SERVICE MAP
A TECHNOLOGY GUIDE TO MAKE YOUR LIFE EASIER

TOP-TIER PRODUCTS THAT MEET YOUR NEEDS

SYSTEMS THAT SUPPORT AND IMPROVE YOUR PRODUCTIVITY

EXPERT ADVICE TO GUIDE YOUR DECISIONS

SECURITY PROTECTION TO EASE YOUR MIND

SOME OF OUR SERVICE PARTNERS

FACILITIES MANAGEMENT

U SAFETY DEPARTMENT

HUNTSMAN CANCER INSTITUTE

UTAH EDUCATION & TELEHEALTH NETWORK

Contact: Ken Pink, Deputy Chief Information Officer
Email: ken.pink@utah.edu | Phone: 801-581-3875

Online guide: bit.ly/uit-service-guide

it.utah.edu
Under the leadership of Chief Information Officer Steve Hess, University Information Technology (UIT) strives to provide stable, dependable, and secure IT access for students, faculty, staff, clinicians, patients, and researchers. As the central IT service provider for campus, UIT is responsible for many of the University of Utah’s most critical common IT resources. Research and high-performance computing, as well as teaching and learning technologies, also have reporting relationships to the UIT organization.

UIT MISSION

1. Support the U’s mission to foster path-breaking scholarship and provide high-quality affordable education and health care.
2. Provide timely, secure, and reliable access to information, communication, and technology services.
3. Extend access of university resources to a diverse constituency regardless of time, place, or device.

UIT VALUES

1. Seek effective solutions that can save time and money, minimize duplication, and improve processes.
2. Solve problems through a consensual, collaborative, best-practices approach.
3. Provide secure, reliable access to information and services.
4. Protect university data and systems while respecting our community’s reasonable expectation of privacy.
5. Keep commitments.
6. Value teamwork and contributions of employees and the campus IT community.
7. Value open, honest communication.
8. Listen.
9. Be rapid followers in adopting leading-edge technology.

EQUITY, DIVERSITY, AND INCLUSION

UIT is committed to creating a workplace culture that values equity, diversity, and inclusion (EDI), and we believe that everyone plays a role in fostering EDI, every day. EDI isn’t just the right thing for our employees and the university community; it’s also the smart thing. It empowers us to provide the best IT services for our students and their families, staff, faculty, clinicians, and patients and their families.

Online guide: bit.ly/uit-service-guide
Common Services

"Out of the box" services that are standardized, e.g., phone, email, and wireless.

End-Point Services

Services that allow our partners to do their day-to-day work.

Note: Fees may be associated with some services, and this list is broadly representative but may not be comprehensive.

06 UIT BY THE NUMBERS
A high-level look at University of Utah-based IT metrics.

08 UIT NEWS AND RESOURCES
We provide a variety of informational resources to help you stay up to speed on UIT news.

09 IT NEEDS ASSESSMENT
We know that selecting and implementing a new technology can be daunting. We can help.

10 DEVICE SUPPORT
Our service techs analyze, troubleshoot, and repair IT systems, hardware, and peripherals.

11 DATA CENTER
The U’s Downtown Data Center meets infrastructure-based computing and storage needs of the university.

12 RESEARCH COMPUTING
We provide research computing and data resources, expertise on high performance computing, virtualization, and support for open and protected or restricted data.

13 UCLOUD
This game-changing, university-wide service uses a new set of technologies, tools, and processes.

14 STRATEGIC PLANNING & PROCESS
Our team partners to discover current processes, then redesigns effective and sustainable future processes that align with strategic goals.

15 SERVICE MONITORING
UIT is committed to unified monitoring and logging with accurate and fast reporting of degraded service.

16 COMMUNICATION TECHNOLOGIES
Whatever your multimedia need, UIT has a solution. We can help you communicate more effectively.

17 SOFTWARE LICENSING
Free or discounted rates for departments and individuals for more widely-used software packages.

18 DATA MANAGEMENT & ANALYTICS
Make better decisions with better data analysis. The BI group converts raw data into business-driving metrics.

19 USS CONTENT MANAGEMENT & USABILITY
From site creation to usability testing to maintenance, we offer full-service website support for the U community.

20 USS STUDENT SYSTEMS
Our team designs, develops, improves and supports student-facing PeopleSoft technologies.

21 USS FINANCE & AUXILIARY SYSTEMS
We support a host of web apps and systems critical to daily operations at the U.

22 USS HR SYSTEMS
One of the many USS groups that supports the U community by developing business-critical and intuitive technologies.

23 STUDENT PROGRAM
UIT’s student employee program focuses on mentoring and providing a hands-on experience.

24 INFORMATION SECURITY
Providing daily operational excellence to ensure the confidentiality, availability, and integrity of IT.
**UIT BY THE NUMBERS**

**NETWORK**
- 60,000-100,000: Unique devices that access U networks on any given day
- 12,000+: Wireless access points as of January 2022
- 267,000+: Wired ports as of January 2022

**RESEARCH COMPUTING**
- 38,500+: Cores supported by UIT’s Center for High Performance Computing 2021
- 220 MILLION+: Core hours, with 5.3M+ jobs run by 1,400 users in 350+ research groups 2021
- 26PB+: Storage, with 6 billion+ files and objects across home, group, scratch, and object spaces 2021

**DOWNTOWN DATA CENTER**
- 24,000+: Square feet as of January 2022
- 5: Megawatts the DDC can scale to if needed (current use is 1.1-1.5 Megawatts) as of January 2022
- 1.4: Power Usage Effectiveness rating January 2022

**STORAGE AND SERVERS**
- 27+: Petabytes of storage used by UIT and Information Technology Services (ITS) 2022
- 800+: Physical servers, UIT and ITS 2022
- 4,000+: Virtual servers, UIT and ITS 2022

**INFRASTRUCTURE**
- 42 MILLION+: Feet of copper cable as of January 2022
- 38 MILLION+: Feet of fiber-optic cable as of January 2022
- 33,000+: Phone lines in use at the university as of February 2022

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*FIGURES ARE APPROXIMATE*
UIT BY THE NUMBERS

**SERVICE MONITORING**
- Devices monitored: 23,000 as of January 2022
- Historical data logged and stored: 180TB as of January 2022
- Campus events indexed per second: 80,000 as of January 2022

**WEBSITES AND APPS**
- Omni CMS websites for U colleges, departments, and organizations: 200+ CY 2021
- Active Omni CMS editors: 290 CY 2021
- Usability participants: 200+ CY 2021

**COMMUNICATION TECHNOLOGIES**
- Box storage used: 400TB+ as of 2021
- Zoom meetings for April 2021 - April 2022 in the main campus account: 651,000+
- Videos uploaded to the Kaltura video platform: 352,000+

**UIT HELP DESK**
- Calls answered: 40,000+ CY 2021
- Emails answered: 9,300+ CY 2021
- Average number of help tickets resolved (industry average is ~65%): 84.6% CY 2021

**INFORMATION SECURITY**
- Phishing emails removed in 2021: 242,000+
- Phishing campaigns identified in 2021: 2,300+
- Logins via Central Authentication Services (CAS) in a typical 24-hour period: 500,000

*FIGURES ARE APPROXIMATE
We provide a variety of informational resources to help you stay up to speed on UIT news.

**UIT EMAIL SERVICE**

Our information email service is open to all faculty, staff, and students. Subscribe by entering your email address in an online form ([bit.ly/UIT-email-form](bit.ly/UIT-email-form)), and opt out at any time.

Subscribers receive monthly Node 4 newsletter emails ([it.utah.edu/node4](it.utah.edu/node4)), as well as occasional UIT announcements like planned service downtime notices. Those interested in the U’s most critical common IT resources may wish to subscribe. The email list provides non-urgent UIT information only.

**UIT UNPLANNED OUTAGE ALERTS AND UPDATES**

NotifyIT alerts (SMS and/or email):
- [bit.ly/NotifyIT-info](bit.ly/NotifyIT-info)

System status web page: [uofu.status.io](uofu.status.io)
- System status Twitter (same information as NotifyIT messages): [twitter.com/uofuitstatus](twitter.com/uofuitstatus)

University application health summary
- (more granular information; campus IP address required): [status.it.utah.edu](status.it.utah.edu)

**MAIN UIT WEBSITES**

- UIT’s main website: [it.utah.edu](it.utah.edu)

Planned downtimes (maintenance events that will cause service outages):

Planned Work & Changes (IT changes not expected to cause service outages):
- [it.utah.edu/help/planned-changes.php](it.utah.edu/help/planned-changes.php)

**DEPARTMENT WEB PAGES**

- Data Management & Analytics: [bi.utah.edu](bi.utah.edu)
- Center for High Performance Computing:
  - [www.chpc.utah.edu](www.chpc.utah.edu)
- Content Management & Usability: [websites.it.utah.edu](websites.it.utah.edu)
- Information Security Office: [security.it.utah.edu](security.it.utah.edu)
- Identity & Access Management (ISO): [identity.utah.edu](identity.utah.edu)
- Network Services: [it.utah.edu/network](it.utah.edu/network)
- Office of Software Licensing: [software.utah.edu](software.utah.edu)
- Project Management Office: [it.utah.edu/pmo](it.utah.edu/pmo)

UIT departments (additional web pages):
- [it.utah.edu/departments](it.utah.edu/departments)

**MISCELLANEOUS**

University of Utah IT Governance program:
- [https://it.utah.edu/cio/it-governance-overview.php](https://it.utah.edu/cio/it-governance-overview.php)
- UIT org chart: [it.utah.edu/orgcharts](it.utah.edu/orgcharts)
- UIT/ITS job openings: [it.utah.edu/about/jobs.php](it.utah.edu/about/jobs.php)
- UIT Student University Development Opportunity program: [sudo.utah.edu](sudo.utah.edu)

Contact: Cassandra Van Buren, Ph.D., Director, UIT Strategic Communication
Email: [cvb@utah.edu](mailto:cvb@utah.edu) | Phone: 801-585-3918

Our product managers and enterprise IT architects work with the campus community to listen, learn, and steer. Team members listen to your needs, learn your work processes, and steer you toward appropriate solutions. A solution can be a collaboration tool, software application, software as a service (SaaS), custom-built technology, hardware component, change in process, or combination of solutions. Our goal is to recommend solutions that address current and future needs your organization may have and foresee.

To determine a solution that’s fit for use and purpose, the product management and IT architecture teams begin with a needs assessment — this is the information-gathering phase. We want to understand how you work so our technology can accelerate your success.

OUR PHILOSOPHY:

LISTEN

We want to know how you work and what you need to do to get your job done. We engage with stakeholders across the campus community to listen to the unique challenges and technical obstacles they face. We do this through established communities of practice, site visits, and regular consultations. Before we can solve a problem, we must understand it. Listening opens the door.

LEARN

Once our team understands your organizational and technical needs, we research and investigate potential solutions. We rely on market research, technical publications, peer institution partnerships, vendor partnerships, and customer feedback to chart a path forward.

STEER

Our objective is to meet your organizational needs. Your perspectives guide discussions, priorities, and projects so that we can deliver technology services that meet and exceed your expectations, and align the university’s strategic goals.

Contact: Dave Huth, Director, Product Management (CTO) Email: dave.huth@utah.edu | Phone: 801-585-9467
DESKTOP/LAPTOP/ MOBILE/TABLET SETUP & SUPPORT

CAMPUS COMPUTER SUPPORT SERVICES

- Hardware installation and support
- Software installation and support
- OS installation and configuration — both imaging and individual installation
- Software and OS upgrades and patching through manual and automated processes
- Server consultation for specialized server or application needs
- Active Directory (AD) organizational unit (OU), group policy, and group preference management
- Connection to file services through AD mappings, Kumo, Box Drive, etc.
- Storage management — on-premises and UBox
- Local and network printer setup and configuration
- Email/PDA integration support
- DHCP/IP management configuration assistance via Infoblox
- Password maintenance
- Virus and spyware protection and removal
- End user software education
- Troubleshooting and problem resolution
- End user security audits
- Email client support and email alias creation and maintenance
- Campus IT support liaison

GIVE US YOUR WISH LIST. WE'LL GET TO WORK.

Contact: Stacey Wood, Manager, Campus Computer Support Email: stacey@utah.edu | Phone: 801-581-3333

Online guide: bit.ly/uit-service-guide
DATA CENTER

THE DOWNTOWN DATA CENTER SIGNIFICANTLY INCREASES THE UNIVERSITY’S STORAGE AND SERVER CAPABILITIES.

BUILDING AT A GLANCE
- 74,000 square feet of reinforced, earthquake-resistant space
- Ample rack space for hosting customer-owned IT equipment
- Controlled environment, power distribution, and cooling
- Professionally managed and monitored
- 24/7/365 accessibility

SERVICES
- Secure data network that ensures information integrity
- Redundant infrastructure that protects mission-critical systems
- Hardware swapping/reconfigurable computing

STORAGE SERVICES
Storage to suit your needs and budget – enterprise, commodity, and free cloud services.

ENTERPRISE
- Best for data that requires fast access speeds
- High uptime, most dependable
- Ideal for your most critical data

COMMODITY
- Best for large volumes of data
- Meets most enterprise-level requirements
- Moderately priced

FREE CLOUD (BOX)
- Secure multi-device
- 1TB storage, 15GB file size limit
- No cost

RESEARCH STORAGE
The Center for High Performance Computing offers scalable storage for high-performance computing and large data files for faculty with research computing projects, including backups and archives.

BACKUP & RECOVERY
We make sure that your data are reliably backed up and securely managed, meeting all regulatory requirements.

PRIVATE VIRTUAL SERVERS
Using a virtual server increases security, conserves space, provides faster performance, and reduces infrastructure and maintenance costs.
In addition to deploying and operating high-performance computational resources and providing advanced user support and training, UIT’s **Center for High Performance Computing** serves as an expert team to broadly support increasingly diverse research computing needs on campus. This includes support for big data, big data movement, data analytics, virtual machines, Windows science application servers, protected environments for data mining and analysis of protected health information, and advanced networking. Outside of virtual machines, CHPC usage is free of charge unless the researcher requires dedicated hardware (storage or compute). In that case, the cost equals that of the hardware and infrastructure requirements. See [www.chpc.utah.edu](http://www.chpc.utah.edu) for more information.

**USER SERVICES/FACILITATION**
Our staff works with researchers to optimize, enable, and innovate their computing needs — from designing, engineering, and deploying solutions to best practices, training, package installation, and consulting on code optimization.

**COMPUTATIONAL HARDWARE**
Multiple Linux-based computer clusters are supported, as a mixture of university-owned general nodes and nodes owned by individual research groups. The gear is mostly Intel processors, and includes some special purpose resources and/or accelerators.

**PROTECTED ENVIRONMENT (PE)**
The PE is a secure, siloed environment, with compute, storage, and VM components suitable for working with restricted and sensitive data.

**VIRTUAL MACHINES (VMs)**
We deploy and customize high-availability VMs and containers for researchers on commodity resources.

**STORAGE**
Current solutions: (1) fast parallel file systems, (2) RAID6-based file space accessible on CHPC resources (and externally via Samba), and (3) Ceph-based object storage.

**BACKUP**
Purchased home directories (up to 1 TB per group) include nightly incremental, weekly full backup. Currently reworking backup solution of group file systems to allow user-driven backup of data to the Ceph-based object storage.

**DATA MOVEMENT**
For large-scale file transfer, we maintain data transfer nodes (DTNs) connected at 10-40 gbps to the science DMZ (a portion of the network, built at or near the campus local network perimeter), bypassing the campus firewall. Provides access to transfer tools such as Globus both in the general and PE.

**INNOVATIVE COMPUTER NEEDS**
Need access to bare metal hardware, software-defined networks, leading-edge compute, novel network capabilities, IoT, performance monitoring, or compute and facilitator resources available nationally? Contact us! We can also assist you with grant proposals for novel and innovative computational capabilities for the campus.

Contact: Thomas Cheatham, Ph.D., Director, Research Computing/CHPC
Email: tec3@utah.edu | Phone: 801-587-9652

**UCloud** is a game-changing, enterprise-level service using a completely new set of technologies, tools, and processes that bring the university in line with today’s industry best practices for virtualization and storage.

UCloud seamlessly integrates university-owned on-site cloud services with public cloud services (e.g., Azure and Google Cloud Platform), providing better security and control over U data, as well as the ability to rapidly scale up or down. This is an enterprise-level infrastructure intended to support enterprise-level applications.

**CUTTING-EDGE SOFTWARE**
One of the industry’s most powerful automation engines manages networking, data storage, computing, and data center infrastructure.

**FLEXIBILITY**
Choose to maintain administrative control or simply “set it and forget it” to automate common operational tasks, e.g., software deployment, maintenance, and patches.

**LEADING-EDGE SECURITY**
UCloud enables security and compliance automation, providing improved risk mitigation.

**LOW COST**
In comparison to public cloud services, UCloud is less expensive to set up and maintain.

**USER ACCOUNT MANAGEMENT**
Optional Active Directory integration simplifies account setup and logins.

**AUTOMATED NETWORK PROVISIONING**
Administrators can quickly provision network services to support UCloud-based services.

For up-to-date pricing and options, please visit this web page.
The Strategic Planning and Process Team works with UIT and university departments to help improve end-to-end business and technical processes.

A holistic view of process improvement

We take a holistic approach, working to create a safe and productive climate for discovering how processes currently work and designing effective, sustainable improvements that align with strategic goals.

We begin by helping our customers and partners ask and answer essential questions, resulting in a visual model of the current state of the process — the what, why, who, how, and when of getting work done. Once the current prompts, activities, and results have been identified, we help to design the future-state using structured frameworks for workflow modeling and analysis.

Organizational change management: the people-side of change

As process work leads to organizational change, the Process Team brings the discipline of change management into play, helping to prepare and support individuals to make the changes needed to maximize project success. When individuals are supported in making their personal transitions and are willing to accept new ways of working, organizational change efforts are more likely to succeed.
Users demand transparency and accountability when outages occur.

The university is committed to unified IT service monitoring and logging with accurate, fast reporting of degraded service. This effort includes better communication among all areas within UIT and empowering ITS and UIT help desks with web-based analytics and dashboards.

In 2016, the U deployed IT Services Status page, uofu.status.io — a major step forward in the way that campus and clinical communities receive planned system maintenance and outage alerts. The website lets users see the status of mission-critical IT services in real time, in addition to maintenance schedules and history of maintenance events.

Integrated connections to UIT’s system monitoring tool, Orion, enable service status updates as soon as monitoring tools detect a change. If the page indicates that a service is degraded or unavailable, it means that technical teams are aware of a problem and working on a fix. And because the page is hosted independently of the university IT ecosystem, in the rare and unfortunate event of a wide-scale outage, the page will remain available for the U community.

At any given time, approximately 23,000 devices from campus buildings and clinics are monitored. This enables engineers to better understand the user experience and identify issues before a service disruption. Hundreds of individual applications, including Kronos and Canvas, are also monitored.

- Tracking: 135,000 ports
- Logging: 90TB of historical data stored
- More than 90 billion unique documents processed
- 3.1TB/day, 35,000 campus events indexed per second

OTHER SYSTEM STATUS SERVICES

- https://status.it.utah.edu/ — The U’s application health summary (access requires campus IP address)
- NotifyIT alerts — A subscription-based push SMS and/or email service
UMAIL

New students, staff, and faculty receive a university email account — UMail — an everyday communication and shared calendaring tool, and a primary way the U shares important information and alerts.

TEAMS

Microsoft Teams is a free workstream collaboration application with online meeting capabilities, persistent chat, content-sharing, departmental or project-based Teams groups, and “channels” to organize files and tasks.

OFFICE 365

The Microsoft Office 365 suite allows you to work with common Microsoft tools like Word, Excel, and PowerPoint from the web. Additionally, it provides cloud storage and synchronized collaboration.

GOOGLE WORKSPACE

Workspace is a suite of tools to collaborate and share documents. Storage is 5GB per user.

BOX

Box is a cloud-based storage and file-sharing tool that works anywhere, from any device. Students, staff, and faculty are eligible for a Ubox account: 1TB storage space plus a 15GB file size limit.

REMOTE VOICE SERVICES

Softphones allow users to make calls over the internet. Two popular systems are the Avaya IX Workplace desktop client and mobile application, which allow you to remotely access all of the functionality of your Avaya desk phone, and Avaya one-X Remote Agent for contact center staff (VPN required), an integrated desktop application with instant messaging, TTY interaction, desktop sharing, and single sign on.

CELLULAR DAS (DISTRIBUTED ANTENNA SYSTEM)

DAS is a network of antennas connected to a carrier source signal that extends public cellular wireless network coverage inside buildings and outdoors across campus.
The **Office of Software Licensing (OSL)** pursues volume discounts and site licenses for some of the more widely-used commercial software packages like Adobe and Microsoft. These site licenses are categorized as campus agreements, which provide some of the most popular software to departments, faculty, students, and staff free of charge or at a greatly reduced price. In addition to university licenses, OSL negotiates price-reduced, at-home licenses for faculty and staff. If a desired software isn’t offered, OSL works to find the best alternative source. If there is general and continuing interest in a software product that’s not currently offered, the office will research the request to determine whether it can negotiate an agreement to benefit the university.

Questions? Email software@utah.edu.

**SOME OF OUR POPULAR VENDORS**

ADOBE  MICROSOFT  MATHWORKS  SAS ANALYTICS  QUALTRICS

PLUS ESET, BROADCOM, CLARIS, IBM, NATIONAL INSTRUMENTS, ORIGINLAB, CLARIVATE ANALYTICS, VMWARE, AND MORE!
UIT’s Data Management & Analytics group (formerly Business Intelligence) is here to help make sense of data in a consistent, accurate, and unbiased way — so you can make better decisions.

**WHAT WE DO**

- Establish standards governing data use, storage, and quality
- Create various reports including, but not limited to, descriptive and predictive analyses
- Provide self-service tools and software to analyze data
- Improve decision-making and optimize performance

The team works with a variety of partners across campus, such as the Office of Assessment, Evaluation, and Research, Facilities, and the Office of the Registrar.

**How we're structured:** Led by UIT, the Business Intelligence Competency Center (BICC) serves as the central hub and supports the Business Intelligence Center of Excellence (BICOE). The BICOE comprises employees who perform BI roles across campus, and it provides software and training to help users analyze data independently.

**DATA**

The BICC builds and maintains the U’s data warehouse environments from systems like PeopleSoft and System Applications Products (SAP), and includes data from HR, Finance, Admissions, Student Affairs, and Canvas. The Data Management & Analytics group is continuously adding new sources of data, too.

**TOOLS**

SAP Business Objects Web Intelligence (Webi) is our primary tool for populating the standard reports library, and Tableau is our go-to software for data visualization and dashboard creating.

**SERVICES**

To see a list of the services we offer, visit our Service Catalog online at bi.utah.edu/service_catalog.php

**EXPERTISE**

The BICC is working hard with the campus BI community to advance the state of BI at the University of Utah — defining and implementing strategy through IT governance groups.

Contact: Brian Harris, Director, Data Management & Analytics  
Email: brian.harris@utah.edu | Phone: 801-581-7150

Find us online! bi.utah.edu
WEBSITE SERVICES AND SUPPORT

Embedded within UIT’s University Support Services, the Content Management & Usability (CMU) team consists of web professionals dedicated to supporting and promoting the web presence of colleges, departments, and organizations at the U.

WHAT WE OFFER

From regular site maintenance to complete redesigns, we’re here to help you every step of the way with web services and support, including:

- Mobile responsive and ADA accessible templates
- Full-service, daily support for OU Campus editors
- Website designs/redesigns and template upgrades
- Online training sessions
- Usability research and testing
- Custom scripting projects
- Online form creation and data collection
- Consultations on best practices
- Secure hosting on university servers

... AND MORE!

We also provide user experience and user interface design, front-end development, accessibility testing, and analytics for multiple web and mobile applications at the university. Select members of our team work on cross-functional teams across campus to improve the end user experience.

THE STATS

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current websites</td>
<td>200+</td>
</tr>
<tr>
<td>Active editors</td>
<td>353</td>
</tr>
<tr>
<td>Monthly support requests</td>
<td>100+</td>
</tr>
<tr>
<td>Project interfaces</td>
<td>20</td>
</tr>
<tr>
<td>Cross-functional teams</td>
<td>8</td>
</tr>
<tr>
<td>Technologies</td>
<td>7+</td>
</tr>
</tbody>
</table>

Visit websites.it.utah.edu for a full list of services and learn how we can make the most of your websites.

Contact: Barb Iannucci, Director, USS Content Management & Usability
Email: barb.iannucci@utah.edu | Phone: 801-587-3637

Online guide: bit.ly/uit-service-guide
PeopleSoft is the platform behind many IT systems, software, and web applications used by students at the University of Utah — from the application process to graduation and beyond.

The Student Systems team in UIT’s University Support Services (USS) designs, develops, improves, and supports these student-facing PeopleSoft technologies for Academic Affairs, Admissions, Advising, Enrollment Management, Financial Aid, Scholarships, Student Affairs, and Tuition & Billing.

PROJECTS & PARTNERSHIPS

The USS Student Systems team:

- Queries student-centric PeopleSoft data for dashboards, feeds, and web apps that help organizations do their work, such as the background data behind Financial & Business Services' tuition estimator (requests for student data are first vetted and approved by the Registrar's Office)
- Supports and maintains U-wide student systems, services, and apps that integrate with PeopleSoft, like MobileU, the Degree Audit Reporting System (DARS), and Ad Astra room scheduling system
- Provides user experience/user interface (UX/UI) services in partnership with UIT’s Content Management & Usability group
- Implements and supports third-party app integrations with PeopleSoft
- Provides consulting on purchasing new student software that integrates with PeopleSoft
- Works with the campus community to manage IT projects related to PeopleSoft student systems (e.g., conducting a gap analysis to find a solution for a university need)
- Engages regularly with core users, but the team is delighted to talk with anyone interested in advancing PeopleSoft student technologies at the U!
Have you ever made a purchase through UShop? Perhaps while pursuing a grant you’ve used e-Proposal or the Research Portal?

If so, credit the Finance & Auxiliary team for making it happen.

Based in University Support Services, the team supports and maintains a host of web apps and systems critical to daily operations at the university and its clinics.

FINANCIAL

PEOPLESOFT FINANCIALS AND SUPPORTING WEB APPLICATIONS
General Ledger, Accounts Payable, Asset Management, Management Reports, ePayment Request (ePR), P-Card Reallocations/Reconciliation tool, and fiscal/annual year-end processing

INTEGRATED APPLICATIONS WITH PS FINANCIALS
ReconNET, UShop, and UTravel

FACULTY AND RESEARCH APPLICATIONS

In addition to general financial tools, here are some of the complementary tools available to the U’s faculty and research community:

Grants Processing, Effort Distribution Reporting (EDR), PAR Certifications (ePAR), eAwards, Faculty Time Assistant (FTA), Research Portal, and PI Planning tools.

DATA FOR REPORTS AND DASHBOARDS

In collaboration with the Financial & Business Services organization and the Office of the Vice President for Research, the team provides financial- and research-related data and systems for departments and colleges (requests are vetted through the AVP/VP for Finance and VP for Research offices).

PRODUCT MANAGEMENT AND OTHER SERVICES

In addition to user experience/user interface (UX/UI) support, third-party app integrations, and procurement help, the team also has a product management function. Team members meet with stakeholders in the U's financial, faculty, and research communities to determine which services might best serve their needs.

Contact: Gary Carter, Director,
USS Product Management/Finance & Auxiliary
Email: gary.carter@utah.edu | Phone: 801-213-8673

Online guide: bit.ly/uit-service-guide
A considerable amount of time, coordination, and user testing goes in to preparing an IT application or system for members of the University of Utah and University of Utah Health communities.

The UBenefits portal is an excellent example. For years, U faculty, staff, and students had to fill out paper forms or editable PDFs to change benefits, reallocate investment contributions, or apply for tuition reduction. Today, these tasks are completely paperless and handled by PeopleSoft-integrated web forms within the portal.

**HR TOOLS AT A GLANCE**

- Kronos online payroll reporting system
- Applicant-tracking system for recruiting faculty and staff to the U (excluding hospitals and clinics)
- JIRA issue-tracking system for HR
- HR-related tiles integrated into Campus Information Services, which give members of the U community fast access to everything from paychecks to electronic W-2s

**CONSTITUENT RELATIONSHIP MANAGEMENT (CRM)**

With hundreds of millions of dollars invested in the U each year, the constituent relationship management (CRM) system used by advancement professionals plays a vital role in donor management.

The USS HR Systems team is one of several UIT groups involved in a complex project to transition Institutional Advancement to a new CRM system that will help the office fulfill new fundraising goals set by U President Ruth Watkins.
REAL-WORLD EXPERIENCE TO AUGMENT YOUR U DEGREE

Student employment in the sUdo program is real-world experience, not busy work or fetching coffee.

Our program focuses on mentoring and providing a hands-on experience within an enterprise environment. It’s unlike any other student employee program at the University of Utah. sUdo rewards the energy, talent, and creativity that students bring with professional respect, resume-building experience, flexible hours, and great pay.

sUdo is an exciting, rewarding program to work in, and word has gotten out. The program has seen considerable growth in recent years – from 17 student employees in 2015 to more than 70 (and counting) in 2019.

BEGIN AN ADVENTURE

We're a place to learn, make friends, and launch a career. For some, the program is a stepping stone to full-time positions in a relevant field, and the future is bright. Companies in the Wasatch Valley generally pay graduating students more if they’ve had internship experience. Private-sector employers that have hired sUdo student employees include Adobe, Goldman Sachs, General Motors, Symantec, Boeing Space (Defense and Intelligence Systems), Premier, Galileo, Qualtrics, Raytheon, and others.

FOR MORE INFORMATION, VISIT SUDO.UTAH.EDU.
UIT's Information Security Office (ISO) strives to ensure the confidentiality, availability, and integrity of University of Utah information technology systems and data through exploitation of appropriate security resources and best practices.

TRAINING
We provide training on IT compliance, computer and network security, security and privacy issues, and best practices. ISO consults with project managers and system administrators in the design and implementation of new services. In efforts to enhance the U community’s cybersecurity awareness, ISO routinely conducts mock phishing exercises, and creates security awareness videos and trainings for faculty and students.

POLICY UNDERSTANDING
ISO can help interpret the ever-changing world of security policies and procedures, and oversee technical, security, and privacy audits.

INCIDENT MANAGEMENT
In response to IT security incidents, ISO uses various tools and procedures to identify and contain the source, minimize adverse impacts, restore service as quickly as possible, and investigate the root cause. ISO provides data forensic services for university entities and outside agencies as needed, and works closely with the Governance, Risk & Compliance (GRC) group, UIT Leadership, and IT governance committees on initiatives to improve security standards at the U.

IDENTITY & ACCESS MANAGEMENT (IAM)
IAM ensures appropriate access, role-based provisioning, authentication for individuals, and manages identity and access issues for internal and external users.

RISK ASSESSMENTS/MITIGATION AND DATA LOSS/INTRUSION PREVENTION
ISO monitors the U’s networks and information systems for potential data loss or sensitive information that is stored inappropriately. ISO also uses state-of-the-art security tools to monitor for attacks or other cybersecurity events, and blocks or mitigates those threats.

PENETRATION TESTING
ISO evaluates the security of systems by performing authorized cybersecurity reviews to identify vulnerabilities and provide recommended mitigating controls.

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Online guide: bit.ly/uit-service-guide