

# IT Strategic Planning

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Staff Professional Development  
Day – September 19, 2024



# Objectives

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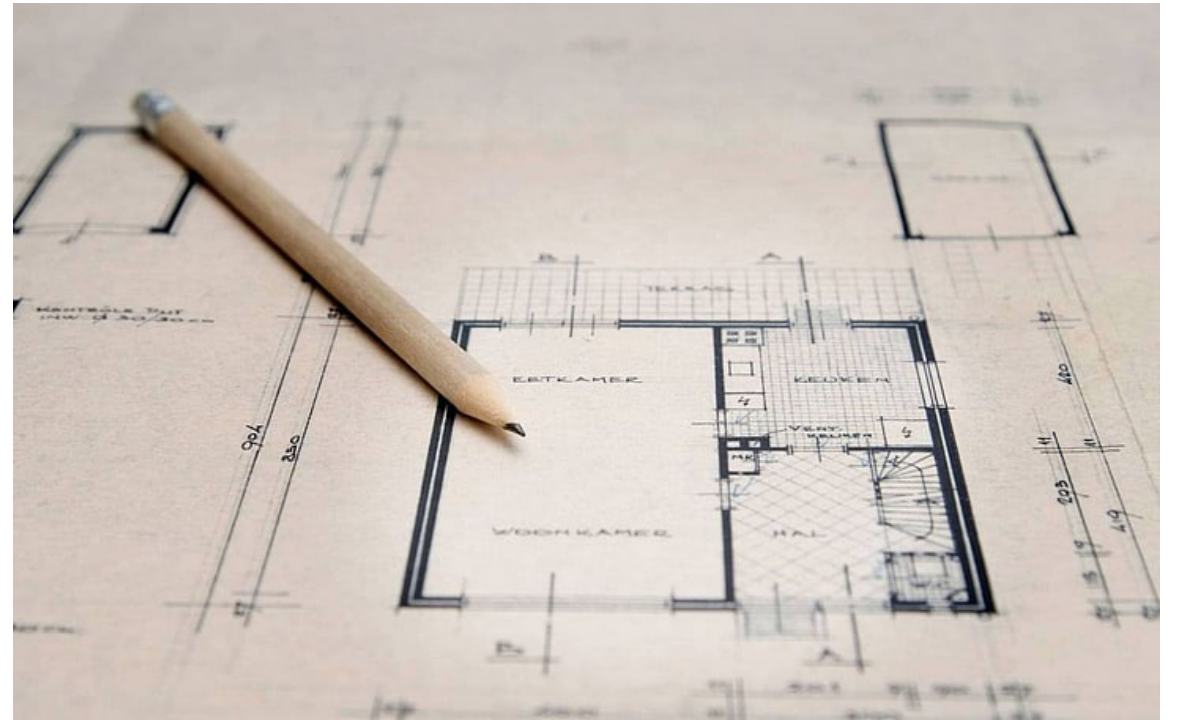
- Discuss approach to planning
- Gather input on key planning topics
- Preview next steps



# Why Plan?

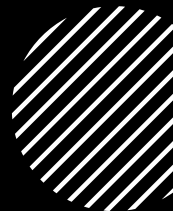
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- Enable institutional priorities
- Enhance collaboration among IT groups
- Create a framework for prioritization
- Demonstrate alignment with Virginia Tech strategy





# Planning Assumptions



Develop an institution-wide technology plan



Four-year plan with quick wins, short, medium, and long-term priorities



Sponsored by CIO and the IT Governance Executive Committee



Extensive stakeholder involvement



Incorporate outcomes from existing planning efforts – ERP, AI, Research Data Storage

# Approach



## ASSESS

Understand opportunities and challenges  
Establish focus areas for planning

**Aug-Oct**



## BRAINSTORM

Brainstorm goals, strategies and potential initiatives by focus area

**Nov- Dec**



## PLAN

Draft, socialize and refine an integrated plan

**Jan-Feb**



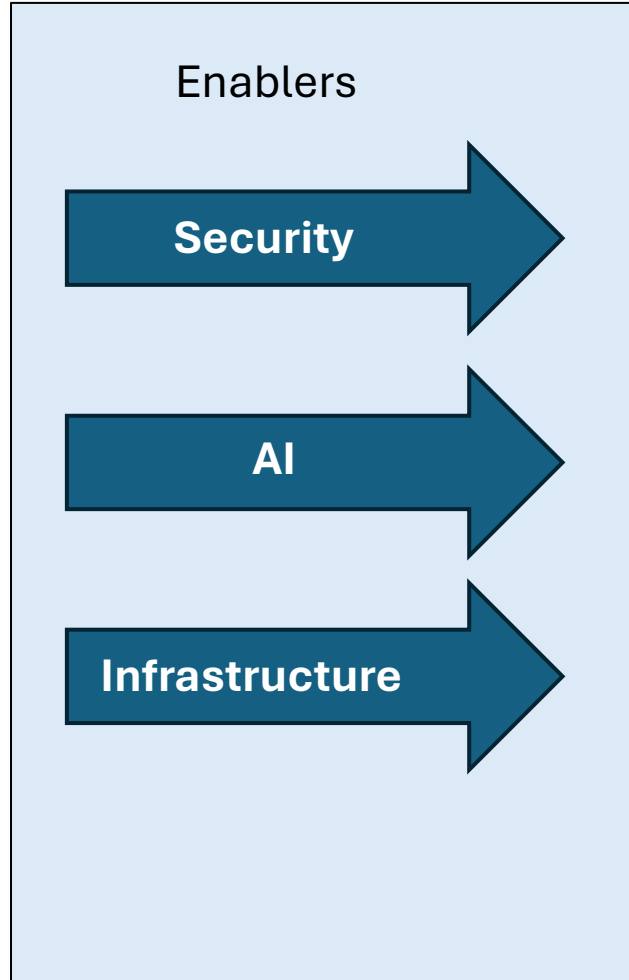
## IMPLEMENT

Develop roadmaps  
Estimate investment requirements  
Establish priorities

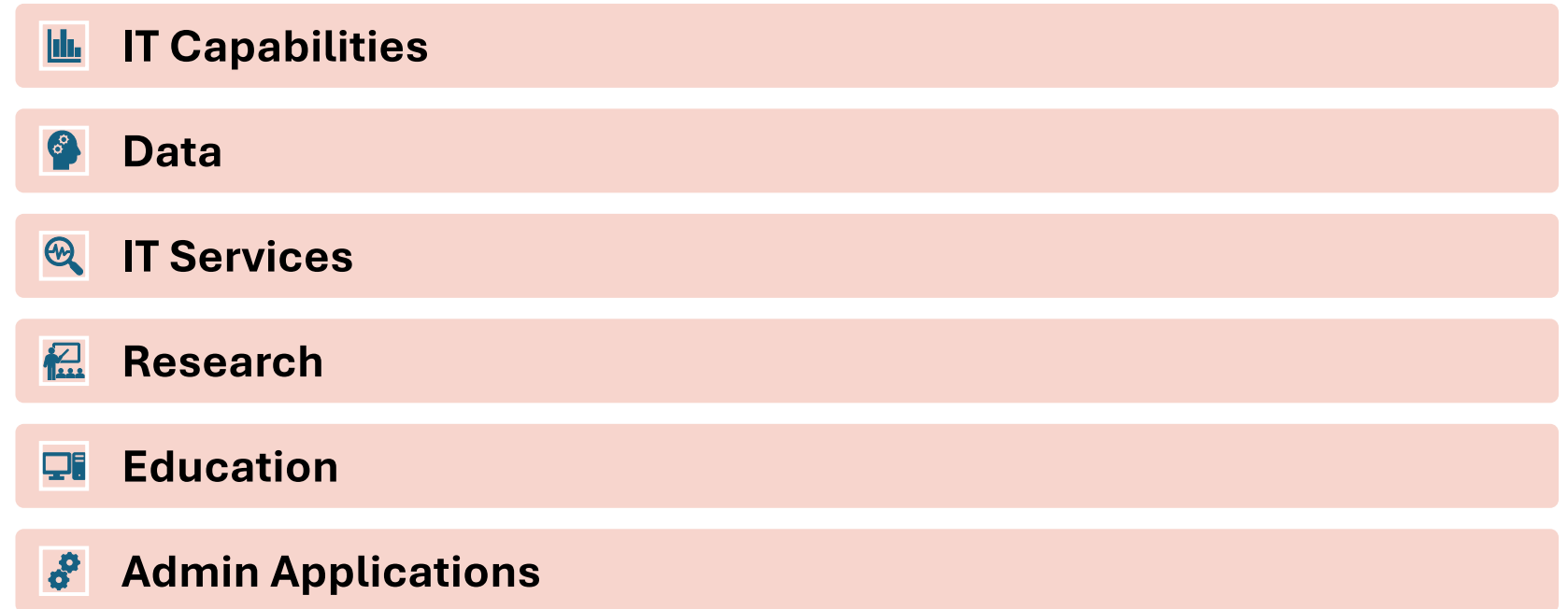
**Feb-Mar**



# Planning Framework



## Strategic Focus Areas



# Emerging Focus Areas

## IT Capabilities

- IT governance
- Structure
- staff capacity & capabilities
- IT processes

## Data

- Data governance
- security, privacy
- Organizational capabilities
- Analytics tools

## IT Services

- Framework to organize and manage services
- Collaborative design processes
- Funding models
- Marketing services

## Research

- Supporting data management
- Securing , storing, sharing and preserving data
- Accessing HPC

## Education

- Enhancing & facilitating learning spaces
- Roadmap for major learning platforms
- Supporting distributed development.

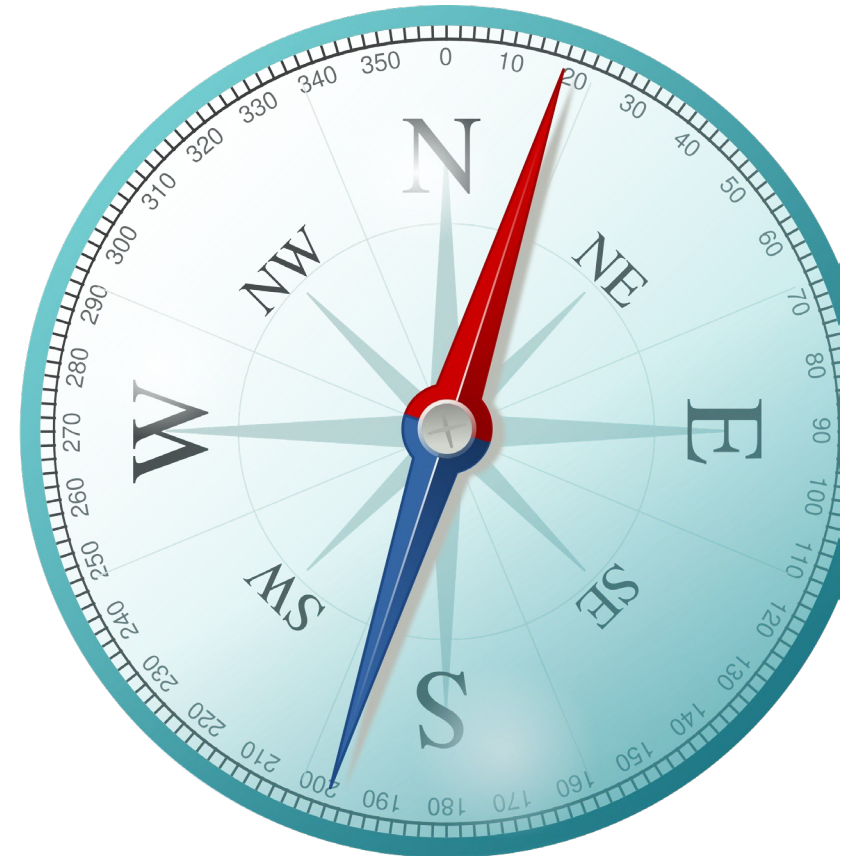
## Admin Applications

- Optimizing, application portfolio
- Addressing technical debt
- Enabling process improvement.

# Deliverables

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- Potential quick wins
- Overall integrated plan
  - Set of prioritized initiatives by focus area
  - Estimated investments by focus area
- Identification of cross cutting priorities including initiatives to address:
  - Security & risk management
  - Infrastructure
  - AI





# Discussion

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- Clarifying questions about the planning process
- *Table Discussion 1*
  - Feedback on the emerging focus areas
- *Table Discussion 2*
  - Input on the IT Capabilities focus area

# Table Discussion 1 – Review of Focus Areas

- **Assign roles**
  - Notetaker, facilitator, timekeeper, spokesperson
- **Assignment:** Consider the six emerging focus areas for planning
  - **Discuss:** Are there any major topics that might be missing or that you want to confirm will be addressed?
  - Select the **five** topics that are most important to your table
  - **Notetaker** – capture the top five topics identified by your table
  - **Spokesperson** – prepare to summarize what your table identified

# Table Discussion 2 – IT Capabilities

- **Assign roles**
  - Notetaker, facilitator, timekeeper, spokesperson
- **Assignment**
  - For the ***IT Capabilities*** focus area (governance, structure, capabilities, IT processes)
  - **Discuss:**
    - What are the *top three* challenges?
    - What are *three* important changes you'd like the IT strategy to recommend?
  - ***Notetaker*** – capture the top three challenges and changes
  - ***Spokesperson*** – prepare to summarize what your table identified

# Next Steps

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- Group interviews – IT Council & DoIT Managers and Directors
- Interview distributed IT leaders other stakeholders
- Finalize planning areas
- Form work groups

