



cutting through complexity™

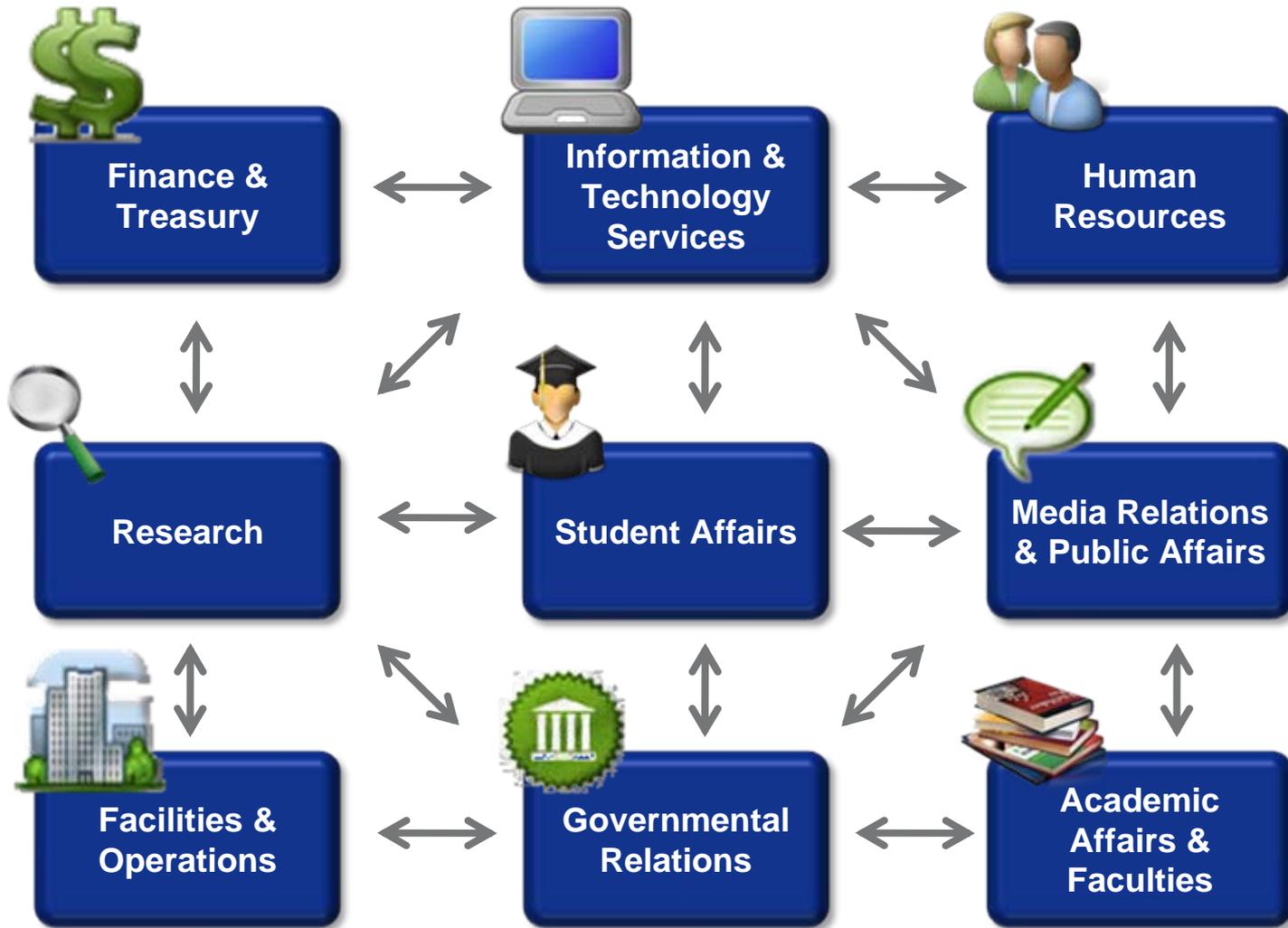
Textbook vs. Reality - Running Security Programmes in Universities

JUCC IS Conference

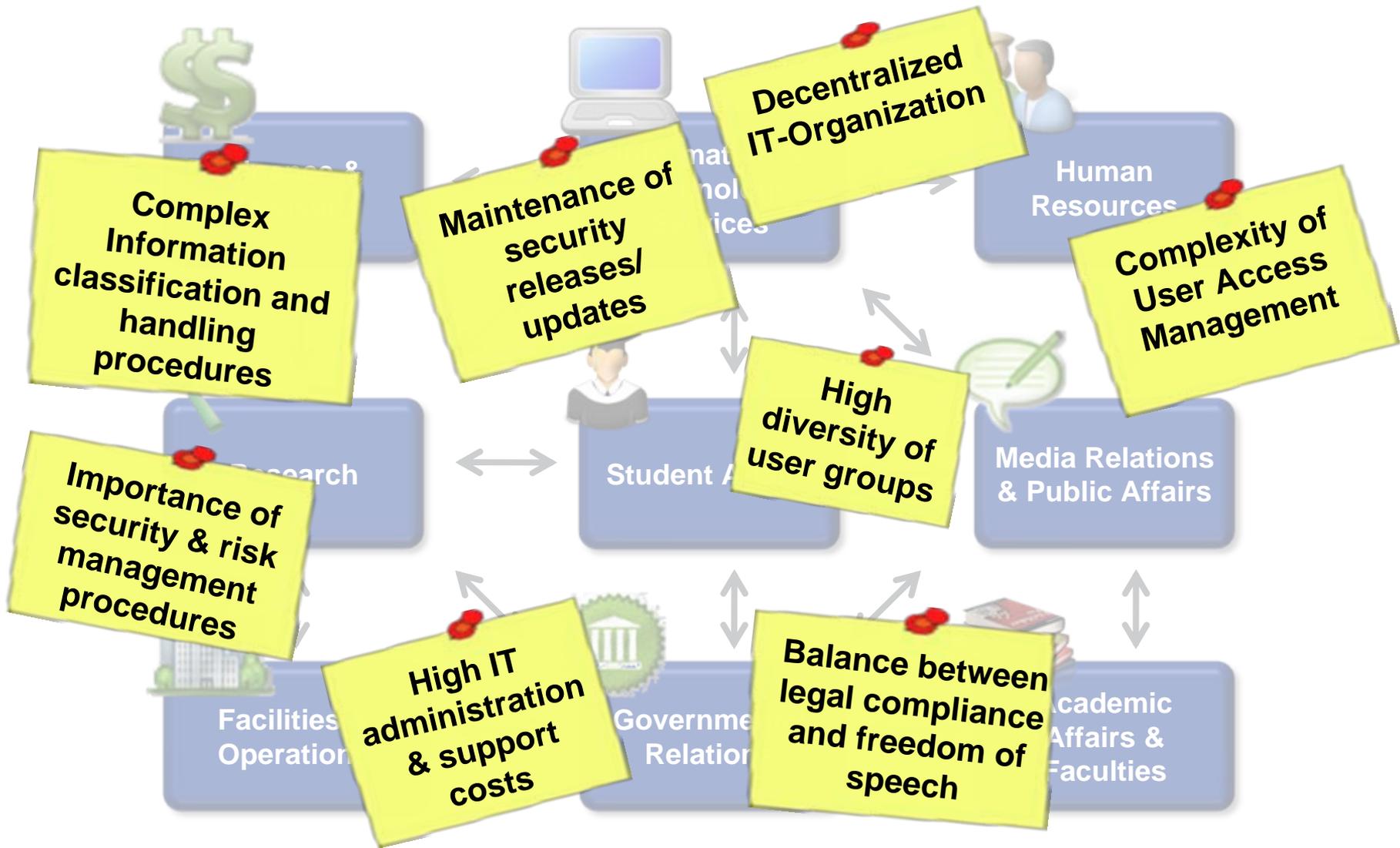
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What is a University?



The Challenges



Issues – Complex Information Classification / Security Levels

Complexity to define information classification/security levels & handling procedures

- Be pragmatic
- Keep it simple
- Do not develop in isolation
- Align as part of an integrated solution – people, process and technology

Complex Information classification and handling procedures



Financial institution classifies applications based upon the information they contain

Issues – Security & Risk Incident Management Procedures

Importance of security and risk incident management procedures due to large amounts of sensitive/confidential data retained at universities

- Rapid response, managed communication
- Clear ownership
- Clear guidance to all staff

Importance of security & risk management procedures



Utilities organisation implements an awareness campaign across their organisation to reduce impact of issues

Issues – IT Administration & Support Costs

High IT administration and support costs due to diversified IT infrastructure and applications in use

- Focus on the priorities
- Technology consolidation
- Process efficiency
- People skills and allocation



Telecommunications organisation reduces the number of support staff and reallocates to delivering business change



Issues – Balance between legal Compliance & Freedom of Speech

Establishing a balance to ensure compliance with legal/data privacy requirements and consider freedom of speech at the same time

- Cross team co-operation
- Better understanding of requirements and potential exposure
- Clear definition of in scope and out of scope activities
- Clear definition of handling complaints and breaches

Balance between legal compliance and freedom of speech



Financial institution implements a review to better understand exposure to Privacy related risks

Issues – Diversity of User Groups

High diversity of user groups with different demands and requirements

- Manage expectations
- Publish available technology related capabilities
- Tiered services, avoid one-size-fits-all
- Determine realistic service levels

High
diversity of
user groups

Global company consolidates to a single set of principles around determining user configurations



Issues – Maintenance of Security Releases/ Updates

Challenge to maintain a consistent & current security release/update level for applications and OS due to large variety and decentralized system “islands”

- Focus on the source of the issue
- Consistent does not mean the same
- De-perimeterised solutions can create secure islands
- Ensure that the status of environment is known and reported



Establishing and enforcing Buy / Sell / Hold lists has reduced systems complexity for many organisations



Issues – IT Organization

Tendency towards decentralized (IT-) organisational structure of universities

- Maintain communication
- Focus on consistent delivery
- Don't necessarily include everything
- Work on balancing performed



Global Bank establishes centres of excellence in combination with localised IT delivery capability

Issues – Complex User Access Management

Complex user access management for IT infrastructure and applications due to highly diversified and fast changing user base

- Exception based processing
- Service based environment
- Focus on the organisation not the technology
- Consider separation of user and access management



Regulatory requirements drive the delivery of Identity and Access Management Solutions

Thank you

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