

### **Data Risk Classification Policy**

Date Established: 05/24/2010

Date Last Updated: 11/28/2017

Category: Information Technology

Responsible Office: Vice President and Chief Information Officer

Responsible Executive: Vice President and Chief Information

Officer

### **Summary**

UB classifies its data into three risk-based categories to determine who is allowed to access the data and what security precautions are required to protect the data. This policy facilitates applying the appropriate security controls to university data and assists data trustees in determining the level of security required to protect data.

### **Policy Statement**

The University at Buffalo (UB, university) is committed to protecting the confidentiality, integrity, and availability of data important to the university's mission. All university data must be classified based on risk category and protected using the appropriate security measures consistent with the minimum standards for the classification category. The standard for protecting the data becomes more stringent as the risk from disclosure increases.

DATA CLASSIFICATION				
Data Risk Classification Category	Minimum Security Standard, per National Institute of Standards and Technology	Risk from Disclosure	Definition	Examples
Categorization and Risk from Disclosure levels use the				
Federal Information Processing Standards (FIPS) 199				

	DATA CLASSIFICATION				
Data Risk Classification Category	Minimum Security Standard, per National Institute of Standards and Technology	Risk from Disclosure	Definition	Examples	
Category 1- Restricted	800-53-I	High	Protection of the data is required by law/regulation. The loss of confidentiality, integrity, or availability of the data or system could have a significant adverse impact on our mission, safety, finances, or reputation.  Restricted data includes the definition of private information in the New York State Security and Breach Notification Act as a foundation: bank account/credit card/debit card numbers, social security numbers, state-issued driver license numbers, and state-issued non-driver identification numbers.  To this list, the university policy adds protected health information (PHI) as defined and regulated by HIPAA, computer passwords, other computer access protection data, and passport numbers.  Category 1- Restricted data are exempt from disclosure/release under the New York State Freedom of Information Law (FOIL). The Information Security Breach and Notification Act requires the university to disclose any breach of the data to New York residents. (State entities must also notify non-residents, see the New York State Information Security Policy.)  Individuals who access, process, store, or in any other way handle Category 1- Restricted data are required to implement controls and security measures as required by relevant laws and/or regulations in addition to any university policy. In instances where laws and/or regulations conflict with university policy, the more restrictive policy, law, or regulation should be enacted.	<ul> <li>Social security number (SSN)</li> <li>Driver license number</li> <li>State-issue non-driver ID number</li> <li>Bank/financial account number</li> <li>Credit/debit card number (CCN)</li> <li>HIPAA regulated PHI in any form (oral, paper, electronic)</li> <li>Passport number</li> <li>University IT authentication credentials</li> <li>Documents protected by attorney-client privilege</li> <li>Donor contact information and non-public gift information</li> </ul>	
Category 2- Private	NIST 800-53-II	Moderate	Includes university data not identified as Category 1-Restricted data, but includes data protected by state and federal	<ul> <li>FERPA-protected data</li> <li>Gramm-Leach Bliley data</li> </ul>	

	DATA CLASSIFICATION				
Data Risk Classification Category	Minimum Security Standard, per National Institute of Standards and Technology	Risk from Disclosure	Definition	Examples	
			regulations. This includes Family Educational Rights and Privacy Act (FERPA) protected student records and electronic records that are specifically exempted from disclosure by the New York State FOIL.  Private data must be protected to ensure that they are not disclosed in a FOIL request. FOIL excludes data that if disclosed would constitute an unwarranted invasion of personal privacy.  The NIST Special Publication 800-171 Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations maps to the Category 2 - Private data risk classification.	<ul> <li>Final course grades</li> <li>Exam questions or answers</li> <li>HR employment data</li> <li>Law enforcement investigation data, judicial proceedings data includes student disciplinary or judicial action information</li> <li>Public Safety information</li> <li>IT infrastructure data</li> <li>Collective bargaining negotiation data, contract negotiation data</li> <li>Trade secret data</li> <li>Protected data related to research</li> <li>University intellectual property</li> <li>University proprietary data</li> <li>Data protected by external non-disclosure agreements</li> <li>Inter- or intra-agency data which are not: statistical or factual tabulations; instructions to staff that affect the public; final agency policy or determination; external audit data</li> <li>University person number</li> <li>Licensed software</li> <li>Intellectual Property</li> <li>Information created by a health care provider and used or maintained for the purposes of patient treatment, patient payment, or health care provider operations that is not regulated by HIPAA.</li> </ul>	

	DATA CLASSIFICATION				
Data Risk Classification Category	Minimum Security Standard, per National Institute of Standards and Technology	Risk from Disclosure	Definition	Examples	
Category 3- Public	NIST 800-53-III	Low	Includes university data not included in Category 1- Restricted and Category 2- Private, and the data is intended for public disclosure, or the loss of confidentiality of the data or system would have no adverse impact on our mission, safety, finances, or reputation.  Public data includes any data that is releasable in accordance with FOIL. This category also includes general access data, such as that available on unauthenticated portions of institution's website. Public data has no requirements for confidentiality, however, systems housing the data should take reasonable measures to protect its accuracy.	<ul> <li>University financial data or business records available to the public</li> <li>Meeting minutes</li> <li>Administrative process data</li> <li>Data about decisions that affect the public</li> <li>Other university public data</li> <li>General access data, such as that on unauthenticated portions of the institution's website</li> </ul>	

#### Protected Health Information (PHI)

The Health Insurance Portability and Accountability Act (HIPAA) Privacy Rule provides federal protections for personal health information held by covered entities and gives patients an array of rights with respect to that information. At the same time, the Privacy Rule is balanced so that it permits the disclosure of personal health information needed for patient care and other important purposes. Information regulated by HIPAA may be used/maintained/disclosed within or outside of the university only as specifically permitted by the HIPAA regulations.

### **Background**

University academic and administrative data are valuable assets and often contain detailed information about the university, as well as personal information about faculty, staff, students, and other third parties affiliated with the university. Protecting the information is driven by important considerations including legal, academic, financial, reputation, and other business requirements. This policy provides a framework for classifying university data based in its level of sensitivity, value, and criticality. Classifying data helps determine baseline security controls to protect the data.

### **Applicability**

This policy applies to all university data and to all user-developed data sets and systems that may access these data regardless of the environment where the data reside (e.g., cloud systems, servers, personal computers, mobile devices). The policy applies regardless of the media on which data

reside (e.g., electronic, printouts, CD, microfiche) or the form they may take (e.g., text, graphics, video, voice).

Data that is personal to the operator of a system and stored on a university information technology (IT) resource as a result of incidental personal use is not considered university data. University data stored on non-university IT resources must still be verifiably protected according to the respective university minimum security standards.

Failure to adhere to these policies and procedures may result in corrective measures. Corrective measures will be administered to a degree commensurate with the violation and in compliance with applicable collective bargaining agreements and/or applicable laws, regulations, and policies.

### **Definitions**

#### **Category 1- Restricted**

Protection of the data is required by law/regulation. The loss of confidentiality, integrity, or availability of the data or system could have a significant adverse impact on our mission, safety, finances, or reputation.

Restricted data includes the definition of private information in the *New York State Security and Breach Notification Act* as a foundation: bank account/credit card/debit card numbers, social security numbers, state-issued driver license numbers, and state-issued non-driver identification numbers. To this list, university policy adds protected health information (PHI), computer passwords, other computer access protection data, and passport numbers.

Category 1- Restricted data are exempt from disclosure/release under the New York State Freedom of Information Law (FOIL). The Information Security Breach and Notification Act requires the university to disclose any breach of the data to New York residents. (State entities must also notify non-residents, see the New York State Information Security Policy.)

Individuals who access, process, store, or in any other way handle Category 1 Restricted data are required to implement controls and security measures as required by relevant laws and/or regulations in addition to any university policy. In instances where laws and/or regulations conflict with university policy, the more restrictive policy, law, or regulation should be enacted.

#### **Category 2- Private**

Includes university data not identified as Category 1- Restricted data, but includes data protected by state and federal regulations. This includes Family Educational Rights and Privacy Act (FERPA)-protected student records and electronic records that are specifically exempted from disclosure by the New York State FOIL.

Private data must be protected to ensure that they are not disclosed in a FOIL request. FOIL excludes data that if disclosed would constitute an unwarranted invasion of personal privacy.

The NIST Special Publication 800-171 Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations maps to the Category 2 - Private data risk classification.

#### Category 3- Public

Includes university data not included in Category 1- Restricted and Category 2- Private, and the data is intended for public disclosure, or the loss of confidentiality of the data or system would have no adverse impact on our mission, safety, finances, or reputation.

Public data includes any data that is releasable in accordance with FOIL. This category also includes general access data, such as that available on unauthenticated portions of institution's website. Public data has no requirements for confidentiality, however, systems housing the data should take reasonable measures to protect its accuracy.

#### Data Managers

University officials and their staff who have operational-level responsibility for information management activities related to the capture, maintenance, and dissemination of data.

#### Data Owner

The University at Buffalo is considered the data owner of all university institutional data; individual units or departments may have stewardship responsibilities for portions of the data.

#### **Data Stewards**

University officials who have planning and policy-level responsibilities for data in their functional areas.

#### **Data Trustees**

Senior leaders of the university (i.e., vice presidents, vice provosts, and deans) who have responsibility for areas that have systems of record.

#### **Data Users**

Individuals who need and use university data as part of their assigned duties or in fulfillment of their role in the university community.

### Responsibility

#### Vice President and Chief Information Officer

• Oversee the implementation of this policy.

#### Data Manager

- Administer activities delegated by data stewards.
- Maintain physical and system security and safeguards appropriate to the classification level of the data in their custody.

#### **Data Steward**

- Manage defined elements of institutional data.
- Implement and apply safeguards that meet or exceed the minimum safeguards for each data classification. Safeguards are determined by the individual unit, but guidance may be provided by the Information Security Office with respect to minimum expectations.

#### Data Trustee

• Ensure that data stewards in their area are compliant with data governance principles.

#### Data User

- Maintain the confidentiality, integrity, and availability of university data.
- Implement appropriate safeguards to protect data.
- Follow all university policies, procedures, and standards related to data security classification and security level, including applicable federal and state laws.

#### Contact Information

#### Office of the Vice President and Chief Information Officer

517 Capen Hall Buffalo, NY 14260 Phone: 716-645-7979 Email: cio@buffalo.edu

Website: http://www.buffalo.edu/ubit.html

### **Information Security Office**

201 Computing Center Buffalo, NY 14260 Phone: 716-645-6997

Email: <a href="mailto:sec-office@buffalo.edu">sec-office@buffalo.edu</a>
Website: <a href="http://security.buffalo.edu">http://security.buffalo.edu</a>

### **Related Information**

#### **University Links**

Data Risk Classification Policy Appendix
Freedom of Information Law (FOIL)
Information Security: Data Access and Security Policy
Protection of University Data Policy

#### **Related Links**

Family Educational Rights and Privacy Act (FERPA) (<a href="https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html">https://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html</a>)
Freedom of Information Law (Foil) Procedures <a href="http://docs.nycenet.edu/docushare/dsweb/Get/Document-84/D-110\_1-9-03.pdf">http://docs.nycenet.edu/docushare/dsweb/Get/Document-84/D-110\_1-9-03.pdf</a>

Gramm-Leach Bliley Act (https://www.ftc.gov/tips-advice/business-center/privacy-and-security/gramm-leach-bliley-act)

HIPAA regulated Protected Health Information (https://www.hhs.gov/answers/hipaa/what-is-phi/index.html)

New York State Freedom of Information Law (FOIL) (https://www.dos.ny.gov/coog/foil2.html)

New York State Information Security Policy (https://its.ny.gov/eiso/policies/security)

New York State Office of Information Technology Services Information Classification Standard (https://its.ny.gov/document/information-classification-standard)

New York State Security and Breach Notification Act (https://its.ny.gov/eiso/breach-notification)
NIST Special Publication 800-171 Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations (http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-171.pdf)

### History

November 2017

Full review. Updated the policy to:

- change the title of the policy from Data Classification Standard/Data Use Standard to Data Risk Classification
- change the number of classification categories from four (i.e., Category I: Regulated Private Data; Category II: Protected Data; Category III: Internal Use Data; Category IV: Public Data) to three (i.e., Category 1 Restricted, Category 2 Private, Category 3 Public); this change aligns the UB categories with the New York State Office of Information Technology Services Information Classification Standard
- revise data role terminology
- add HIPAA compliance reference
- provide additional data risk classification guidance including
  - FIPS 199 Security Categorization Definitions
  - Security Standard Crosswalks
  - Example Templates

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## Appendix A: FIPS 199 Security Categorization Definitions

FIPS 199 Security Categoriz	ation Definitions		
Security Objective	Low	Moderate	High
Confidentiality	The unauthorized	The unauthorized	The unauthorized
Preserving authorized	disclosure of	disclosure of	disclosure of
restrictions on	information could be	information could be	information could be
information access and	expected to have a	expected to have a	expected to have a
disclosure, including	limited adverse	serious adverse	catastrophic adverse
means for protecting	effect on	effect on	effect on
personal privacy and	organizational	organizational	organizational
proprietary	operations,	operations,	operations,
information. [44 U.S.C.,	organizational	organizational	organizational assets,
SEC. 3542]	assets, or individuals.	assets, or individuals.	or individuals.
Integrity	The unauthorized	The unauthorized	The unauthorized
Guarding against	modification or	modification or	modification or
improper information	destruction of	destruction of	destruction of
modification or	information could be	information could be	information could be
destruction, and	expected to have a	expected to have a	expected to have a
includes ensuring	limited adverse	serious adverse	catastrophic adverse
information	effect on	effect on	effect on
non-repudiation	organizational	organizational	organizational
and authenticity.	operations,	operations,	operations,
[44 U.S.C., SEC. 3542]	organizational	organizational	organizational assets,
	assets, or individuals.	assets, or individuals.	or individuals.
Availability	The disruption of	The disruption of	The disruption of
Ensuring timely and	access to or use of	access to or use of	access to or use of
reliable access to and	information or an	information or an	information or an
use of information.	information system	information system	information system
[44 U.S.C., SEC. 3542]	could be expected to	could be expected to	could be expected to
	have a limited	have a serious	have a catastrophic
	adverse effect on	adverse effect on	adverse effect on
	organizational	organizational	organizational
	operations,	operations,	operations,
	organizational assets,	organizational assets,	organizational assets,
	or individuals.	or individuals.	or individuals.

#### **Additional References:**

- 32 CFR Part 2002, Controlled Unclassified Information. https://www.law.cornell.edu/cfr/text/32/part-2002
- Federal Information Security Modernization Act of 2014 (P.L. 113-283), December 2014.

- http://www.gpo.gov/fdsys/pkg/PLAW-113publ283/pdf/PLAW-113publ283.pdf
- Executive Order 13556, Controlled Unclassified Information, November 2010. http://www.gpo.gov/fdsys/pkg/FR-2010-11-09/pdf/2010-28360.pdf
- Executive Order 13636, Improving Critical Infrastructure Cybersecurity, February 2013. http://www.gpo.gov/fdsys/pkg/FR-2013-02-19/pdf/2013-03915.pdf
- National Institute of Standards and Technology Federal Information Processing Standards
   Publication 200 (as amended), Minimum Security Requirements for Federal Information and
   Information Systems. <a href="http://csrc.nist.gov/publications/fips/fips200/FIPS-200-final-march.pdf">http://csrc.nist.gov/publications/fips/fips200/FIPS-200-final-march.pdf</a>
- National Institute of Standards and Technology Special Publication 800-53 (as amended), Security and Privacy Controls for Federal Information Systems and Organizations. http://dx.doi.org/10.6028/NIST.SP.800-53r4
- National Institute of Standards and Technology Special Publication 800-60 (as amended), Guide for Mapping Types of Information and Information Systems to Security Categories, Volume 1.
- http://csrc.nist.gov/publications/nistpubs/800-60-rev1/SP800-60 Vol1-Rev1.pdf
- National Institute of Standards and Technology Special Publication 800-60 (as amended), Guide for Mapping Types of Information and Information Systems to Security Categories, Volume 2.
- http://csrc.nist.gov/publications/nistpubs/800-60-rev1/SP800-60\_Vol2-Rev1.pdf
   6. National Institute of Standards and Technology Framework for Improving Critical Infrastructure Cybersecurity (as amended). http://www.nist.gov/cyberframework
- Committee on National Security Systems Instruction 4009 (as amended), National Information Assurance Glossary. <a href="https://www.cnss.gov">https://www.cnss.gov</a>
- National Institute of Standards and Technology Special Publication 800-171
- New York State Freedom of Information Law

### Appendix B: Security Standard Crosswalks

NIST Special Publication 800-171 – Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations

Special Publication 800-171

Protecting Controlled Unclassified Information in Nonfederal Information Systems and Organizations

Table D-11: Mapping Risk Assessment Requirements to Security Controls

CUI SECURITY REQUIREMENTS		NIST SP 800-53 Relevant Security Controls		ISO/IEC 27001 Relevant Security Controls		
3.11 RISK ASSESSMENT	3.11 RISK ASSESSMENT					
Basic Security Requirements						
3.11.1 Periodically assess the risk to organizational operations (including mission, functions, image, or reputation), organizational assets, and individuals, resulting from the operation of organizational information systems and the associated processing, storage, or transmission of CUI.		Risk Assessment	A.12.6.1*	Management of technical vulnerabilities		
Derived Security Requirements						
3.11.2 Scan for vulnerabilities in the information system and applications periodically and when new vulnerabilities	RA-5	Vulnerability Scanning	A.12.6.1*	Management of technical vulnerabilities		
affecting the system are identified.	RA-5(5)	Vulnerability Scanning Privileged Access	No direct ma	pping.		
3.11.3 Remediate vulnerabilities in accordance with assessments of risk.	RA-5	Vulnerability Scanning	A.12.6.1*	Management of technical vulnerabilities		

Source: <a href="http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-171.pdf">http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-171.pdf</a>

NIST Special Publication 800-53 (Rev. 4) - Security Controls and Assessment Procedures for Federal Information Systems and Organizations

# RA-3 RISK ASSESSMENT

Family: RA - RISK ASSESSMENT

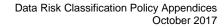
Class:

Priority: P1 - Implement P1 security controls first.

Baseline Allocation: Low Moderate High

A-3 RA-3 RA-3

Source: <a href="https://nvd.nist.gov/800-53/Rev4/control/RA-3">https://nvd.nist.gov/800-53/Rev4/control/RA-3</a>



HIPAA Security Rule Crosswalk to NIST Cybersecurity - Category: Asset Management (ID.AM)

Category	Subcategory	Relevant Control mappings
Asset Management (ID.AM): The data, personnel, devices, systems, and facilities that enable the organization to achieve business purposes are identified and managed consistent with their relative importance to business objectives and the organization's risk strategy.	ID.AM-5: Resources (e.g., hardware, devices, data, and software) are prioritized based on their classification, criticality, and business value	<ul> <li>COBIT 5 APO03.03, APO03.04, BAI09.02</li> <li>ISA 62443-2-1:2009 4.2.3.6</li> <li>ISO/IEC 27001:2013 A.8.2.1</li> <li>NIST SP 800-53 Rev. 4 CP-2, RA-2, SA-14</li> <li>HIPAA Security Rule 45 C.F.R. § 164.308(a)(7)(ii)(E)</li> </ul>

 ${\bf Source: \underline{https://www.hhs.gov/sites/default/files/nist-csf-to-hipaa-security-rule-crosswalk-o2-\underline{22-2016-final.pdf}}$ 

#### **Additional References:**

https://www.hhs.gov/sites/default/files/nist-csf-to-hipaa-security-rule-crosswalk-02-22-2016-final.pdf http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-171.pdf

ISO/IEC 27001 Relevant Security Controls - A.12.6.1\* Management of technical vulnerabilities

### Appendix C: Example Templates

**Risk Classifications:** The University has classified its information assets into risk-based categories for the purpose of determining who is allowed to access the information and what security precautions must be taken to protect it against unauthorized access.

Low Risk	Moderate Risk	High Risk
Data and systems are classified as Low Risk if they are not	Data and systems are classified as Moderate Risk if they are not	Data and systems are classified as High Risk if:
considered to be Moderate or High Risk, and:	considered to be High Risk, and:  1. The data is not	Protection of the data is required by
The data is intended for public disclosure, or	21 1110 01010 10 1101	law/regulation,
2. The loss of confidentiality, integrity, or availability of the data or system would have no adverse impact on our mission, safety, finances, or	2. The loss of confidentiality, integrity, or availability of the data or system could have a mildly adverse impact on our mission, safety,	2. University is required to self-report to the government and/or provide notice to the individual if the data is inappropriately accessed, or
reputation.	finances, or reputation.	3. The loss of confidentiality, integrity, or availability of the data or system could have a significant adverse impact on our mission, safety, finances, or reputation.

### **Data Risk Classification Examples**

Use the examples below to determine which risk classification is appropriate for a particular type of data. When mixed data falls into multiple risk categories, use the highest risk classification across all.

Research data (at data owner's owner's discretion)  SUNet IDs Information authorized to be available on or through University's website without SUNet ID authentication Policy and procedure manuals owner as public University University contact information not designated by the individual as "private" in University Information in the public domain Publicly Information Informati

**Server Risk Classification Examples**A server is defined as a host that provides a network accessible service.

**Application Risk Classification Examples**An application is defined as software running on a server that is network accessible.

Low Risk	Moderate Risk	High Risk
<ul> <li>Applications</li> </ul>	<ul> <li>Applications</li> </ul>	<ul> <li>Applications</li> </ul>
handling Low	handling	handling High
Risk Data	Moderate	Risk Data
<ul> <li>Online maps</li> </ul>	Risk Data	<ul><li>Human</li></ul>
<ul> <li>University online</li> </ul>	<ul><li>Human</li></ul>	Resources
catalog displaying	Resources	application that
academic course	application	stores
descriptions	that stores	employee SSNs
<ul> <li>Bus schedules</li> </ul>	salary	<ul> <li>Application that</li> </ul>
	information	stores campus
	<ul><li>Directory</li></ul>	network node
	containing phone	information
	numbers, email	<ul> <li>Application</li> </ul>
	addresses, and	collecting
	titles	personal
	<ul><li>University</li></ul>	information of
	application that	donor, alumnus, or
	distributes	other individual
	information in the	<ul> <li>Application that</li> </ul>
	event of a campus	processes credit
	emergency	card payments
	<ul> <li>Online</li> </ul>	
	application	
	for student	
	admissions	

**Approved Services Example Template:** This table indicates which classifications of data are allowed on a selection of commonly used approved university IT services.

Service	Low Risk	Moderate Risk	High Risk: Non-PHI <sup>1</sup>	High Risk: PHI
Audio and Video Conferencing:	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Infrastructure	<b>✓</b>	<b>√</b>	<b>√</b>	
Backups:	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>
Content Management:	<b>✓</b>	<b>✓</b>		
Content Management:	<b>✓</b>	<b>✓</b>		
Calendar:	<b>&gt;</b>	<b>✓</b>		
Database Hosting:	<b>&gt;</b>	<b>✓</b>		
Document Management:	<b>&gt;</b>	<b>✓</b>	*	
Document Management:	<b>&gt;</b>	<b>✓</b>	<b>√</b>	<b>✓</b>
Document Management:	<b>&gt;</b>	<b>√</b>	*	
Document Management:	<b>&gt;</b>	<b>✓</b>	*	
Email:	<b>&gt;</b>	<b>✓</b>		
Email:	<b>&gt;</b>	<b>✓</b>		
Email:	<b>&gt;</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Email:	<b>✓</b>	<b>√</b>		
Encryption:	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Encryption:	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Encryption:	<b>√</b>	<b>√</b>		
File Storage:	<b>√</b>	<b>√</b>		
File Storage:	<b>√</b>	<b>✓</b>	<b>√</b>	<b>✓</b>
File Storage:	<b>√</b>	<b>√</b>		

Service	Low Risk	Moderate Risk	High Risk:	High Risk: PHI
			Non- PHI <sup>1</sup>	
File Storage:	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
File Transfer:	<b>√</b>	<b>√</b>	<b>√</b>	<b>√</b>
Form Builder:	<b>✓</b>	<b>√</b>		
Google	<b>✓</b>	<b>√</b>		
Instant Messaging:	<b>✓</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Issue Tracking:	<b>/</b>	<b>√</b>		
Microsoft Azure	<b>✓</b>	<b>√</b>		
Network Access Control:	<b>/</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Request Tracking:	<b>✓</b>	<b>√</b>		
Shared Computing:	<b>✓</b>	<b>√</b>		
University Profiles:	<b>✓</b>			
Survey Tool:	<b>/</b>	<b>√</b>		<b>√</b>
Voice Messaging	<b>✓</b>	<b>√</b>		
VPN	<b>√</b>	<b>√</b>	<b>√</b>	<b>✓</b>
Web Programming:	<b>√</b>	<b>√</b>		
Wiki: Confluence	<b>✓</b>	<b>√</b>		
<sup>1</sup> Payment Card Industry (PCI) data	a has special regul	atory requiremer	nts that preclu	ide using

 $<sup>^{1}</sup>$  Payment Card Industry (PCI) data has special regulatory requirements that preclude using the services above. Contact the PCI team for assistance with handling this type of data.

Source: Stanford University

<sup>\*</sup> High Risk Data not currently permitted, pending Data Loss Prevention (DLP) solution deployment.