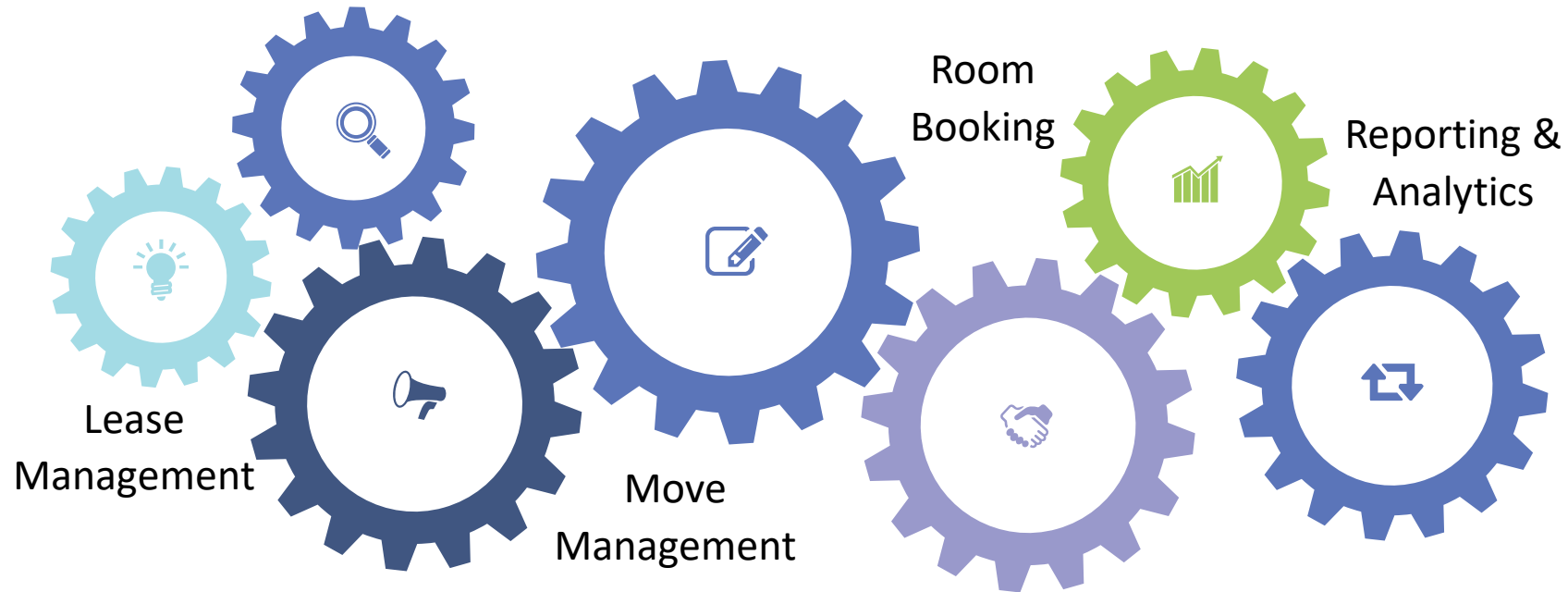
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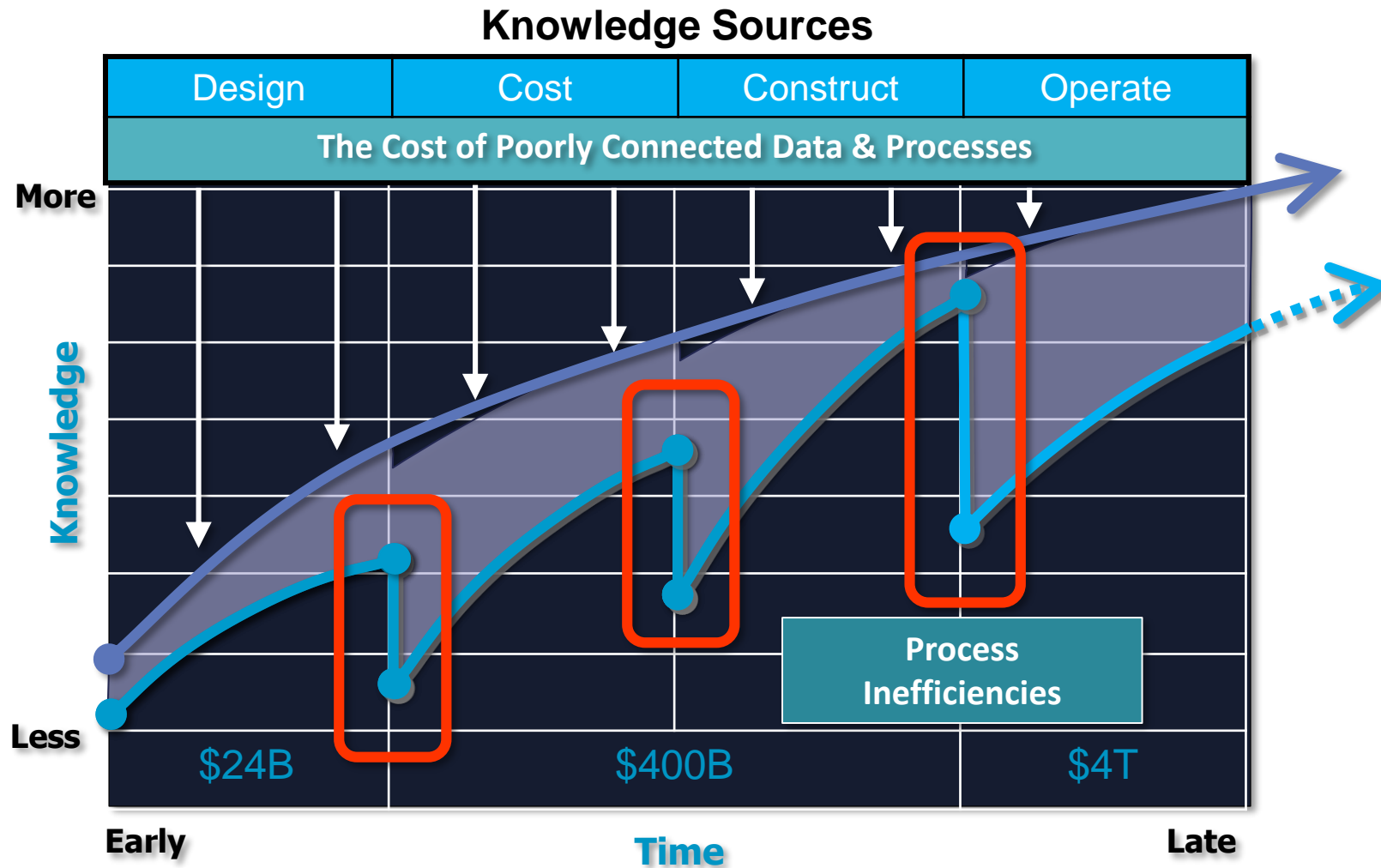
said that internally focused initiatives that “drive operational efficiencies” were their top priority in 2019

Manual to Automated Processes

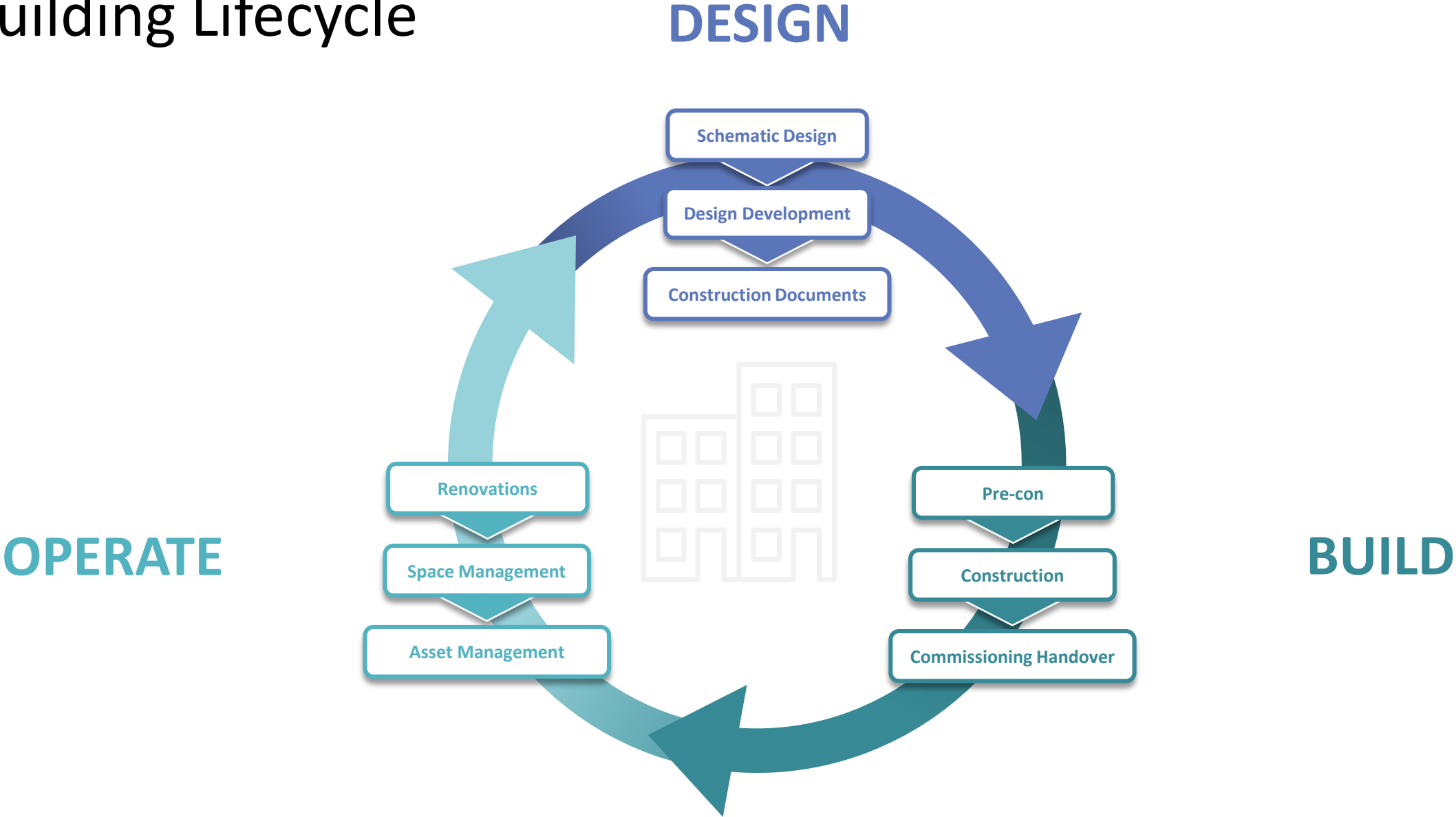
By moving to IWMS, Verdantix finds the following time efficiencies are achievable:

- Moving from spreadsheets to IWMS = up to 80% administration time saving
- Moving from a multitude of point solutions to IWMS = up to 50% administration time saving





Building Lifecycle



The Cost of Poor Interoperability



Life-cycle Phase	Stakeholder Group	Cost Category		
		Avoidance	Mitigation	Delay
Operations & Maintenance	Architects and Engineers	●		
	General Contractors	●		
	Specialty fabricators & Suppliers			
	Owners and Operators	●	●	●



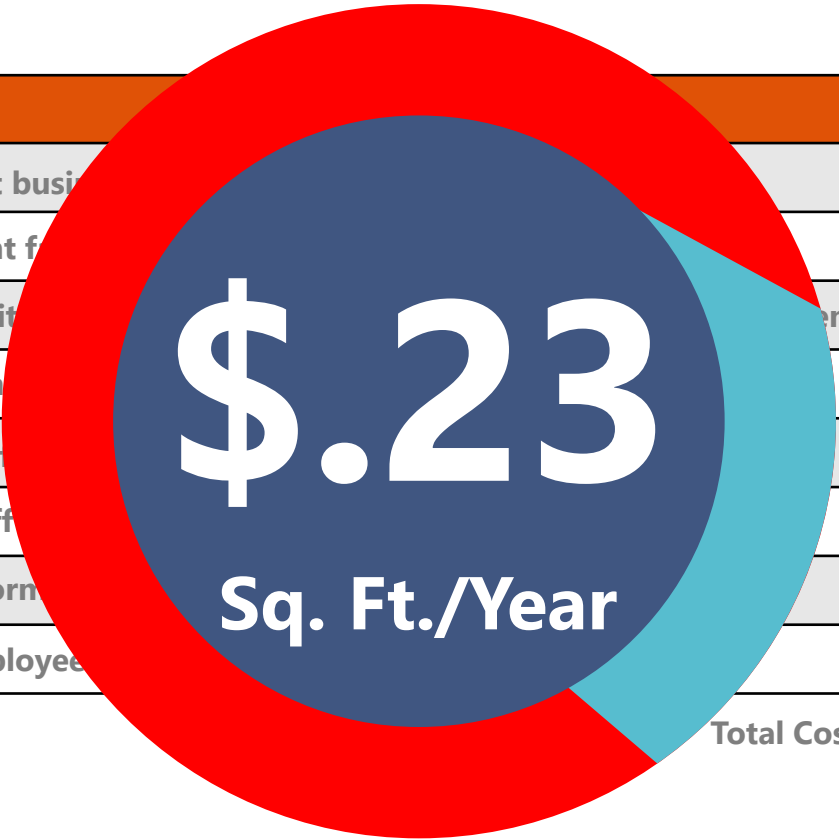
Some Interoperability Costs



Significant Interoperability Costs

The Cost of Poor Interoperability

Cost Category		Sq. Ft Cost
Avoidance	Inefficient business processes	\$0.0400
	Redundant functions	\$0.0100
	Productivity loss	\$0.0003
	Redundant equipment systems	\$0.0003
Mitigation	O&M staff	\$0.0200
	O&M staff	\$0.00001
	O&M information	\$0.1200
Delay	Idled employees	\$0.0400
Total Cost per Square Foot		\$0.23



The Cost of Poor Interoperability

Locations

Managing multiple locations including countries, regions, campuses etc.

Technology

Technologies including CAD, BIM, browsers, databases, mobile platforms and more

Formats

Can include multiple disparate file formats and types including paper, photos, docs, files etc.

Data

Data consistency, quality, completeness, history, applicability and timeliness

Accessibility

Security and accessibility by specific roles and individuals by various means

Workflow

Internal and external processes to ensure standards, guidelines and requirements are being met

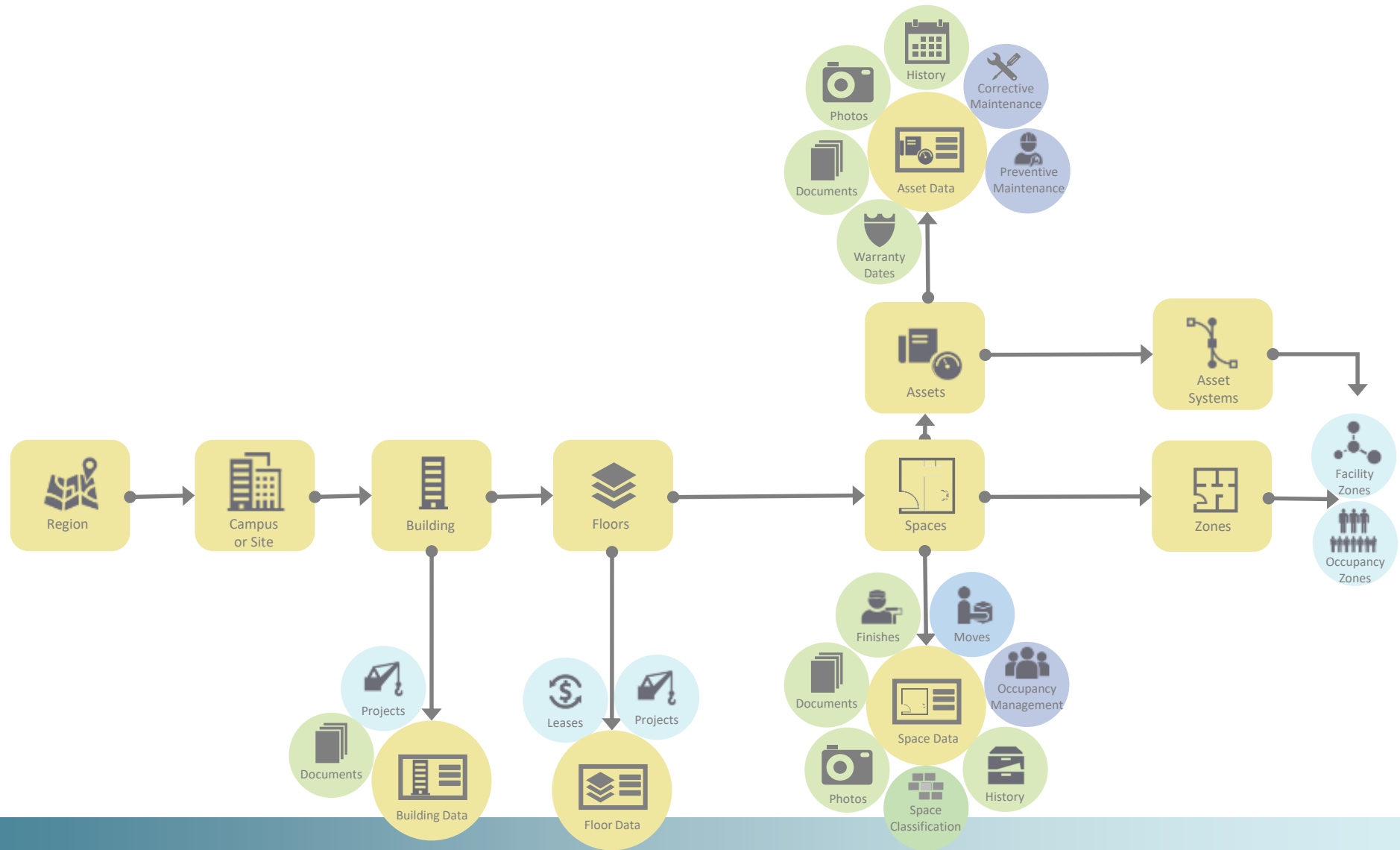


Space & Asset Dependencies

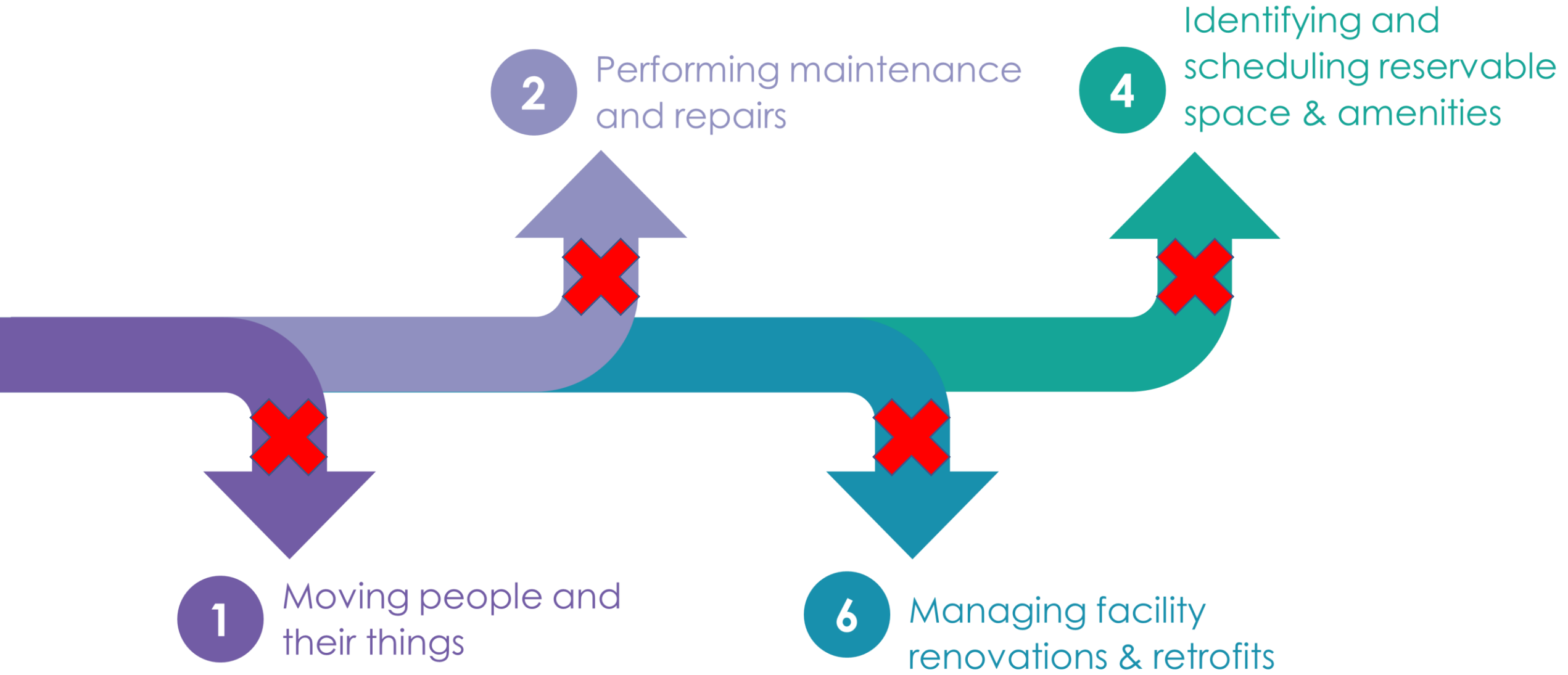
FM:Interact



Space & Asset Downstream Dependencies

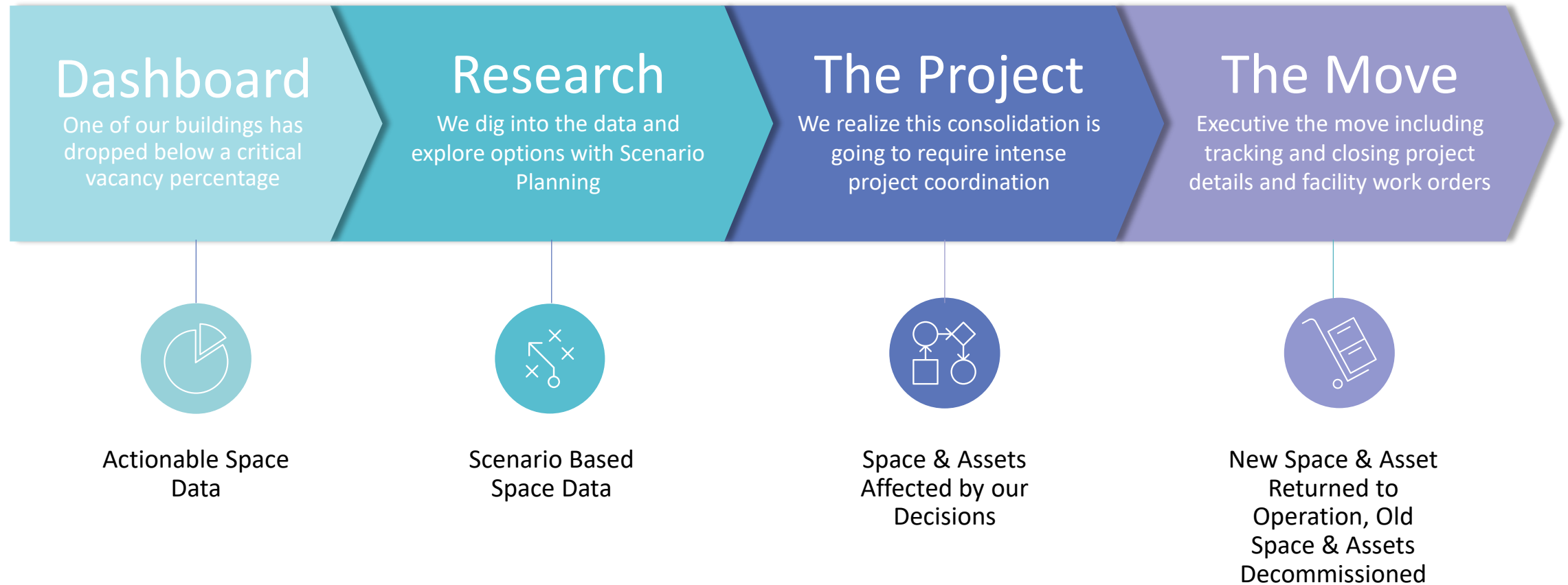


Space & Asset Downstream Dependencies

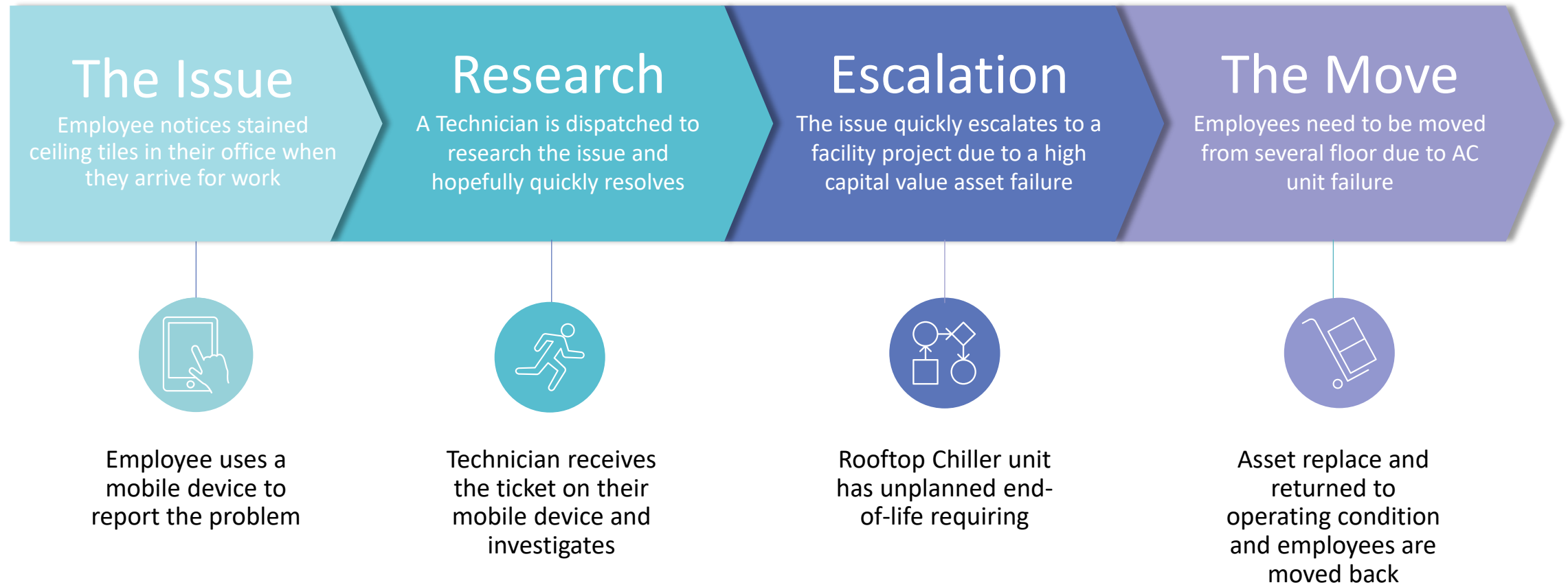


Example FM:Interact Workflows

Example Space & Occupancy Workflow



Example Maintenance & Projects Workflow





Questions?

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