

# Welcome to the FM:Systems User Conference



## The Stages of Excellence

Leveraging FM:Interact core date to power facility wide processes

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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

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.



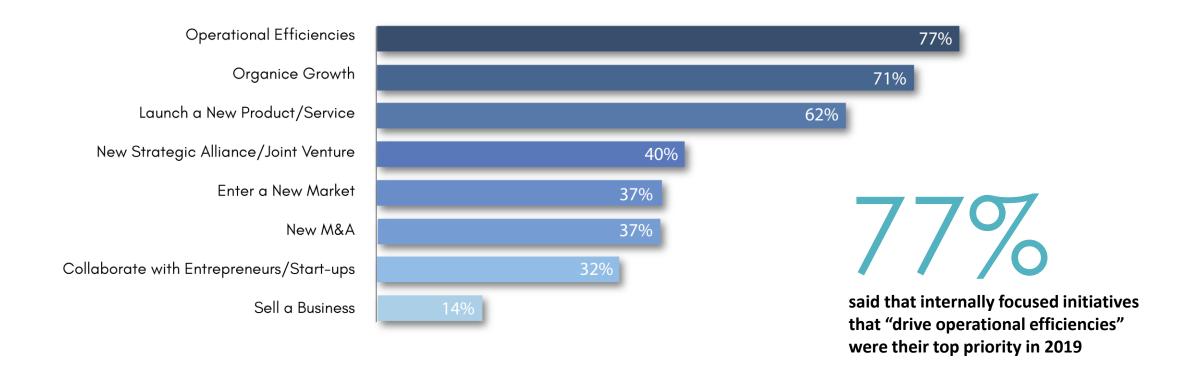
## **Employees**

Obtaining and retaining talent to drive your organization forward.



## Improving Operational Effectiveness

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

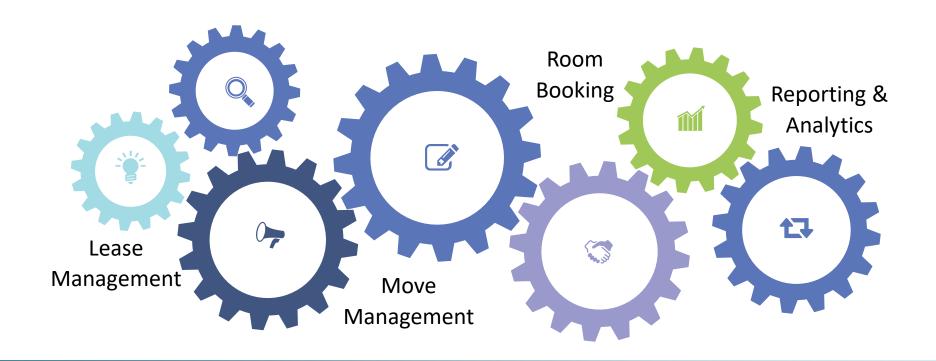




## Manual to Automated Processes

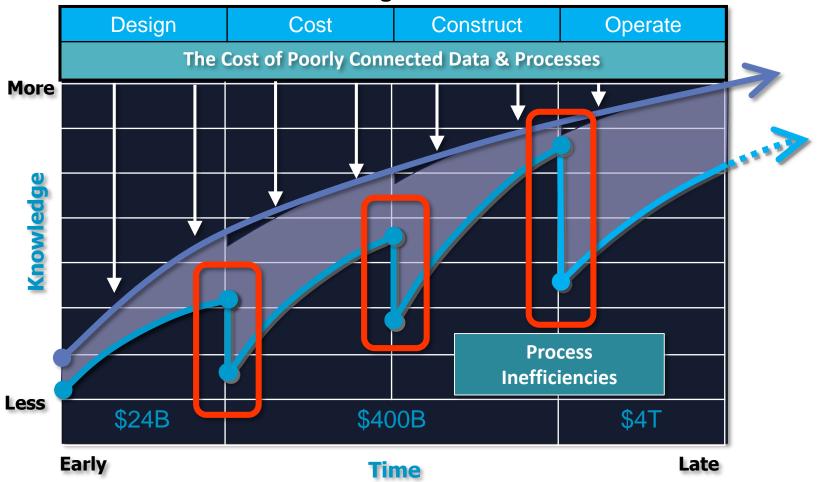
By moving to IWMS, Verdantix finds the following time efficiencies are achievable:

- 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





#### **Knowledge Sources**

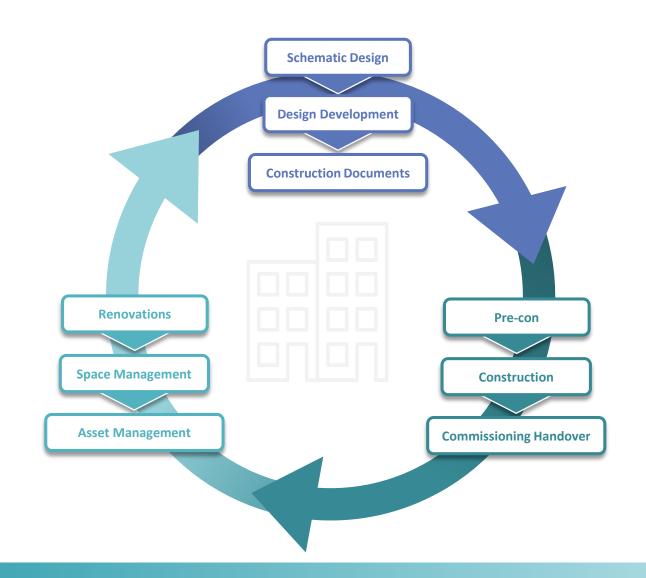




## **Building Lifecycle**

## **DESIGN**

**OPERATE** 





## The Cost of Poor Interoperability

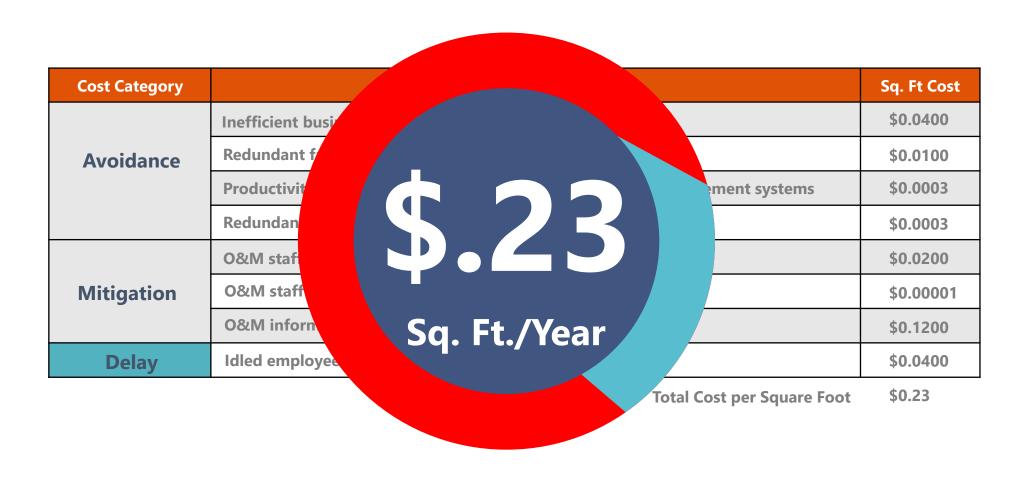
		Cost Category		
Life-cycle Phase	Stakeholder Group	Avoidance	Mitigation	Delay
Operations & Maintenance	Architects and Engineers			
	General Contractors			
	Specialty fabricators & Suppliers			
	Owners and Operators			

Some Interoperability Costs

Significant Interoperability Costs

Source: NIST GCR 04-867

## The Cost of Poor Interoperability



Source: NIST GCR 04-867

## 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**

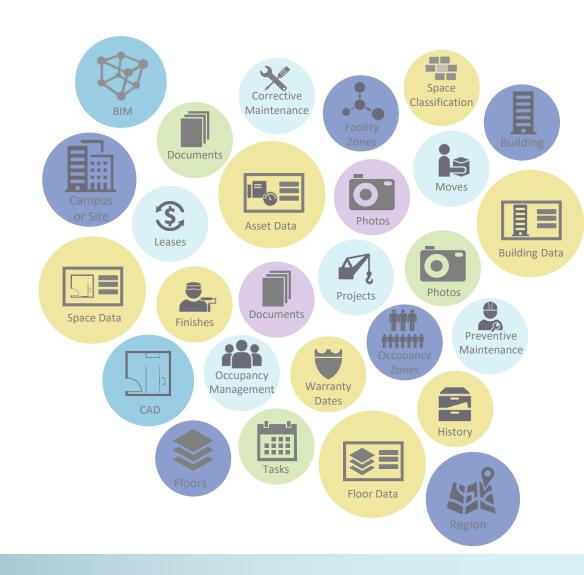
Data consistency, quality, completeness, history, applicability and timeliness

#### 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





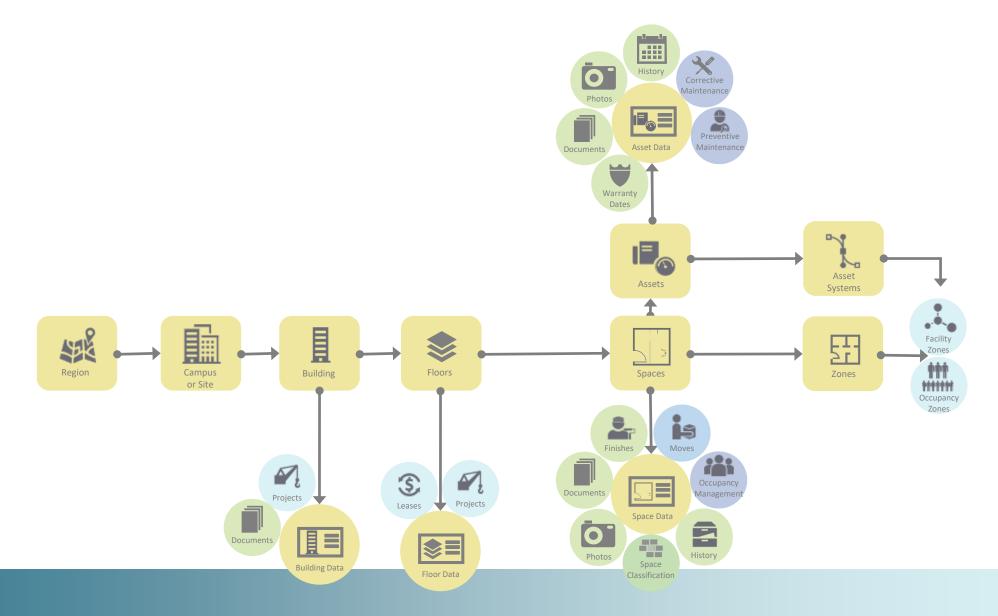


## FM:Interact



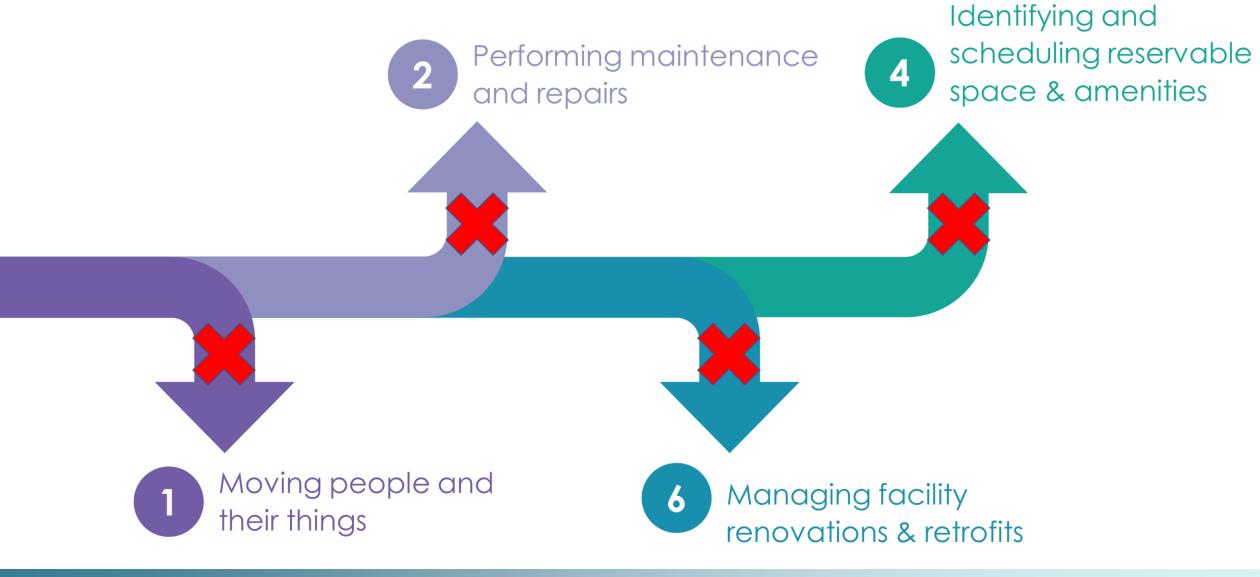


## Space & Asset Downstream Dependencies





## Space & Asset Downstream Dependencies







## Example FM:Interact Workflows

## Example Space & Occupancy Workflow

## Dashboard

One of our buildings has dropped below a critical vacancy percentage

## Research

We dig into the data and explore options with Scenario Planning

## The Project

We realize this consolidation is going to require intense project coordination

## The Move

Executive the move including tracking and closing project details and facility work orders



Actionable Space Data



Scenario Based Space Data



Space & Assets Affected by our Decisions



New Space & Asset Returned to Operation, Old Space & Assets Decommissioned



## Example Maintenance & Projects Workflow

## The Issue

Employee notices stained ceiling tiles in their office when they arrive for work

#### Research

A Technician is dispatched to research the issue and hopefully quickly resolves

### Escalation

The issue quickly escalates to a facility project due to a high capital value asset failure

### The Move

Employees need to be moved from several floor due to AC unit failure



Employee uses a mobile device to report the problem



Technician receives the ticket on their mobile device and investigates



Rooftop Chiller unit has unplanned endof-life requiring



Asset replace and returned to operating condition and employees are moved back





## Contact Us



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