Current UIS Projects and Initiatives [1]

Below, you will find details of all current UIS projects and initiatives in the planning and execution phase. It does not include:

- Projects in the initiation phase
  New UIS project requests are submitted. High-level details are provided to the UIS Leadership, who determine whether the project should move into the planning phase, and closing phase
  The team undertakes the necessary tasks to close the project. This includes, but is not limited to, post-production support, transition to operational service and the collection and analysis of lessons learned.
- version updates
- PUMs
- regular maintenance projects

UIS identifies customer requests for projects or initiatives as either maintenance (work that is expected, routine, and keeps our services healthy, secure and performant) or work request (work that involves something new or different). Maintenance projects and initiatives are designated by MN, while work requests are designated by WR.

Questions?

If you have a question about a project, click the link under the questions column to email the project manager.
Informed by recommendations from CU’s legal team and the IT Governance Committee, CU leadership decided the data center move is essential to delivering core services to the university. It is imperative that the data center move take place with succinct preparation rather than in an emergency scenario.
The release is focused on stability, bug fixes, and enhanced configuration tools that should lead to reduced internal support tickets, increased security, and improved user experience. The timing of this upgrade also allows us to stay on the current code and resume a regular cadence of upgrades.
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<tr>
<th>PROJECT NAME</th>
<th>PROJECT SUMMARY</th>
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<tr>
<td>MN: HCM/IEP/IGW Upgrade</td>
<td>This project ensures the PeopleSoft HCM, IEP and IGW applications are up-to-date and staying within vendor support.</td>
<td>Execution Phase The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase.</td>
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</tbody>
</table>
Eliminate manual access requests for all student users and the majority of affiliate users requesting eRA access. Significantly reduce resources required for highly manual access provisioning process due to eliminating the creation of most POI records. eRA contributes approx. 35% of POIs to HCM. Most of these will be eliminated.

- Reducing the current complexity of the provisioning process
- Better security for systems due to prompt removal of access via batch deprovisioning of access for those who no longer need it
- Resolving downstream reporting issues due to clarity removal of non-employee records from HCM.
- Prerequisite for subsequently allowing affiliates to authenticate
This project seeks to address CU-wide challenges with identifying our data, improving the quality of our data, and improving our understanding and use of the data. We hope to realize the following value from this effort:

- Increased CU-wide data definitions
- CU-wide data governance optimization
- New and improved data discovery/identification
- Heightened data understanding/confidence
- Intelligent and informed decision-making at strategic and tactical levels
- Improved data access, usability, & security
- Enhanced data regulation compliance
- Enabled definition of roles/responsibilities

**Execution Phase**

The UIS project team executes the project plan with a focus on meeting scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase. [7]

**Green project status**

On-track projects are given green status. These projects are running within budget, timeline or scope. [8]
WR: Enterprise Cybersecurity Project: SIEM Replacement

ECP overall project value: By increasing the overall baseline security and visibility into security risks across the CU system, we will reduce the potential for significant security incidents thus reducing risk and cost.

Our current log aggregation solutions (primarily LogRhythm) prove to be difficult to manage since the hardware and service is shared among Boulder, the System office, and Denver/Anschutz campuses. Numerous challenges exist with LogRhythm. Implementing a new SIEM solution will allow us to effectively correlate data from multiple origins to gain visibility into our complex network.
In 2020, Colorado voters approved Proposition 118, paving the way for a state-run Paid Family and Medical Leave Insurance (FAMLI) program. The FAMLI program will ensure all Colorado workers have access to paid leave in order to take care of themselves or their families during life circumstances that pull them away from their jobs. Employers have the option to utilize the State of Colorado to administer employee requests and payments or companies can create a self-insured FAMLI plan. CU has opted to become self-insured. This will not only be a financial benefit for CU it will enable us to provide the highest...

Planning
Phase
The UIS project team collects and develops necessary
Online and digital marketing efforts for CU are moving from a centralized marketing and website model to a campus-branded model. This transition will allow for increased alignment between online/digital content and existing campus efforts while allowing each campus to highlight its unique attributes and overall messaging. This transition and the development of an associated strategy will include an assessment of current and desired marketing activities (paid advertising, social media, organic efforts, etc.), current and desired website activities (user experience, design, strategies for customization, etc.), and a review of existing vendor partnerships to increase efficiency.

The CRM team will work with key members of campus-level online/digital teams to gather requirements for both marketing and web strategy. The team will then develop a recommendation and associated timelines for campus review. We expect the transition to the model will occur over a period of months, and that enhancements will occur in phases following an initial launch.

Our campus partners will guide every effort toward the implementation of the new model. Every decision that occurs will be made in concert with the CRM team and the campuses to ensure a complete understanding of potential risks and implications. We'll also be working to capture goals and key progress indicators (KPIs) so we can ensure that we are headed in the right direction and enable strategy modification if desired.
The UIS reorganization and New Service Framework will strengthen campus partnerships to more effectively set strategies and coordinate efforts. In addition, UIS and campus partners will benefit from a holistic view of the delivery pipeline. The Intake and Demand Management stage is anticipated to yield greater visibility of resource utilization and allocation; consistent and repeatable intake processes for clients; work prioritization process; and greater UIS team member engagement.

Execution Phase
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Green project status
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<th>GO-LIVE</th>
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<tr>
<td>MN: Advancement to AWS</td>
<td>This initiative will help mitigate the risk of the data center move. Benefits of the transition from OpEx to CapEx include increased security, High Availability (HA) and Disaster Recovery (DR), and ease of future cloud growth without paying the upfront cost.</td>
<td>Green (DURING EXECUTION)</td>
<td>Project phase identifies where a project, or initiative, is in its cycle. It begins with the planning phase and ends with the closing phase.</td>
<td>[4]</td>
<td>[5] (DURING EXECUTION)</td>
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<td>WR: Time and Labor</td>
<td>The Time and Labor project aims to replace the home-grown MyLeave system. Ultimately, the project's benefits will include streamlining regulatory and compliance changes, addressing existing calculation engine issues in MyLeave, centralizing time-tracking tools and reducing costs, providing a stable platform, and allowing CU to move away from the current custom-built application that is difficult to support.</td>
<td>Green</td>
<td>Project health identifies how a project, or initiative, is doing in terms of budget, timeline and scope.</td>
<td>Contact us</td>
<td>TBD</td>
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**Planning Phase**

The UIS project team collects and develops necessary information to determine and confirm scope, budget and timeline. Active management of time, cost, quality, change, risk and issues occur during the execution phase.

**Execution Phase**

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**TBD**

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<td>MN: CS Move Grade Change Workflow to OnBase</td>
<td>When the grade change workflow was implemented, it was built in IEP due to the tools version and Approval Workflow Engine (AWE) availability at that time. If/when Portal is replaced, we risk losing this functionality. This change would align with the organizational standard of using OnBase for workflows.</td>
<td>Execution Phase</td>
<td>Green</td>
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<td>MN: CU-SIS Fluid Self-Service Technical Foundation</td>
<td>To provide the basis for future CU-SIS Fluid self-service functionality to modernize the interface and transactions by using the Fluid UI interface. A portion of pages are delivered in Fluid by Oracle, and some items need to be modified or built as bolt-ons for CU needs. This work establishes the technical baseline for self-service pages to evaluate and deploy in later phases, with other Projects/Initiatives.</td>
<td>Execution Phase</td>
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For the 2024-25 aid year the Department of Education is implementing “FAFSA Simplification” which makes major changes to Financial Aid, including changes to aid eligibility/needs analysis calculations, the aid application data, and how that data is exchanged with schools. There will be a large amount of work to update existing processes and configuration for both UIS and the campus FA offices.

A significant component of this work is the introduction of federal tax information (FTI) data that is categorized as controlled unclassified information (CUI). This initiative will ensure that the new FTI/CUI data has proper safeguards and security access configured in Campus Solutions and OnBase and that the FTI/CUI data does not flow to other downstream systems. Lastly, we’ll want to work closely with our campus partners and provide any assistance as needed in updating existing business processes to reflect the new requirements that are being released from FSA (Federal Student Aid).

Planning
Planning Phase
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Green project status
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Microsoft Intune products and services provide a cloud-based unified endpoint management solution. It simplifies management across multiple operating systems, cloud, on-premises, mobile, desktop, and virtualized endpoints. It also:

- Supports data protection on company-owned and bring-your-own devices through non-intrusive mobile application management.
- Empowers organizations to provide data protection and endpoint compliance that support a Zero Trust security model.
- Brings together device visibility, endpoint security, and data-driven insights to increase IT efficiency. In hybrid work environments, admin tasks and end-user experiences are improved.

Currently, we leverages Configuration Manager, an on-premises application, for device management, but the growing presence of our remote staff brings additional challenges that need to be overcome. Shifting workloads from Configuration Manager to Intune will allow us to take advantage of new features, manage our remote endpoints without VPN, retire infrastructure with out-of-support operating systems and software, reduce our licensing costs (Configuration Manager, Server OS, and SQL) and improve & simplify how we refresh & deliver hardware to our staff.

Windows Autopilot is a cloud-based service used to set up and pre-configure new devices & simplify the Windows device lifecycle, for both IT and end users, from initial deployment to end of life.

Traditionally, significant time is spent building and customizing images while Windows Autopilot introduces a new approach that:

- From the user's perspective, it only takes a few simple operations to make their device ready to use.
- From the IT pro's perspective, the only interaction required from the end user is to connect to a network and verify their credentials. Everything beyond that is automated.
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<td>MN: New PeopleSoft Log Server</td>
<td>This current server is at least 10 years old, if not more, and needs to be updated with a new operating system. Several tools being used on this server are incompatible with the OS version. Several files/folders with sensitive user information can be accessed via this server and, currently, the security setup on this server is not much restrictive. This initiative will also work on new security design as a key component when the new server setup is done.</td>
<td>Planning Phase</td>
<td>Green project status</td>
<td>Contact us [22]</td>
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<td>MN: OSB 12c Internal Processes Phase 3</td>
<td>We need to continue moving processes from the old OSB 11g service to the new OSB 12c service. This will help us stay within security updates and is currently supported, while 11g is not. OSB 12c (now with GitLab pipelines) has extra tools to be more efficient in the long run and more beneficial to the integrations team and end users.</td>
<td>Execution Phase</td>
<td>Green</td>
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<td>MN: Rancher</td>
<td>Our current version of Rancher is about five years old. The setup was not to best practice, complex, and has become more difficult to manage. As we continue to containerize our services, Rancher1 agents and hosts fail intermittently due to known bugs and require restarts. At the beginning, we started with less than 20 containers, but now we have about more than 300/ And all this was before the age of Kubernetes.</td>
<td>Planning Phase</td>
<td>Green project status</td>
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- Green project status
- Planning Phase
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- The team then develops project plans to manage time, cost, quality, change, risk and issues, which will guide the team through the project execution and closure phases. [10]
## Initiative Name

**MN: Silk Performer to Load Runner**

The vendor Micro Focus is sunsetting Silk Performer in CY 23, thus need to switch to the vendor’s other product Load Runner. While we make the switch over to Load Runner, the vendor will allow us to use Silk Performer for 12 months in parallel or up until 12/31/2023, whichever happens first.

### Initiative Summary

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<tr>
<th>Phase</th>
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<th>Go-Live</th>
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<tr>
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<td>MN: UFT and ALM Upgrade</td>
<td>The goal of this initiative is to keep UFT and ALM up to date to take advantage of all the features of ALM and UFT. Installing new licenses, new machines and new VM’s to expand our services in automated test solutions. ALM Upgrade: To update to the most current version of ALM to align with the most current version of LoadRunner and to make sure that we are not running out of support. Also, there are a few issues with the current installation that should be addressed in the new version.</td>
<td>Execution Phase</td>
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<td>WR: Campus Data Hubs</td>
<td>The implementation of Snowflake-based data hubs will allow the campus OIT / ODA / Data Scientists to have a central location for the main UIS data sources where they can supplement the data with campus-specific sources and create subsets of data for various needs. By having one location where the UIS-managed data and the campus data are located, the campuses can start adding their own data and creating datasets that meet their needs. This also provides the campuses with space and tools they can analyze the data and run their data algorithms on to come up with new insights. Since the campus areas will be totally managed by the campus users, they will have full control over how they want to manage their data and processes, and not need to coordinate with UIS to manage it.</td>
<td>Execution Phase</td>
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**Execution**

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**Green**

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<tr>
<td>The University of Colorado, Colorado Springs (UCCS) campus</td>
<td>The University of Colorado, Colorado Springs (UCCS) campus Human Resources department, follows the Conflict of Interest (COI) policy and oversees the Disclosure and Management of COI or Commitment for employees and student employees who must disclose annually and update disclosures in accordance with policy. Currently, they use a combination of tools, including a Qualtrics disclosure form; documentation is stored in OnBase. Office tools like Microsoft Excel are used for analysis and tracking. In implementing the COI Module at UCCS, we will improve the user experience with a logic-driven eform, automatic notifications upon submission, and a centralized place to view their past disclosures. This will also reduce the administrative effort for the office by utilizing routing and workflow to track/review disclosures, handle documents, automate communications, and support accountability with easy search and reporting capability. The Conflict of Interest module and administrative functions already licensed to the University of Colorado, are currently in use at Anschutz/Denver and Boulder, we will be customizing the module to meet the needs of UCCS conflict of interest office.</td>
<td>Planning Phase</td>
<td>Planning</td>
<td>Green</td>
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</table>
The goal of this initiative is to enhance the already delivered Grants WorkCenter. We will expand the Grants WorkCenter to include additional functionality to further improve daily processing, workload management, and metrics, streamlining Post Award Management at all 4 campuses.

We will also be expanding the use of the Grants WorkCenter from the Post Award & Billing Teams to include the Closeout teams as well.

**Execution Phase**
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**Health Questions?**
- Green status. These projects are running within budget, timeline or scope. [8]

**Go-Live**
- TBD

Contact us [29]
CU Denver is looking to make process improvements on how they track student orientation for incoming undergraduate students. Currently, they do not utilize Campus Solutions for tracking this data and are interested in incorporating Campus Solutions into their business process.

The project goal is to best ensure necessary process improvement for the Fall 2024 incoming undergraduate (freshman and transfer) class. Ideally, the CU Denver team can implement changes to facilitate a Spring 2024 pilot.

**WR: New Student Orientation Tracking**

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<td>Green Green project status On-track projects are given green status. These projects are running within budget, timeline or scope.</td>
<td>Contact us [30]</td>
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| WR: Self-Service Password Reset | Incorporating a Self-Service Password Reset solution streamlines user account management by enabling users to independently reset or recover their passwords without IT intervention. Leveraging a product solution helps boost productivity by reducing downtime and significantly reduces the need to engage the service desk to reset your password.  
* Streamlined consistent process to change or recover your password.  
* Strong security standards when viewed in the context of industry standards.  
* High availability and convenience. | Planning Phase  
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Project Criteria

Level of effort: 350+ hours of work (between both planning and execution phases)

Complexity: Cross-team interdependent (5+ teams needed)

Risk: Work poses a significant risk to the organization

Managed by: Project Managers

Initiative Criteria

Level of Effort: 40+ hours of work

Complexity: Coordination across teams; new technology to UIS

Risk: Work has a future deadline aiming for but has flexibility; target deadline is one quarter away at minimum

Managed by: ADs/Managers

Groups audience:
University Information Services

Source URL: https://www.cu.edu/uis/current-uis-projects-and-initiatives

Links