

PAPP Status April 2024

Name	Description	Status Comments	Start	End	Functional Area	Sponsors
ITPC-0670 Implement Data Virtualization to integrate data sources	<p>Data virtualization provides the ability to virtually connect data from multiple locations and present it as one data source. This means that data can quickly and easily be accessed and integrated regardless of where it resides or how it is stored including database, APIs, files, etc. Data virtualization also provides capabilities to quickly curate data to meet specific analytics needs reducing the amount of data movement work needed. This results in easier and faster access to information which leads to enhanced decision making based on actionable insights.</p> <p>This effort will focus on the following:</p> <ul style="list-style-type: none"> * Implement Denodo for data virtualization. * Deploy a logical data warehouse as the foundation for a data fabric. * Establish the data virtualization service. * Create a support model for assisting clients. * Create training to educate university data users on how to use the data virtualization service. 	<p>Changed Percent Complete from 65% to 75%.</p> <p>Denodo Installation is complete, and most of the configuration pieces are done. A small amount of remaining configuration is still in progress waiting on additional information from Testing/Early Adopters Period which is planned to run through the end of April.</p> <p>Communications Updates: Working to create the URL for Denodo Service branded as the DataHub@UofI, Working with SOSS on design/graphics changes, and Creating Documentation & Training for Early Adopters. Team is Continuing regular Next Gen Analytics Updates. Security and Retention policies have been researched; work is in progress on Governance/Policies/Procedures alongside the API Policies and Procedures. Early Adopter Updates: Early Adopter Groups have been given access and multiple feedback sessions have been scheduled. Completed production readiness assessment and reviewed with Denodo, currently following up on some outstanding items. Created a detail task tracker and a general release review group to assist in making sure all the detail tasks are completed for Denodo to run as smoothly as possible when released on a larger scale. This group will also roll these detail tasks up into the larger Project plan as needed.</p>	January 2023	June 2024	BI PM	Kelly Block , Nyle Bolliger, Dimuthu Tilakaratne
ITPC-0678 Provide connections to data with data movement tool	<p>This project will implement a new enterprise data movement tool for data integration tasks. Data movement is associated with Extract, Transform, and Load capabilities, otherwise known as ETL. A new data movement tool will provide access and integration to data from most modern data storage systems, including cloud-based and vendor-hosted solutions.</p> <p>The vendor Talend has been selected for this implementation. The selection of Talend is the result of the analysis completed for the ITPC-0621 Next Generation Data Analytics Modernization project.</p> <p>Processes and procedures to establish, maintain, and support the Talend data movement tool will be defined during this effort. This includes governance, access and security, training, and support.</p> <p>Benefits: The current ETL tool is limited in its ability to connect to many data sources currently in use by the University of Illinois. A modern ETL tool, like Talend, supports connections to most modern data storage solutions. These include source data systems in the cloud or hosted by a vendor. That enhances data integration and sharing of data, which is a driver for modernizing our data architecture technologies.</p>	<p>Changed Percent Complete from 60% to 80%.</p> <p>Team is setting up POC with Talend in early April for Rejects process and working through Data Anomalies in Chrome River. Monthly patches from Talend that the team wants to start applying, working on how to do this. Talend to Denodo Connection Testing (Want to test Cornerstone in Talend as well as Denodo). Working on Permissions & Roles finalization, Development of Process policies and the Technical Support Plan and Developer/Operational training continues.</p>	July 2023	May 2024	BI PM	Dimuthu Tilakaratne, Kelly Block
ITPC-0699 Update BO universes to new format to continue support	<p>SAP Business Objects is the supported enterprise reporting tool used at the University of Illinois. Business Objects Universes are used to deliver standard reports and ad-hoc reporting capabilities. SAP has deployed a new format, UNX, for the development of the BO Universes. SAP has developed plans to deprecate the legacy format, UNV. In order to be able to stay on supported versions of SAP Business Objects, all BO Universes have adhere to the new UNX format. The proposed timeline for deprecation by SAP is to end mainstream maintenance December 31, 2024. Before that date AITS will have upgraded to SAP Business Objects BI 2025.</p>	<p>Team is continuing research and planning around the following items to identify impacts and plans to address: Timing for Universe/Folder Renames, Conversion timing, Webi Documents, Communications to Users, and Repointing Folders & Scheduling. Working to determine the best approach and methodology for migration rollout as well as completing the Internal Universe Conversion POC.</p>	October 2023	October 2025	BI PM	Dimuthu Tilakaratne, Mike Wonderlich
SYS-0021 Facility Condition Assessment Investigation	<p>The University of Illinois Urbana-Champaign (UIUC), the University of Illinois Chicago (UIC), and the University of Illinois Springfield (UIS) seek to embark on a system wide facility condition assessment (FCA). The FCA will provide a comprehensive evaluation of building systems, identify deficiencies and suggest and prioritize future repair or replacement needs. Building surveys will evaluate the general health of physical facilities by identifying and arranging inadequacies that require critical, urgent, and necessary remediation in alignment with risks associated with the inadequacies and their potential impact on life safety, continued building operation, and functionality. The appraisal will consider the age and serviceability of systems, components, and finishes of buildings to forecast replacement of facility assets as they reach the end of their serviceable life, as well as regular preventative maintenance impacts on expected replacement timelines. The objective of this investigation effort is to issue an RFP and based on responses determine next steps with the goal to identify a consultant to assist with the analysis and provide expertise on a software solution to track asset improvements and up-to-date condition reports.</p>	<p>Changed Percent Complete from 20% to 30%.</p> <p>We have billings for work performed through 12/31, assessments continue and are expected to continue through November 2024, with final numbers being expected in spring 2025.</p> <p>We are working with System Purchasing to execute an amendment that will do a few things:</p> <ul style="list-style-type: none"> * Allow us to implement SSO for the software component - Approved at January BOT * Add an additional 62 buildings at UIC and 2 buildings at UIS 	September 2022	December 2024	Capital Programs	Mike Wilson

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ITPC-0669 Replace aging Capital PM systems with a vended system	<p>The University Office of Capital Programs (UOCP) seeks to replace two aging software systems that currently provide project and financial management support to university capital construction units. This project will lead to the retirement of PRZM and FCPWeb. Integrations with current peripheral softwares are being considered. This includes not only Banner but capital-centric systems such as AIM (work order system), VSA/CAPS (vendor maintenance system), and Contracts+ (contract creation and approval system). The Capital Enterprise Data Warehouse (EDW) will also be impacted as the majority of Capital data in the EDW is sourced from either PRZM or FCPWeb. The determination of whether or not the Capital EDW needs to be sourced from the new CPM application or if the CPM has sufficient reporting capabilities that a Capital specific EDW is no longer required will be made once a CPM system has been selected. Access to data exported from the system in a daily batch process is required.</p> <p>Note: An RFQ was issued in early 2022 and three vendors replied. UOCP is utilizing an outside consultant versed in project management-centric software solutions to help determine which is the best fit. This PAPP submission relates to the need to procure and configure the solution. Subsequent phases such as implementation and training will be added to the PAPP scope once determined.</p>	<p>Changed Percent Complete from 70% to 75%.</p> <p>Pilot phase for 10 projects has begun. Issues identified seem to be resolved quickly. There is a lot of support tickets with external vendors going through the affiliate process. There are virtual support office hours provided to all pilot participants that include AITS team and UOCP to answer questions and troubleshoot issues.</p> <p>The payapps integration for invoices to Banner is in Production. We expect a pay request to happen this week so we can keep an eye on how it moves through the process and integration.</p> <p>Change management is working closely with CAG, UOCP, and AITS on communications and preparedness across many focuses. The steering committee also met this week and financial leaders across the universities voiced concern for go-live close to FY end where they would have to turn to numerous systems for end of year reporting and have asked to consider a closer to/at fiscal year change to go-live or ensure reporting needs are handled.</p>	January 2023	July 2024	Capital Programs	Mike Wilson
ITPC-0593-A S2P iBuy Optimization Project	<p>Optimize the Jaggaer eProcurement module by taking advantage of functionality that has not been fully implemented, which may involve undoing system workarounds which were created by the University when the iBuy system was originally deployed. The eProcurement module incorporates requisition, catalog, and spend tracking functionality that should be leveraged. Work with Jaggaer and Ellucian to resolve issues related to the current integration method. Determine where the University may have deviated from Jaggaer's standard configuration to facilitate upgrades, bug fixes, and ongoing maintenance.</p>	<p>The Digital Mailroom implementation kicked off on 01/23/24. Validation started on 02/27/24 and we are currently in Round 2 and have decided to re-test Round 2 due to poor results. This will move our testing timeline out and we are working to update the project plan. A new go live date will be identified soon. I think go live will fall into early June and I have given Payables and AITS a heads up about this.</p>	July 2019	December 2025	Finance	Gloria Keeley Michael Bass Dr. Ghosh Janet Parker Jerry Joseph Mike DeLorenzo Brent Rasmus Kelly B
ITPC-0645 Deliver improved financial data with FPPM Dashboard	<p>The FPPM Dashboard will deliver improved financial information insight across the University of Illinois System. It will be used by University leadership, Budget Officers, Deans, Directors, Department Heads, Academic Fiscal Officers and Business Managers to monitor their financial process performance health in an informative and customizable format divided by actionable and informative items. The Dashboard will also be used by the CFO and system office staff to monitor the efficiency and effectiveness of financial processes and to offer support needs based on institutional risk. Dr. Ghosh has met with the project sponsors to confirm his support to offer financial process performance information in this format. The current iteration includes five metrics of actionable information and the Analysis team will interview key personnel in units, colleges, universities, and system offices to determine additional metrics and style options. The Dashboard and metrics were preliminarily vetted through various business staff to confirm both efficacy and value.</p> <p>Expected Benefits: By defining financial parameters and the data elements needed from disparate systems to appropriately measure financial process performance, day-to-day operations will be more focused efficient and effective. The Dashboard will enable the unit and college leadership to collaborate with system office staff in defining the data, access, and other Dashboard requirements so the product applies common definitions to parameters and improves process transparency. The Dashboard will highlight problematic process areas so education and resources may be applied which will in turn reduce state compliance audit findings. Additionally, savings will be realized as staff resources allocated to monitoring financial operations will become more efficient and will allow for resources to be used elsewhere.</p>	<p>Project has been removed from Hold status. Requirements and their prioritization are in progress with user groups. The prototype dashboard is starting to be updated to use newly available Source to Pay data in the EDW. This will include iBuy and Chrome River data. The dashboard enhancements will be iterative and based on user groups' prioritization.</p>	August 2022	August 2024	Finance	Kelly Block, Gloria Keeley, Brent Rasmus, Julie Zemaits
ITPC-0593-E S2P Card Program Project	<p>As Jaggaer does not offer a credit card purchase and payment mechanism, this effort is outside the scope of the iBuy Optimization. It is strategically important to assess the advantages and disadvantages of various card programs. It is also vital to identify an alternate solution to the existing PCard software which is at end of life.</p> <p>This request is for approval to complete the following:</p> <ul style="list-style-type: none"> * Create a team to analyze the various uses of credit cards available as possible solutions to a variety of procure to pay needs * Investigate how credit card uses align with procurement strategy and the cost/benefit of deployment of the various identified possibilities. The team will consider cost savings due to reduced transaction costs as well as the ability to leverage the income that can be generated as the result of robust 	<p>Changed Percent Complete from 7% to 12%.</p> <p>The project team has agreed upon a target completion date of 3/31/2025. This falls in line with our originally estimated 12-18 month project duration. Right now, we are still working on the design model and mockups. Once completed, we will immediately jump into building the database and adding the data.</p>	January 2024	March 2025	Finance	James Martinie, Darren Strater

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ITPC-0649 Implement Internal control updates due to audit finding	<p>Recently, internal audits uncovered several scenarios where University employees used access to multiple systems to conduct fraudulent transactions, using a multitude of purchasing and payment mechanisms and altering requests, invoices, and property accounting records as needed to avoid detection. In January 2019, a team of system and university experts in procurement, accounts payable, fixed assets, systems, and internal auditing were convened to perform an extensive analysis of system access roles and define the role combinations that present risk to the U of I System if duties are not appropriately separated. That analysis culminated in a final report that was completed in December 2019 with seven recommended long-term solutions, as well as some short-term solutions. The short-term scope has been completed and now we must move on to the long-term recommended solutions.</p> <p>Based on lessons learned during the short-term implementation project and given the large scope of the recommendations from the analysis team, we are recommending that the internal controls initiative be managed as a program. This approach will allow for greater coordination of the various components of the initiative, as well as increased flexibility and agile implementation of projects. Benefits: Address internal controls and segregation of duties discrepancies in the purchasing, payables, fixed asset, and systems access process. By addressing these items, progress towards deterring possibly fraudulent transactions can be shared with the Board of Trustees, external auditing agencies, and grant agencies as needed. This program will also ensure that an exception process will be implemented to allow units to continue processing necessary business transactions without unnecessary disruption.</p>	<p>Changed Percent Complete from 90% to 91%.</p> <p>Reminders via BMG meetings have continued throughout March and additional communications will be sent in April. The number of prohibited role combinations is steadily declining but there are still over 200 to address.</p>	December 2021	August 2024	Finance	Brent Rasmus
SYS-0023 University Vehicle Accident Reporting Process Assessment	<p>The University Vehicle Accident Reporting Process Assessment Project (herein referred to as "Assessment") is a result of an ongoing State Compliance Audit finding related to Accident Reports testing. Specifically, the auditors have tested whether the University is in compliance with two benchmarks when an accident occurs in a university owned vehicle: (1) was the accident reported timely to CMS per the Illinois Administrative Code and (2) was the accident reported timely to the University per University policy. Several State Compliance Audit findings have been attributed to university noncompliance in accordance with this testing.</p> <p>The Assessment will examine the vehicle accident reporting structure implemented through policy and procedure at each of the three universities. The gathered information will then be utilized to determine whether a legislative change, change in State rules, or a change in University policy or procedure would assist in decreasing the number of State Compliance Audit findings in relation to this testing. The overall goal of this project is to improve the Vehicle Accident Reporting process to increase compliance under the State Compliance Audit.</p>	<p>Changed Percent Complete from 5% to 55%.</p> <p>We completed all the initial stakeholder meetings with the System Policy Office, UIC Transportation Office, UIUC Fleet Operations, UIS Transportation Office, and Office of Risk Management where we walked through the individual process/procedures and policies utilized when a vehicle accident occurs at the three universities and the output was updated individual process maps. Our team is now preparing for the larger stakeholder group meetings where we will meet as a group to begin discussions focused on potential improvements to the overall processes at all 3 universities and potential policy and/or legislative changes. In preparation, we are reviewing the interview notes, combining the responses, confirming the information, and determining areas of concern and areas of opportunity.</p>	October 2023	June 2024	Finance	Bill Patterson, Ginger Velazquez
ITPC-0700 Commodity Codes clean-up for improved reporting	<p>The Commodity Code Clean-up effort will consist of updating our current NIGP Commodity code listing and deleting/terminating outdated and user created codes. This effort will also include a change management effort based on creating new policies and procedures around proper use of the codes, as well as creating a system for review and approval of user codes that need to be added.</p>	<p>Analysis continues on this initiative. One dependency/risk is that we need to cross check tables to ensure that the commodity codes we are planning to terminate will not impact anything in the Banner/iBuy systems. Meetings are being scheduled to determine what commodity codes are tied to items in Fixed Assets, iBuy, and others so that we can ensure they remain in place as we terminate and/or update the commodity codes database. We need to also renew our subscription with Periscope and make sure that there haven't been any significant changes to NIGP since our account lapsed.</p>	December 2023	May 2024	Finance	Aaron Carter, Dan Szajna
ITPC-0674 HR/UPB updates due to new SURS Pension Admin System	<p>SURS will be transitioning to a new Pension Administration System in the next 4 years. This will require significant modifications to existing business processes and systems. Human Resources (HR) and University Payroll & Benefits (UPB) will need to analyze current business processes, determine how they need modified and implement new policies and procedures to accommodate the new system. AITS will need to modify existing applications, files and reports for the various SURS components that exist today. In addition, there will be a need for new applications, files, and reports to meet the needs of the new SURS Pension Administration System.</p> <p>Expected Benefits: Faculty will have accurate reporting of SURS eligibility and benefits to SURS / Meet the requirements of the new system</p>	<p>Kick-off meeting scheduled for March 6th.</p>	March 2023	April 2027	HR	Jami Painter, Cheri Canfield , Shari Mickey-Boggs, Melissa Mlynski, Larry Hanyzewski
ITPC-0620 Replace SecApp to improve access request / provisioning	<p>This project's purpose is to build, integrate, and deploy an AITS Security Application to replace the existing, homegrown product that has reached its limits of effectiveness and adoption at the University. The AITS ITPC-0584 Security Application Analysis project team completed a full examination of the current process and wrote user stories with requirements that aided in evaluation of a build or buy (vended) solution recommendation. The overall final recommendation to the University of Illinois AITS Leadership was to utilize the existing midPoint application architecture as a backend to meet the existing business needs and allow for additional functionality and future growth. Additionally, the recommendation included creating a governance structure and establishing standard processes for integration and adoption post-implementation as well as develop a training plan to assist in adoption of the new product.</p>	<p>The quarterly planning committee meets tomorrow to review the 1st quarter plan and make updates and changes as necessary. The Team is now moving forward with UX design and backend development of the foundation of the approval process. The focus group review session for approvals went well and we gained very valuable feedback from the USC's that are also approvers. Provisioning will come next, but we also determined that a redesign of the request access screens is required due to a few items found when walking through the process with analysts and the developer.</p>	August 2021	December 2025	Technology	Kelly Block, Karen McFarlin

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ITPC-0605 Impl ITSM(IT Svc Mgt) and PPM(Proj Mgt) Cloud Solution	<p>This project is to purchase, integrate, and deploy an enterprise ITSM and PPM Software as a Service (SaaS) private cloud solution to replace the existing, vended on-premise product that has reached its limits of effectiveness and adoption at the University. The ITSM Research Group, formed by the U of I IT Leadership Team, built criteria to analyze and evaluate vended solutions that could meet the University's business needs and replace the existing solution. The ITSM Research Group provided a gap analysis, decision criteria evaluation, and overall final recommendation to the U of I IT Leadership Team that pointed to TeamDynamix as the selected vendor to meet existing business needs and allow for additional functionality and future growth.</p>	<p>The TDX contract renewal has been completed. The renewal included a 10 workflow package for iPaaS usage. There are 3 workflows being identified and scoped out for VIP assistance from the TDX team to be implemented. Limited training for iPaaS was made available. A few key resources from System Office are included in that training occurring on April 15th. The Grouper integration effort is on hold, as one of the iPaaS 3 pilot workflows will be similar in functionality.</p> <p>PPM reporting requirements are nearing completion with the primary PMOs using the PPM portion of the TDX platform. Currently, the PMOs will keep EDW access to PMO-type groups, with an approver for each university PMO providing review and approval to access requests. The team will move into design and development once requirements are completed.</p>	October 2019	June 2024	Technology	Kelly Block, Cynthia Herrera Lindstrom, Tulio Llosa, Greg Gulick
SYS-0022 Analysis of potential Banking Disbursement Services RFP	<p>Our current bank is BNY Mellon. We have been with them since 2006. Senior management has determined it to be beneficial to consider changing the incumbent bank, and review and evaluate alternative solutions and products that are available in the market.</p> <p>The primary goals of this effort are to solicit proposals relating to banking services for the following disbursement activities:</p> <ul style="list-style-type: none"> University Payroll account to disburse payroll direct deposit (ACH) to university employees at all locations University Payables disbursement account for general disbursement activity for the University including check, ACH Student Refunds account to make ACH payments for student financial aid refunds <p>Funding account to facilitate the daily funding of disbursement activity for the accounts referenced above.</p> <p>Review and evaluate new services and products vendors may have to offer to improve efficiencies and operations of the System</p> <p>Once it is determined what services a new banking service can offer based on the RFP output, we will decide what current processes could be impacted and what services we will be requesting from that new banking service. An implementation proposal will be submitted to PAPP and ITPC for the implementation of the new banking service as well as any new services or adjustments to current processes.</p>	<p>Waiting to hear back from Treasury Services on when they are ready to continue. The first draft of the RFP is nearly complete. The plan is to send out to groups once finalized for their first review. Will give them some time to provide feedback and come up with any questions they have. We will then review their responses and work on an updated second draft and send back for final reviews once complete. Lastly, we will gather everyone for a meeting of all groups for final comments before finalizing the RFP.</p>	February 2023	March 2024	Treasury	Nichole Roberts, Sarah Crane