Penn
Information Systems & Computing

PENN'S TRUSTED IT PARTNER

POSITIONING PENN
FOR THE FUTURE OF
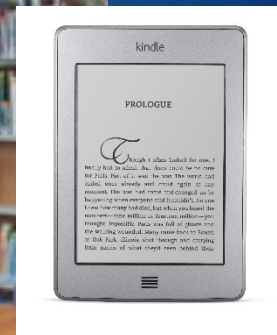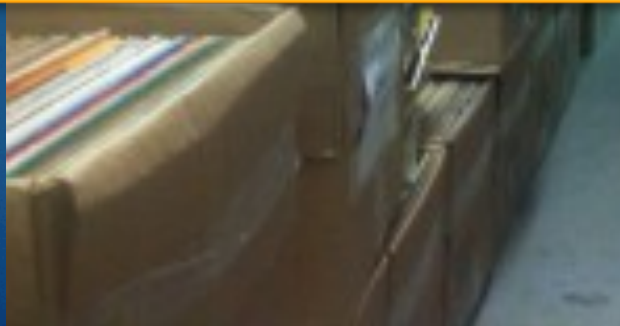# INFORMATION TECHNOLOGY

CLOUD SERVICES
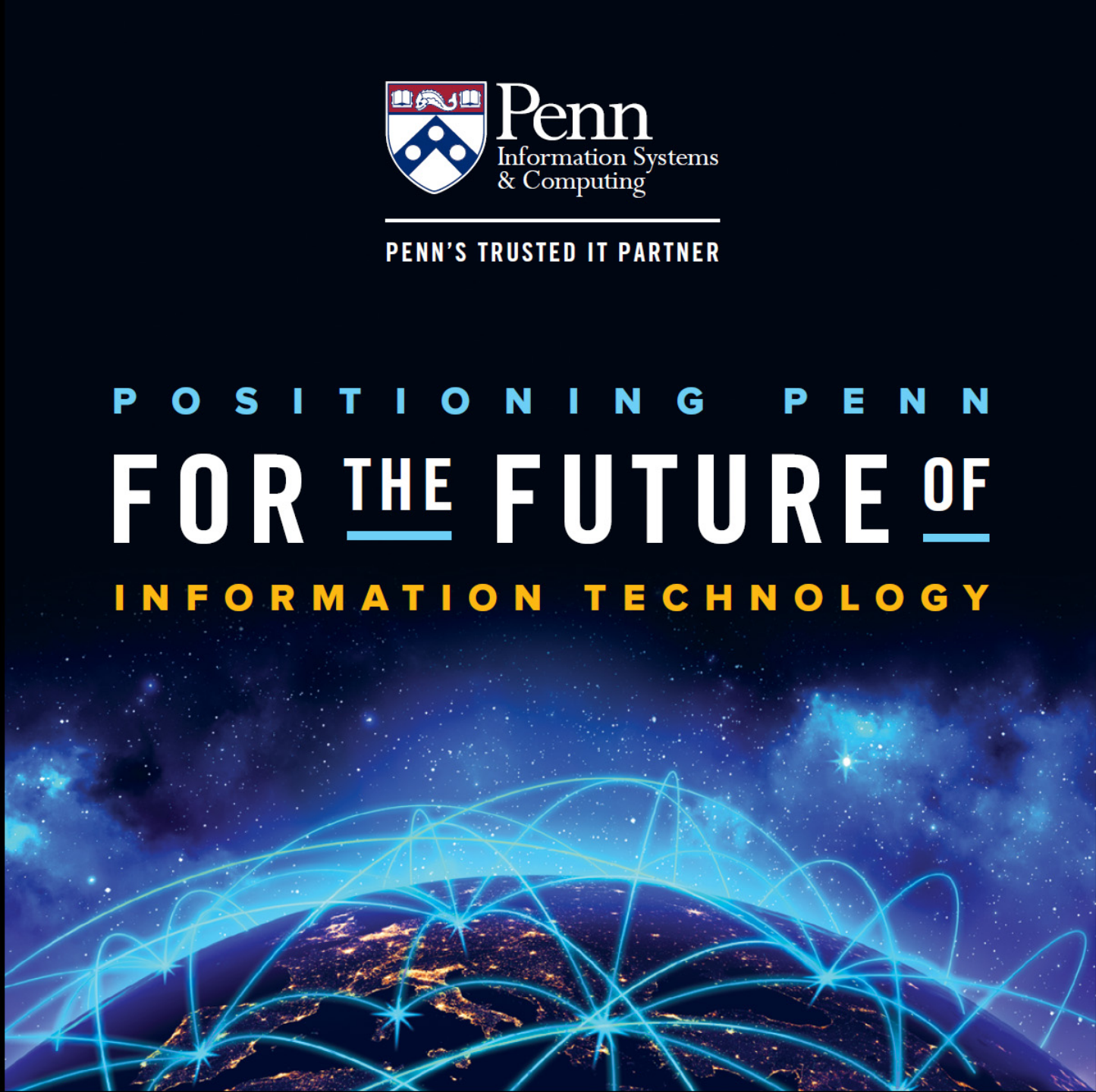
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Behavioral & Cultural Change

Traditional IT

- ▶ Adapt software to the people & processes (customize)
- Controlled & lengthy enhancement and upgrade processes
- Need 100% of desired functionality– try to be perfect and complete
- Local support – IT staff watching the blinking lights
- Capital intensive model

IT As A Service

- ▶ Adapt people & processes to the service (DON'T customize)
- Rapid & iterative improvements and replacement, without local intervention
- 80% is good enough – common solutions, fast & lightweight
- Vendor support – limited ability to manage locally
- Operating expense model

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Resistance Is Futile!

- The industry is moving rapidly to "IT As A Service"
- We will not have a choice in the future
- Penn is already moving in this direction
- We need to get good at this
- Big cultural change – practice practice practice
- Speed, flexibility, agility

ISC's Response – Cloud First

Our Vision:

To position Penn for the future of IT systems & services by pursuing a "Cloud First" strategy to accelerate the speed of delivery and to drive more value through technology to the Penn Community.

Our Goals:

- Help Penn to thrive in the dramatically changing technological landscape – new learning & education delivery models, research models, security and business on demand.

- Provide new and innovative ways to deliver IT in support of Penn's mission, while leveraging industry solutions, in a way that provides scalability, agility, efficiency, staff development, and risk management.

Cloud First

Other ISC Cloud Initiatives

Org Transformation

Funding & Finance

Core Team
Application Design(Tools, Frameworks & Processes)
Infrastructure & Architecture
Integration & Migration
Communications

Contracts and Procurement
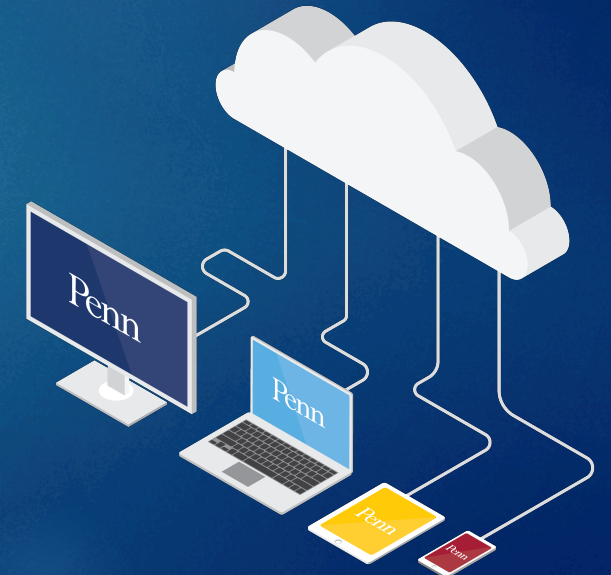
IAM

Security

Program Metrics

Metrics

- ▶ Finish creating and testing environments: Through 9/30/2016
- ▶ Beginning 10/1/2016 move test and development workloads to Amazon Web Services
  - ❑ Targets for 6/30/2017:
    - ➢ 75% of test and development workloads
      - ▪ Stretch target: 100% of test/development
    - ➢ 25% of performance environments
    - ➢ 10% of production environments

Program Metrics

Identify suitable SAAS candidates in conjunction with application rationalization, ISC Survey, AIS and TS input

- Target for 9/30/2016:
  - ❑ Identify six candidates
    - ➢ Stretch: Identify eight candidates
- Target for 6/30/2017:
  - ❑ Migrate six applications
    - ➢ ACD, Panopto, Shadow Planner, Workflow