ITS Executive Steering Committee (ITESC)

Agenda and Materials – October 25, 2018



Agenda

Preferred Names & Pronouns

• B. Montes, W. Rodriquez

ITESC Committees

• S. Malisch

Loyola Digital Experience

• S. Malisch, D. Vonder Heide, J. Sibenaller

Voice Recognition - Parlance

• D. Vonder Heide

Information Security Improvements – Progress Update

• J. Sibenaller

Disaster Recovery

• J. Sibenaller

Preferred Names & Pronouns

- Background
 - Faculty Requests
 - Student Requests
 - Staff Requests
- Activities
 - ITS Sources of Names at LUC
 - ITS Systems of Display
 - Student Development
 - Other References



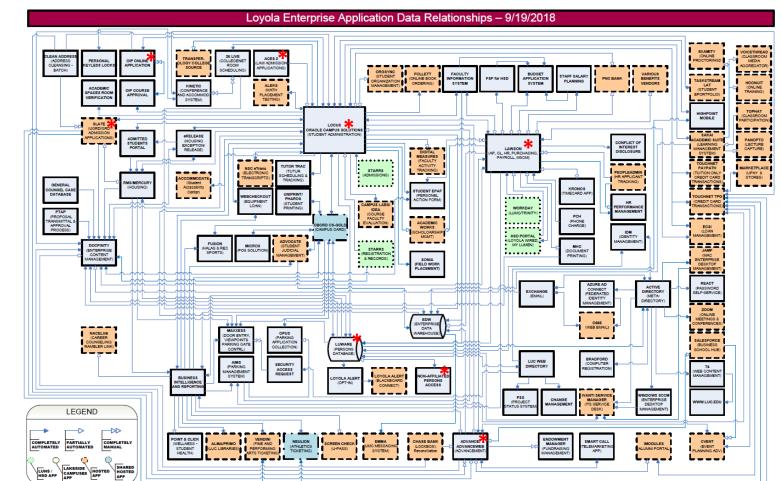
Preferred Names & Pronouns

Name Sources (Primary Name Entry Source - Origin)

- SLATE (Students)
 - Feeds: Locus, Advance
- LAWSON (Employee)
 - Feeds: LOCUS, LUWare, Kronos?
- NAP (Contactors/Faculty/etc)
 - Feeds: LOCUS (Manual)
- LOCUS (quick admit and other schools)
 - New faculty directly in LOCUS (Manually)
 - NAPS directly in LOCUS
 - Feeds: ETC...
- MCAS/LSAC (Med/Law school)
 - Law Feeds: LOCUS
 - MedFeeds: LOCUS
- ADVANCE
 - Feeds: EDW/ADW
- Study Abroad for OIP
 - Feeds: LOCUS

LUWARE

- Two-Way: Web Directory
- Feeds: IDM
- *** Additional Feeds Marked on flow



Loyola Confidential Information – DO NOT DISTRIBUTE

Preferred Names & Pronouns

Places to Change Name:

- •LWD (directory)
 - •User changeable for preferred
 - •Only available for permanent faculty/staff
 - •Cheryl and Charlotte

•LOCUS

- •Legal name requires RegRec Form
- •Considering Self-Service for Preferred Name
- •Larry & Charlotte

•LAWSON

- •Legal name requires HR Form
- •John

•ADVANCE

- •Change but does not flow
- •John
- •EMAIL (Display name)
 - •Change but functionality turned off

•Jeff

- •Sakai (Not a change system)
 - •Tim



Other References

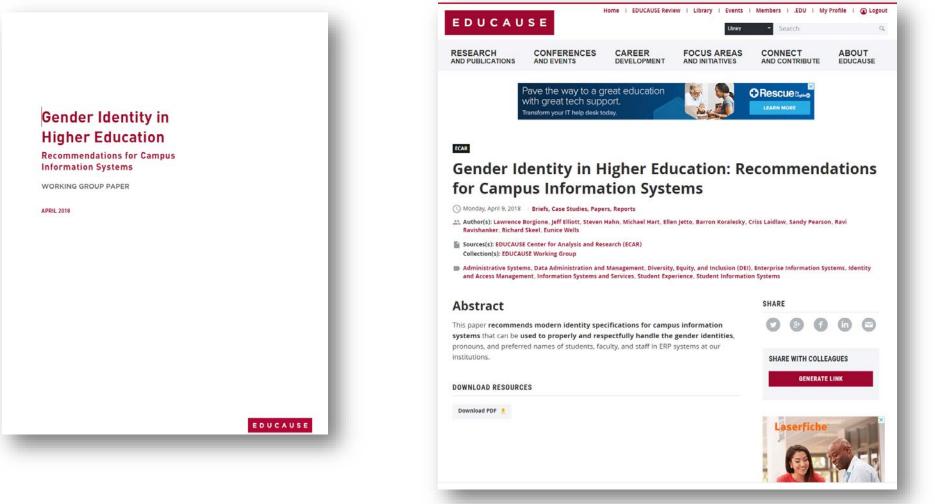
https://www.uwrf.edu/Registrar/CurrentStudents/AcademicPoliciesandRecords/PreferredNamePolicy.cfm

| WISCONSIN River | Falls | RESOURCES FO | R QUICK LINKS GIVING | TRANSLATE SEARCH |
|-------------------------------------|---|--|--|---|
| Academics | Admissions | Campus Life | Athletics | About UWRF |
| UWRF > Registrar > Current Students | > Academic Policies and Re | cords | | |
| cademic Policies and ecords | Preferred Nat | and the second | mentation of the Preferred I | lame Policy in September 2017. The |
| Academic Merit | goal of the Preferred Na preferred name whereve | me Policy is a consistent prefe | rred name experience across v necessary. The university's | university systems and use of one's infrastructure is multi-faceted and |
| Academic Suspension Appeal | Martin and American Carlos and | | | - |
| Grades, Grade Reports, and GPA | The preferred first and/ | st and Middle Na or middle name policy allows st ty regardless of whether they h | udents to indicate their pref | erred first and/or middle name to |
| Major, Minor, Advisor, Catalog Year | State State State | y regardless of whether drey in | ave regariy changed their ha | |
| Changes Medical Withdrawal | | | | legal names to identify themselves se to identify themselves within the |
| Name Change Policy | university community w | ith a preferred first and/or mid | dle name that differs from th | eir legal name. As long as the use o it will appear instead of the person' |
| Preferred Name Policy | legal name in university university business or le | related systems and document gal need. | s except where the use of th | e legal name is required by |
| Second Degree Policy | Frequently Asked Quest | ions | | |
| Unofficial Withdrawal | + How do I set a pr | eferred name? | | |
| Withdrawal from the University | + Do I have to ente | r a preferred name? | | |
| | + Can I use my pref | erred name for everything at t | he university? | |
| | + Who has access t | o my legal and preferred name | \$? | |
| | + When will my pre | ferred name show up on my cl | ass roster? | |
| | + Will my preferred | I name appear in the UWRF Di | ectory? | |
| | + How long will it t | ake for my preferred name to a | tart appearing in campus sy | stems? |
| | + How many times | may I change my preferred nar | ne? | |
| | + May I change my | preferred name to whatever i | vant? | |
| | + What happens if | someone enters an inappropria | te preferred name? | |
| | + How do I delete r | | | |



Other References

https://library.educause.edu/resources/2018/4/gender-identity-in-higher-education





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Voice Recognition - Parlance

• D. Vonder Heide

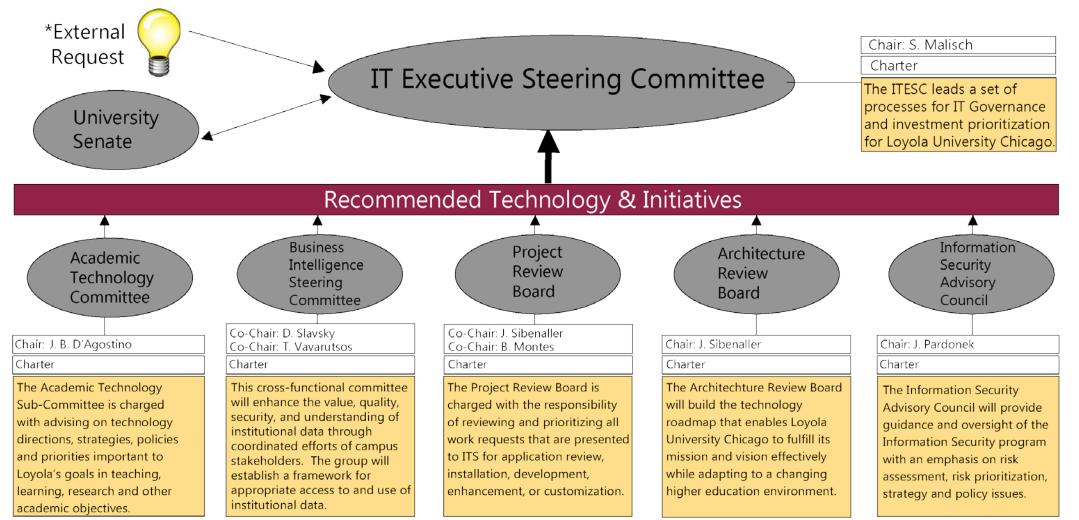
Information Security Improvements – Progress Update

• J. Sibenaller

Disaster Recovery



Information Technology Steering Committee Structure





Information Technology Executive Steering Committee

Chair – Susan Malisch

| Area | Member |
|---|--------------------------------------|
| Administrative Services | Tom Kelly |
| Advancement | Jamie Orsini |
| Enrollment Management and Student Success | Paul Roberts |
| Facilities | Kana Henning |
| Finance | Teresa Krafcisin Wayne Magdziarz |
| Acting Provost | Margaret Callahan |
| Provost Office Representatives | David Slavsky |
| Human Resources | Winifred Williams Danielle Hanson |
| ITS | Jim Sibenaller |
| Student Development | Jane Neufeld |
| University Marketing and Communications | Jeremy Langford |



Academic Technology Committee

Chair – Jo Beth D'Agostino

| School/Area | Member | Alternate | School/Area | Member | Alternate |
|-----------------------|---------------------|----------------|----------------------------|-----------------|-----------------|
| Academic Affairs | Matthew Thibeau | Terry Moy | Quinlan School of Business | Fred Kaefer | Nenad Jukic |
| Bioethics | Kayhan Parsi | Bob Johnson | SCOMM | Jamason Chen | Aaron Greer |
| CAS – Science | Holly Dimtropoulous | Robert McNees | SCPS | Kelly Barry | Jeanne Widen |
| CAS – Social Science | Dana Garbarski | Maribeth Rezey | SOE | Seungho Moon | Eilene Edejer |
| CAS – Humanities | Kyle Roberts | David Dennis | Law School | James Faught | Mike Lonero |
| Grad School & ORS | Jessica Horowitz | | Law School – Online | Barbara | |
| ITS – Academic | Bruce Montes | Tim Walker | | Youngberg | |
| ITS – Infrastructure | Dan Vonder Heide | Jeff Apa | SON | Holly O'Connor | Stacey Zurek |
| Institute of | | · · | sowк | Michael Dentato | Johnathan Singe |
| Environmental Science | | | SSOM | Amy Hoyt | Susan Crowell |
| Office of Online | | | Libraries | Hong Ma | Margaret Heller |
| Learning | | | | | |



Business Intelligence Steering Committee

Co-Chairs – David Slavsky and Tony Vavarutsos

| School/Area | Member |
|--|-------------------------------|
| Academic Advising and Services* | Shawna Cooper-Gibson |
| Advancement | Michael Halverson |
| College of Arts & Sciences, Chair Biology* | Jim Cheverud |
| Enrollment Management | Tim Heuer |
| Finance | Becky Gomez Ben Smigielski |
| Health Sciences Division | Ron Price |
| Human Resources | Danielle Hanson |
| Information Technology Services | Bruce Montes |
| Office of Institutional Effectiveness | Ping Tsui |
| Quinlan School of Business* | Kevin Stevens |
| Registration and Records | Kris Daggett |

*Rotating Positions - will be reviewed periodically and will be staffed based on relevant knowledge of data, insight, or expertise that may be helpful to advance current priorities.



Project Review Board

Co-Chairs – Jim Sibenaller and Bruce Montes

| Area | Member | Alternate |
|----------------------------|----------------------------|------------------|
| Academic Advising Services | Shawna Cooper-Gibson | Betsi Burns |
| Advancement | Michael Halverson | Matt Johnson |
| Enrollment Management | Tim Heuer | |
| Facilities | Peter Schlecht | Hamlet Gonzalez |
| Financial Systems | Rebecca Gomez | Tracy Snowberger |
| Human Resources | Danielle Hanson | |
| Marketing & Communications | John Drevs | |
| Provost Office | TBD | |
| Registration & Records | Kris Daggett | |
| Student Development | Shannon Howes | Jeff Terpstra |
| Student Financials | John Campbell | |
| TBD | Project Sponsors as needed | |



Architecture Review Board

Chair – Jim Sibenaller

| Area | Member |
|---------------------------------------|------------------|
| ITS - Chief Information Officer | Susan Malisch |
| ITS - Academic & Data Services | Bruce Montes |
| ITS - Enterprise Systems Services | Jim Sibenaller |
| ITS - Infrastructure Systems Services | Dan Vonder Heide |



Information Security Council

Chair – Jim Pardonek

| Area | Member | Alternate |
|--------------------------|-------------------|------------------|
| Advancement | Michael Halverson | TBD |
| Finance | Cory O'Brien | TBD |
| Financial Aid | TBD | |
| Human Resources | Carol Mc Cormack | TBD |
| ITS – Infrastructure | Dave Wieczorek | TBD |
| ITS – Applications | Cheryl Heckel | Charlotte Pullen |
| ITS – Security Office | Cai Wang | None |
| Registration and Records | Diane Hullinger | TBD |
| Risk Management | Sue Bodin | TBD |
| Health Sciences Division | Ron Price | TBD |
| Library | Hong Ma | Margaret Heller |
| Ex-Officio | Jim Sibenaller | None |



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Disaster RecoveryJ. Sibenaller





Loyola's technology architecture strategy supports

Schedules which are 24/7 in nature (Anytime) An LUC Community which is mobile (Anywhere) Straightforward and appropriate access to systems (Access) Students/Faculty/Staff/Alums/Friends... "Technology at Loyola enables me to fulfill my relationship in a simple, secure and seamless way."

Regardless of where I am, I can:

- **Collaborate** with students, faculty and staff via meetings or 1:1 (video conference, share files and research data securely)
- **Complete** business with Loyola (apply to Loyola, schedule a visit, sign up for events, register for classes, view grades, pay my bill, donate, etc.)
- Conduct self-service activities (reset my password, reserve a meeting space or digital media equipment, access reporting, etc.)
- Connect to my Loyola services without intervention from any device



Sunset the Anytime Anywhere Access Strategy

| Accessibility | Partial DR plans and environments Help desk password reset Single/two factor authentication, VPN certificate | Change Initiatives to Move to Future State Identity & Access Management Remote Application Access Application Virtualization Portal Technology Assessment Inter-Campus Connectivity Improvements Wired & Wireless Network Security Improved Device Registration Data Loss Prevention Disaster Recovery Creation of Institutional Dashboards Service Desk/Expanded Self Service Social Media Communications | Single sign-on Accessibility by role Portal/home page Device agnostic Streamlined execution of tas Data easily locatable Unified infrastructure across Virtualized desktop and app Defined, tested and maintain Self-service password reset Multi-factor authentication |
|---------------|--|--|---|
| Security | Basic information security awareness Complicated security architecture Reactive security actions/protection Content presentation is inconsistent Support via direct contact Ad-hoc service definitions Decentralized technology services support Institutional data dispersed | Password Self Service Loyola Secure Access Information Security Awareness Mobile Device Management Mobile Classroom Clickers Systems Upgrades: LOCUS, Lawson, Advance, Kronos, Help Desk, DocFinity | Information Security educat Simplified and transparent s Proactive risk-based security Content presentation is devi Robust self-service support of Well defined service offering Centralized technology servi Self-service reporting and Da |

tasks

oss campuses oplication access tained DR environments

ation program security architecture ity program / decisions

evice/browser agnostic rt environment ngs rvices support Dashboards

Loyola's technology architecture strategy supports

- Schedules which are 24/7 in nature (Anytime)
- An LUC Community which is mobile (Anywhere)
- Straightforward and appropriate access to systems (Access)

Students/Faculty/Staff/Alums/Friends...

"Technology at Loyola enables me to fulfill my relationship in a simple, secure and seamless way."



Developing the next ITS Strategic Direction

Loyola Digital Experience "LDE": Three Themes

- 1. (Foundational): Delivering the Next Best Experience for Students, Faculty and Staff
 - Architecture and Infrastructure
 - Identity and Access Management
 - Security
 - Single Sign On

Microsoft and E5 Bundle

- 2. (Transformational): Data, Dashboards, Digitization, Innovation
 - Data Warehouse; Business Intelligence
 - Decision Support Systems
 - Internet of Things (administrative)
 - Artificial Intelligence, Machine Learning, Augmented/Virtual Reality (academic)
- 3. (Consumable Experience): "Simple, Secure, Seamless"
 - Combining old stuff; Exploiting new stuff -> Enabling better experiences
 - Self-service
 - Device independent
 - Virtualization/Cloud
 - Anytime Anywhere Access
 - "Virtual Portal"
- Subject to adjustment based on priorities of next strategic plan



Microsoft & E5 Bundle Content

Data Loss Prevention Capabilities*

Advanced Reporting

- SUSPICIOUS ACTIVITY ALERTS
- ACTIVITY MONITORING AND REPORTING
- FOCUSED RECOMMENDATIONS

CLOUD APPLICATION SECURITY

- PROTECTION FOR CLOUD-BASED APPS
- IDENTIFY USAGE PATTERNS
- THREAT IDENTIFICATION

CONDITIONAL ACCESS

- LOCATION AND RISK-BASED ACCESS
- DEVICE-BASED ACCESS
- APPLICATION-BASED ACCESS

DATA CLASSIFICATION

- AUTOMATE DOCUMENT CLASSIFICATION
- LABEL BASED ON SENSITIVITY
- AUTOMATE DOCUMENT PROTECTION

Document Tracking

- MONITOR DATA ACCESS PATTERNS
- MONITOR SHARING ACTIVITIES
- REVOKE ACCESS TO DATA/DOCUMENTS

PERSISTENT DATA PROTECTION

- ENCRYPT DATA
- DEFINE USAGE RIGHTS
- PROTECTION STAYS WITH DATA



*Boxes represent unique DLP product capabilities

Microsoft & E5 Bundle Content

Additional Benefits Include*

APPLICATION ACCESS

- SINGLE-SIGN FOR ON-PREMISE APP
- SINGLE-SIGN ON FOR CLOUD APPS
- CENTRALIZED ACCESS MANAGEMENT

MOBILE DEVICE MANAGEMENT

- PROTECT DEVICES AND DATA
- DEPLOY APPLICATIONS
- ENFORCE COMPLIANCE

Multi-Factor Auth

- MULTIPLE VERIFICATION OPTIONS
- ON-PREMISE AND CLOUD BASED APPS
- TRUSTED IP ADDRESS RANGES

PASSWORD SELF-SERVICE

- MULTIPLE AUTHENTICATION METHODS
- POLICIES FOR RETIREES AND ALUMNI
- ENFORCED REGISTRATION

PRIVILEGED ACCESS CONTROLS

- MONITOR ADMINISTRATOR ACCESS
- ON-DEMAND ADMIN RIGHTS
- ADMIN ACCESS WORKFLOW

THREAT PROTECTION

- ENHANCED EMAIL PROTECTION
- Remediation Recommendations
- WORKSTATION BEHAVIOR ANALYSIS



*Each color represents a unique E5 product

Microsoft & E5 Bundle Budget

| | | Funding Amount | Operating Need |
|--------------------------------|---|-------------------|-------------------|
| New Request | Enterprise Mobility + Security - E5 (8,000 users/licenses) | | \$250,000 |
| FY18 Capital Planned | Data Loss Prevention | \$40,000 | \$210,000 |
| (Reallocation of new operating | Mobile Device Management | \$15,000 | \$195,000 |
| received in FY19) | - | \$55,000 | |
| FY19 ITS Budget | Tech Fee | \$97,500 | \$97,500 |
| Technology to Turn Off | Proofpoint | \$65,626 | \$31,874 |
| (Reallocation of Existing ITS | RSA Authentication Manager (for LSA) | \$8,198 | \$23,676 |
| Operating) | React-Password Self Service | \$17,591 | \$6,085 |
| | - | \$91,415 | |
| FY19 ITS Budget | ITS Operating (Amount to Absorb) | \$6,085 | \$0 |



Microsoft & E5 Bundle Proposal

draft - project timeline for E5 licensing - draft

| | 201 | 18 | | 201 | L9 | | | | | | | | | | 202 | 20 | | | | | | | | | | |
|---|-----|------|-----|------|---------|----------------|-----|------|-------|-------|------|------|------|------|------|----------------|-------|------|------|-------|-------|-----|------|--------|------|-----|
| project: | OCT | NOV | DEC | JAN | FEB MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEPT | OCT | NOV | DEC |
| Azure Multi-Factor Authentication and Conditional Access | pl | | | lot | depl | oymen t in) | | D2 | | | | | | | | | | | | | | | | | | |
| Azure Information Protection and Azure Data Loss Prevention | | | | pl | anning | pi | lot | dep | ploym | ent | | | | | | | | | | | | | | | | |
| Exchange Online Migration | pl | anni | ng | pilo | t | | | C | deplo | yment | ; | | | | | | | | | | | | | | | |
| Azure Password Self-service | | | | | | | pl | anni | ng | pil | .ot | dep | loym | ent | - | ralle ratic | | | | | | | | | | |
| Intune(Mobile Device Management) | | | | | | | | | | | plan | ning | pil | lot | dep | loyme | ent | | | | | | | | | |
| Azure Privileged Identity Management | | | | | | | | | | | | | | plan | ning | pil | .ot | dep | loym | ent | | | | | | |
| Exchange Online Protection and Advanced Threat Protection(email gateway) | | | | | | | | | | | | | | | | pl | annir | ng | c | deplo | yment | ; | | | | |
| 0365 Application Portal(single sign-on) | | | | | | | | | | | | | | | | | | plan | ning | | pil | .ot | d | leploy | ment | |

Deployed May, 2013

- Faculty/Staff: On-Premise Exchange 10,120 Accounts
- Students: Exchange Online 53,700 Accounts

Current Hardware

- Refresh Cost \$260,000
- Cost Avoidance in 2019

Benefits of Moving to Exchange Online

- 100 GB Mailbox
- Unlimited Online Email Archiving
- Improved Web Interface / Functionality
- Direct Integration with OneDrive
- Integrated DLP
- GDPR, HIPAA and FERPA Compliant, plus Others





Exchange On-Premise

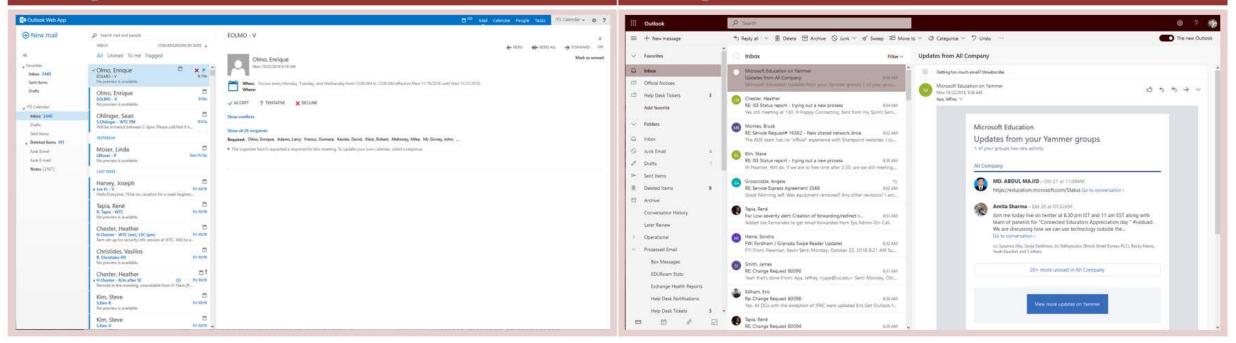
Exchange Office 365

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Exchange On-Premise

Exchange Office 365





Pilot Group Migrated to Exchange Online (Email Team)

- Outlook Desktop Client Updated Automatically to Exchange Online
- Voicemail Requires 2nd Number to Access Voicemail
- Mobile Devices Accounts Need to be Reestablished

Next Assessment Steps Include:

- Work With Outside Vendor for Voicemail Solution
 - Next 30 Days
- Larger Infrastructure Support Services Test Group
 - Next 60 Days
- Bring Findings to ITESC, Cabinet, Deans
 - January 2019
- All ITS Test Group and Friends of ITS
 - Begin Pilot Phase





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Voice Recognition Update

- Parlance is an Interactive Voice Integration (IVI) System
- Offload 50-75% of routine requests from the switchboard
- Answer all calls within 2 rings and connects callers in less than 16 seconds
- Provide a consistent and professional caller experience 24x7
- Experience at the Law School
- Timeline for deployment
- Cost





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Information Security Improvements

| Scope | Improvement | Oct 2018 Status | Action | | | | | |
|---|--|---------------------------------|--|--------|--|--|--|--|
| Identified High Risk Areas | Mandatory Information Security Training - High Risk Areas | Active | Phase 1 Complete - HR Active - Finance, ITS, Enrollment Ops, Student Dev Pending - Provost Office/Reg & Rec Phase 2 Scheduling - HR | | | | | |
| Identified High Risk Areas All Faculty & Staff (partial for Students) Enterprise Technology Changes | Increased Information Security Awareness | Active | 3 Security & Donuts sessions held, remote campuses pending. NCSAM Posters distributed across campuses. October Information Security Newsletter to be distributed with "phishing" post-its. "Student Table" sessions scheduled - Shark visit!! | | | | | |
| | Mandatory Information Security Training - All Faculty-Staff | Active | Training assigned & active for 2300 full & part time faculty & staff, 35% complete. | | | | | |
| | Phish Testing via Social Engineering | Planned (After Thanksgiving) | Execute phishing campaigns consisting of both focused and random attack vectors. | | | | | |
| | Secure How-To Instructions | Active (Setup & Design) | Review the University Web-Site and make sensitive "how-to" instructions not available to the public. | | | | | |
| | Multi-Factor Authentication | Active (Planning Phase) | Enable multi-factor authentication for critical applications, beginning with those that are public facing (available via the internet). | | | | | |
| | Data Loss Prevention | Planned (After MFA) | Implement Data Loss Prevention (DLP)services which will monitor/prevent protected and sensitive information movements within and transfer outside of Loyola's network. | | | | | |
| | Loyola Secure Access Security Improvements | Planned (Nov/Dec 2018) | Improve the security of the Loyola Secure Access, Loyola's virtual private network or VPN, a) Require routine PIN changes, b) Modify 2-factor requirements eliminating the use of email as an option. | | | | | |
| Changes TBD/Advanced | Remove Auto-Forwarding Email Option | Considering | Turn off the ability for users to auto forward emails. | AD 187 | | | | |
| Improvements | Restrict PC Administrative Rights | Considering | Restrict the administrative rights on Loyola computers so that infectious software cannot be installed by users. This will require all software to be installed by Information Technology Services only. | OREN | | | | |

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Disaster Recovery

| | Recovery Time | | Last Review |
|--|-------------------|----------------------------|-------------|
| Technology and Enterprise Business Systems | Objective | Status | Date |
| Enterprise Database Services (Oracle) | Tier 1 (1-5 days) | Annual Review | 10/5/2017 |
| Enterprise Database Services (SQL) | Tier 1 (1-5 days) | Doc Approval | 10/4/2018 |
| Network Services (AD) | Tier 1 (1-5 days) | New DR Plan | |
| Network Services (Core) | Tier 1 (1-5 days) | New DR Plan | |
| Network Services (DNS) | Tier 1 (1-5 days) | Annual Review | 7/11/2017 |
| Network Services (VPN) | Tier 1 (1-5 days) | Doc Approval | 10/24/2018 |
| Learning Mgmt (Sakai LMS) | Tier 1 (1-5 days) | New Vendor Engagement Plan | |
| Payment Gateway (TouchNet Paypath/TPG) | Tier 1 (1-5 days) | New Vendor Engagement Plan | |
| Student Recruiting (SLATE) | Tier 1 (1-5 days) | New Vendor Engagement Plan | |
| Zoom | Tier 1 (1-5 days) | New Vendor Engagement Plan | |
| Email and Voice Mail Systems (Exchange) | Tier 1 (1-5 days) | Annual Review | 10/10/2017 |
| Enterprise Data Warehouse (EDW/ETL) | Tier 1 (1-5 days) | Annual Review | 9/5/2017 |
| Enterprise Database Services (WebFocus) | Tier 1 (1-5 days) | Annual Review | 7/24/2017 |
| HR, Finance, Payroll (Infor/Lawson) | Tier 1 (1-5 days) | Doc Approval | 10/19/2018 |
| LUC.edu Website | Tier 1 (1-5 days) | Annual Review | 10/12/2017 |
| Student System (PS Campus Solutions), including Portal | Tier 1 (1-5 days) | Annual Review | 10/31/2017 |
| Remote Campus Phone and Voice Mail Systems | Tier 1 (1-5 days) | New DR Plan | |
| Timekeeping, Payroll Feed (Kronos) | Tier 1 (1-5 days) | Doc Approval | 10/19/2018 |
| Web Site Maintenance (T4) | Tier 1 (1-5 days) | Doc Approval | 10/16/2018 |
| eCommerce System (CBORD) | Tier 1 (1-5 days) | Remove Tier 1 | |
| Campus Safety Dispatch & Reporting (ARMS) | Tier 1 (1-5 days) | New Tier 1 | |



2018 ITESC Schedule

February 6, 2018 - Tuesday, 1:00-3:00 PM

- BCDR Program Restart
- General Data Protection Regulation
- Workday
- BI
- Student System Upgrade
- Technology Changes for Spring 2018

May 1, 2018 - Tuesday, 1:00-3:00 PM

- GDPR Project Update
- Information Security Program Overview
- ITS Dashboard Pilot

June 20, 2018 - Wednesday, 1:30-3:30 PM

- Disaster Recovery Tier 1
- Project Portfolio Prioritization

August 14, 2018 - Tuesday, 1:00-3:00 PM

- ITESC Committees
- Information Security Improvements

October 25, 2018 - Tuesday, 1:00-3:00 PM

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- Voice Recognition Parlance
- Information Security Improvements

 Progress Update
- Disaster Recovery

December 10, 2018 - Monday, 10:00-12:00 PM

Project Portfolio Prioritization

