

OIT Project Status Report

If you have questions about a specific project, please contact the Associate Director of Projects, Brent Phillips, at 303-492-4033 or bphillips@colorado.edu

Last Updated: 6/23/14

Number	Priority	Name	Manager	Description	Customer Benefit	Date Started	Percent Completed	Status Comments	Production Impact
Shaded projects indicate projects added since the last report.									
1	1 - Extreme	Microsoft Office 365	Christie Drovdal	<ul style="list-style-type: none"> Provision Faculty, Staff, and Students, including Alumni and Retirees etc., to Microsoft Office 365 core applications Migrate Messaging and Calendaring for the University of Colorado Boulder Faculty and Staff from Microsoft Exchange Server 2007 to Microsoft Office 365 	Office 365 is cloud based and allows access to e-mail, documents, contacts, and calendars on nearly any device and provides simple and secure collaboration with colleagues. Office 365 includes SharePoint, Exchange, and Lync online and Microsoft Office.	3/28/13	45%	<p>Client Functionality and Client Migration Behavior Re-Testing</p> <p>Results of the testing will be reviewed and broke into manageable action items. The items that can be resolved (client version or SP levels) will be and for those clients that will require action after being migrated the steps will be documented for configuring or reconfiguring. These items, as well as addressing messages over 75 MB, calendar delegations, and departmental breakdowns will be added to the migration preparation planning.</p> <p>EMT's will be needed for both migration preparation and after migrations. At this time the estimate is 4 to 5 onsite to assist.</p> <p>OIT SharePoint and Lync Testing Targeted to begin next week, 6/25 after OIT is provisioned.</p> <p>UPN Change UPN was successfully changed from @ad to @colorado today, 6/23. OIT and OIT Student staff with mailboxes will be provisioned as beta testers tomorrow, 6/24.</p> <p>Message Size Reduction Change Communication and documentation is being created for this change. Change is scheduled for 7/8.</p> <p>Target Milestones By June 30th - UPN Change Complete (change date is 7/1) By July 31st - Campus wide Provisioning Complete In August - Start migrating OIT</p>	June 18th
2	1 - Extreme	IT Services and Applications Accessibility	Clemith Houston	<p>This project will implement policies, procedures, services and documentation in support of accessibility capabilities and compliance for IT equipment, systems and services on the CU-Boulder campus. This project will specifically implement those actions described in a resolution proposal document in response to addressing barriers to University services, programs and activities by students with disabilities, including students with vision impairments. The primary IT services to be remediated include Google Apps, Digital Textbooks, Digital Signs, Portals, websites for homework and course-related content, and online placement and diagnostic exams.</p>	<ul style="list-style-type: none"> Enhanced ability of students with disabilities to and utilize supported IT services and applications on the CU-Boulder in fulfillment of educational and academic pursuits. Improved knowledge and understanding by faculty on appropriate uses of technology for teaching and available accommodations for disabled students. Enhanced usability of supported IT applications and services for all campus associates. Increased usage of supported IT applications and services by all campus associates, including those with disabilities. 	4/14/14	5%	<p>The four core teams are moving forward with assigned tasks. These teams includes the IT Accessibility – Policy and Exception Process, IT Accessibility – Application and Technical Services Remediation, Development of IT Accessibility Support Services and Communications and Documentation team.</p> <p>The working group met on Friday 6/20. Charters are complete or near completion for all core teams. Meeting minutes were posted in the shared drive space. Team leaders have scheduled additional meetings for their teams.</p> <p>Three accessibility consultant organizations were reviewed. These organizations are being considered to participate in strategic planning, analysis and roadmap assistance. One of these organizations will be onsite this week for an in-person interview with the working group and steering team. This is scheduled for Wednesday 6/25. Feedback from the executive team is that they were pleased with the project progress, per Larry.</p> <p>Near term deliverables including construction of a matrix that identifies the primary deliverables of each core team and its association with supported services and applications that are in scope for either remediation and/or enhanced documentation, campus communications and support. Project manager is drafting this for week for the Wednesday meeting. This will assist in further clarifying the targeted outcomes of the core teams and any potential overlap or dependencies beyond what has been identified in their team charters. This will also support the build of the work breakdown structure and enhancement of the existing project schedule.</p>	

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3	2 - High	ARPAC Version 2	David Normann	ARPAC v.2 will pursue the development and implementation of an online system to manage content related to academic program reviews, including Office of Planning, Budget and Analysis data, catalog listings, curriculum vitae, self-study responses, internal review reporting, external review reporting, aggregated external review reporting, ARPAC review reporting for individual units and for the aggregation of units in a particular review year. The successful online system will permit the display of the aforementioned content along multiple dimensions from a single page view, including by unit, by review year according to a review reporting subject, and to permit the user to display information in other custom ways without needing to go to another page view. The system will manage user identities so that users can be provisioned into the system and de-provisioned with a minimum of manual administration. The system will integrate with the front-end arp.colorado.edu site and will comply with university identity standards. Development efforts will take into account lessons learned from the previous engagement with the BlackBoard LMS.	Greater awareness about the progress of reviews and about campus strategic priorities identified by reviews are the primary expected system benefits.	11/12/13	12%	<p>ARPAC is both a technology and a committee overseen by the Office of Faculty Affairs. The ARPAC v2 solution is intended to assist with the management and facilitation of the program review process. The Academic Review and Planning Advisory Committee's (ARPAC) work is one of several phases in the program review process.</p> <p>Project status:</p> <ol style="list-style-type: none"> Catapult creating a proposal to produce a mockup in order address the custom queries that Faculty Affairs is looking for. This proposal will be based upon the Office 365 version of Sharepoint which has limitations with respect to applied customizations. Meeting with Catapult on 6/23 to review their proposal and discuss iterations. <p>Key milestones for this project include:</p> <ol style="list-style-type: none"> Catapult mockup approval: 6/27 Procurement processes complete: TBD (duration dependent upon procurement process selected) Implementation: TBD 	October 2014
4	2 - High	D2L Service Improvement Team	Aisha Jackson	<p>Business Case: The 2013 OIT Customer Satisfaction Survey identified improving Desire2Learn's ease of use and reliability as being strategic to increasing satisfaction of OIT critical clients. Those critical customers who were neutral, dissatisfied, or very dissatisfied with OIT most frequently identified the Desire2Learn service as the primary reason for their dissatisfaction. Improving critical client satisfaction in the OIT service represents two strategic focal points in the OIT Strategic Plan.</p> <p>Mission: Develop a list of recommendations for improving the ease-of-use and reliability of the Desire2Learn service.</p>	<p>The objectives are Focal Point 2.1.1 and Focal Point 2.1.2 of the OIT three-year strategic plan:</p> <p>Focal Point 2.1.1 Achieve a 50% Improvement in Critical Clients' Assessment of 'Ease of Use' with D2L From 45.6% to 22.8% (Minimum) by End of Academic Year 2014 – 2015</p> <p>Focal Point 2.1.2 Achieve a 50% Improvement in Critical Clients' Assessment of 'Reliability' of D2L From 79% Neutral or Dissatisfied or Very Dissatisfied or Extremely Dissatisfied to a Maximum of 39.6% by End of Academic Year 2014 – 2015</p>	10/21/13	25%	No update.	
5	2 - High	Oracle Identity Management	Clemith Houston	OIT will remediate its Identity Management service by replacing the Sun Identity Manager product and developing a new solution in collaboration with University Information Systems, UCD, and UCCS.	<ul style="list-style-type: none"> Oracle Identity Manager (or comparable solution) is implemented and supported. CU IdM is retired. Data is cleansed as appropriate. Ability to establish a complete view of a university person, including affiliations and access privileges is achieved. Simplification of the login process, including a reduction of the number of login processes and passwords used. Implementation of auto provisioning and de-provisioning based upon business roles, including a reduction in time required. Achievement of shared service model implementation with university partners. Established process for "on-boarding" new services to be provisioned. Compliance of affiliation logic with eduperson model from Internet2/InCommon. 	10/17/12	40%	<p>Project team is working on building and configuring the development environment in the multi campus service center. This is being done in accordance with the checklist developed.</p> <p>All of the UCB hosted virtual machines to support services and applications to be used in the development environment and connect with the OIM environment have been created and SIS has completed their tasks. The remaining tasks are in progress and include the following:</p> <ol style="list-style-type: none"> LDAP (OUD / OVD) (Marwan/Daniel) – Marwan and Daniel building directories. AD DC / AD Connector Server (Pregash) - Pregash performing remaining build on AD DC and Connector Server. Exchange (div is being used by IDM) (Pregash/M&C) - Pregash performing remaining build. Kerberos (Daniel) - Daniel performing remaining build. Uniquid (Daniel) – Daniel performing remaining build. <p>Ilene scheduled and led meeting on Monday, 6/16 to begin work on planning the migration of existing secondary accounts into non-primary account groups. This will also include deprovisioning for those secondary accounts no longer in use.</p> <p>Project team meeting on 6/23 to continue discussion regarding automating account creation and approval process for specific non-primary (secondary) accounts using ServiceNow.</p> <p>Project team meets this Thursday. Project manager will update overall schedule, status of development environment activities and completion</p>	Phase 1 Deployment - 11/14

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								percentages based upon recent progress. Near Term Milestones: 7/1/14: Multi-campus (shared services data center) development environment is configured according to development environment checklist OIM Implementation Phases Phase 1: Power User Interface is available for training and administration. No changes to existing Sun IdM (CUIDM) interface for end-users. OIM provisions three directories: ED person, ED user and Routing LDAP in parallel to the production provisioning of these in the Sun One Directory that serves existing LDAP clients. Campus LDAP clients continue to use the existing SunOneDirectory services. Exchange may be provisioned by OIM during this phase (optional). Target date: November 2014 Phase 2: Campus LDAP clients transition from legacy provisioning to provisioning from OIM using Oracle Virtual and Unified Directory services. OIM is provisioning Google. End user and administrator training is complete; however, end-users remain on the current Sun IdM (CUIDM) user interface. Documentation and all service readiness tasks for campus complete. Exchange may be provisioned by OIM during this phase (optional). Target Date: TBD – Spring 2015 Phase 3: OIM is provisioning remaining resources (Active Directory, Kerberos, Uniquid and Exchange). The user interface for end-users is transitioned to the OIM user portal. The Active Directory that is provisioned by OIM also provides AD sync services to Office 365. CU Access is provisioned by the OIM Oracle Virtual Directory. Target Date: TBD. Spring 2015	
62	High	Salesforce.com Platform Implementation	Nalini Kaplan	<ul style="list-style-type: none"> CU-Boulder wants to provide a consistent student/constituent/customer experience across academic and administrative units. CU-Boulder requires the ability to handle constituent communications and relationship management in a more holistic, coordinated way. We can realize efficiencies of scale by having one enterprise Salesforce.com (SFDC) instance rather than siloed instances in Leeds, Law, UComm, etc. We need shared processes and systems to deliver this consistency and coordinated way of doing business; the Salesforce.com platform is a primary enabler. SFDC is critical to several of CU-Boulder's strategic objectives, including improving student retention and graduations rates such that at least 80% of our undergraduate students graduate within six years and then stay engaged in the CU-Boulder community as active alumni and supporters. 	<ul style="list-style-type: none"> Provides a robust platform upon which we will build applications/functionality geared toward end-to-end management of key relationships including students, donors, industry partners, alumni, parents and other constituents. The platform is an enabler for the following benefits which primarily staff and secondarily faculty, students and alumni will be share across the campus: <ul style="list-style-type: none"> Consistent and coordinated experience across academic and administrative units through improved shared activity history, workflow automation for streamlining processes, activity monitoring and inquiry routing Prospective and current student profiling to provide a comprehensive view of student details, co-curricular interests, activities, preferences and academic advising Access to the complete constituent engagement history to quickly answer questions and resolve issues Prospective and current 	5/9/14	0%	<ul style="list-style-type: none"> Changed status from No Status to Green. Nalini on board April 1, 2014 as new CRM Deployment Manager Attended and applying learning from Advanced Administrator training Developed and submitted Salesforce Enterprise Project Charter Obtained approval for project from OIT Directors Developed Salesforce Implementation Services RFP Created and submitted RFP with suggested vendors and evaluation criteria to PSC for Salesforce Implementation Services. We expect the RFP to be released by next Monday to potential vendors. Developed position description for Salesforce Administrator/Configuration Specialist Established Academic Advising/Student Success working group with A&S Developed high level user license estimate Bought a 'starter set' of Salesforce licenses with which to begin enterprise setup and configuration Developed high level CRM iteration plan/scope for FY2015 Developed and distributed SFDC requirements / persona templates to AAC Worked with the Arts and Sciences Advising team to scope out first release for advisors. Key goal is to replace current advising system and improve key processes. Gathered initial requirements from the Office for Performance Improvement to use Salesforce to manage their projects. Established contacts with Units for Salesforce project(s): <ul style="list-style-type: none"> Law Leeds School of Business College of Arts and Sciences – AAC CEAS – Civil Engineering 	

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					<p>constituent profiling to provide a comprehensive view of business, donor, and affiliated organizations' details, activities and interests</p> <p>o Opportunity management to enable student recruiting, industry collaboration and business development</p> <ul style="list-style-type: none"> • Shared Architecture/Platform/Data Integration • Business intelligence and reporting for better student and constituent insights and management 			<ul style="list-style-type: none"> o Office of Industry Collaboration o Campus Communications o Office for Performance Improvement o CEAS – CAETE • Evaluated Salesforce applications: <ul style="list-style-type: none"> o Deltak, TargetX for Student Success o Donor Management Systems, including Blackbaud and RoundCause o Riva Server MS-Exchange connector, TaskRay project management, Mission Control project management, • Developed starter set of Student Success attributes which may be source for early alerts • Collected requirements and observations of undergraduate advising in the AAC • Viewed and analyzed current AAC academic advising system • Configured development/demo Salesforce environment (free developer version) • Developed demo and recommendations for OIT time tracking initiative • Worked with Leeds Salesforce team – Joanna Iturbe and Dave Kohnke – to assess viability of Leeds' 'custom objects' use in the enterprise instance of Salesforce. They have joined our Salesforce Power Users Group and will be key advisors and stakeholders going forward. 	
7	2 - High	Server and Desktop Virtualization Infrastructure Project (VDI)	Ari Harrison	Implementation of a virtual desktop infrastructure that will be leveraged by lab environments starting next summer. By virtualizing desktops and software used in labs, we will be able to provide software more quickly and efficiently to labs, while gaining the ability to provide this same software to student and faculty personal devices.	<p>A VDI Infrastructure will provide the ability to more easily and quickly provision computer labs to departments that need them. It will also provide students and faculty access to lab software outside of the labs, on their own devices. Thin-clients also have a reduced energy footprint, which would provide lower energy costs to the university.</p>	9/17/12	80%	<p>Changed percent complete from 77% to 80%. 6/20 AH:</p> <p>SIS team has successfully racked and stacked the VOIP infrastructure, and will be back on VDI project starting 6/23. They will be continuing to monitor and fix the storage latency issue that has been occurring for the last few weeks. The bulk of the work for this week has been executed by Jeff Greene's ATS team. Their progress is listed below. They have done a great job so far, and they deserve all of the credit for taking care of the View and Image side of the house.</p> <p>6/19-6/20:</p> <p>ATS team started testing on VDI-General and has discovered a few bugs and issues already. The support for higher resolutions, such as that found on the iMac, present a frame refresh issue that we have addressed and worked out with the exception of dual-monitor iMacs.</p> <p>Engineering is still being created and is already at the same point as the General image. This is currently waiting for Engineering specific applications to be installed. Only the "big-hitters" and most-used applications are going to make it on the initial build. The 175GB image was simply too large for ILIO to handle with its current amount of memory. We're going to be building this in stages and provisioning as much as ILIO can handle.</p> <p>Both images still need to be optimized utilizing the PCoIP.adm policy. This should improve the YouTube and other audiovisual performance issues we're seeing today.</p>	TBD

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								<p>6/18</p> <p>VDI-General was provisioned out to 150 desktops. Unfortunately, the ATS team did get into balloon space and into their 6% (23GB) spare RAM. It's back down to 100 now and will be modified to 3GB RAM instead of 4GB in attempt to get more around 60 vm's effectively on each host.</p> <p>VDI-Engineering is imported and configured in View. There are some minor optimizations that Gene Mattingly will make this evening, similar to what he did to the General image last evening (6/17) for tomorrow's big spin up.</p> <p>According to Gene M.: Tweaking the internal images themselves and some settings within View specific to the pools. The back-end is doing great! Sandy's team and Lewan/Cisco did a great job connecting all the pieces correctly!</p> <p>6/17 AH: - vBoss is currently supporting the VDI-General image utilizing IIO and the B200s - VDI-General is running as linked-clones with functional provisioning and AD joins - OIT-ATS Admins have permissions to test the General Pool - VDI-Engineering is currently re-exporting and will be set up tomorrow (today)</p> <p>6/13 AH: IIO installation complete (Minus the ESX hosts that weren't completed) Reconfiguration of Nexus and UCS was successfully carried out</p>	
8	2 - High	Service Now Phase 3 - All OIT Customer Issues and Requests	Jon Budoff	The purpose of this project is to establish uniformity within OIT for handling customer issues and requests, and to ensure that all of these cases are worked within ServiceNow.	Everyone in OIT will be using the same tool/service (ServiceNow) for working customer issues and requests, resulting in consistency of processes and equivalency of data for analysis.	10/21/13	80%	<p>Changed percent complete from 70% to 80%.</p> <p>D2L Course Requests: Received feedback from Aisha about concerns regarding duplicate requests that get created in SN (this can happen when a customer submits multiple requests via the mycuinfo webform, but it's really for one course with crosslists), and 'duplicate' surveys that would result in all requests are closed out. Proposed solution, and awaiting feedback from Aisha when she returns from vacation.</p> <p>Networking Static IP, etc. requests: Marcia's back from vacation, so need to schedule meeting to discuss how to best handle getting information from the newip program into the SN cases, as necessary.</p> <p>Tim C.'s STAT group: Training completed with Tim on 6/18. ServiceNow development completed on 6/20, so work for STAT group is now complete.</p>	TBD 3/20/14

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9	2 - High	Survey Instrument Development Team	Kimberly Parker	<p>Business Case: This is an enabler on the OIT Strategic Plan. There is currently no customer satisfaction data for certain activities performed by some OIT groups. Although these areas have some individual survey data, they are mostly not using ServiceNow. Some of the groups that need to collect client satisfaction data may be able to use ServiceNow if workflows are adjusted however this team is addressing the gap associated with work that cannot be adequately surveyed as a transaction.</p> <p>Mission: This team will define the types of work that do not currently have an instrument for gathering client satisfaction data. This team will develop appropriate survey instruments to ensure we are able to capture customer satisfaction. Initially, four categories of work have been identified that require specific survey instruments. Those categories are:</p> <ul style="list-style-type: none"> • Scheduling (S) • Project Work (P) • Consulting (C) • Training (T) 	<ul style="list-style-type: none"> • Strategic Intent 2: Significantly Improve Client Satisfaction With OIT Services Among Critical and Significant Clients • Strategic Intent 3: Significantly Improve Client Satisfaction With OIT Transaction (Reactive) Services Among All Clients 	10/18/13	55%	<p>Changed percent complete from 50% to 55%.</p> <p>1. Consulting survey status is that the questions and answers are nearly ready for testing. A few changes and additions are still needed:</p> <ul style="list-style-type: none"> · Changing FIRSTNAME LASTNAME to Consultant - Meredith · Add ATS logic – Meredith <p>2. Review survey test protocol and panel process to be done next week – Kimberly and Meredith</p> <p>3. Gather a list of team members and stakeholder and send to Meredith – Kimberly</p> <p>4. Send survey test instructions, anonymous link and communication to team members and stakeholder list - Meredith</p> <p>Training survey status is that the questions and answers are complete and it is ready for review.</p> <p>5. Review survey test protocol and panel process to be done next week – Kimberly and Meredith</p> <p>6. Gather a list of team members and stakeholder and send to Meredith – Kimberly</p> <p>7. Send survey text to team members and stakeholder list. This does not need to be done using a Qualtrics link because it has not yet been decided how it will be distributed. - Meredith</p> <p>8. Meet with all Service Managers to fill out matrix for survey deployment discussions – invite Meredith to all so she can attend when she is available- Kimberly</p> <p>9. Determine when or if a project survey is needed for OIT given the amount of actual client-facing project work is done in OIT. The information for this decision will also be a part of the matrix. - Marin, Kimberly and Team Discussion</p>	Unknown at this time
10	2 - High	Time Reporting Team	Brent Phillips	<p>Business Case: A gap has been identified within the BPE roadmap that OIT is unable to identify the cost of our services provided to the campus. One component in understanding the costs of our services is our labor costs and the amount of time staff spend on building, deploying and maintaining services. Having an effective time management system will allow OIT to develop and execute a total asset utilization (TAU) analysis on a unit-by-unit basis.</p> <p>Mission: Develop a comprehensive time management process / system for OIT</p>	This cross-functional commissioned team will be working on Strategic Intent 4, Focal Point 4.1.1.	9/27/13	70%	<p>Changed percent complete from 55% to 70%.</p> <p>Updated name of project to reflect that the project will end once the new tool has been selected. Another project will be responsible for implementation, training, etc.</p> <p>RFP documentation and tool requirements reviewed with CIO DR team on 6/16. Final requirement and project team adjustments made. RFP documentation sent 6/23 to the FBO to begin the RFP process. Talking to Brian and Sean this week about the timing of the next steps.</p>	

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11	2 - High	Voice over IP (VoIP) Implementation	Melanie Pappas	This project will replace the University's existing Avaya telephone and voice messaging systems with a new Cisco Voice over IP (VoIP) Unified Communications (UC) system. This will include telephone, call center, voice messaging, e-mail integration, presence, instant messaging, E-911 emergency responder, and other current technologies.	State of the art Unified Communications services will be provided on the new Cisco system. This will include new IP telephones on all desktops, plus telephone, call center, voice messaging, e-mail integration, presence, instant messaging, E-911 emergency responder, and other current technologies	3/25/14	25%	<p>Changed percent complete from 20% to 25%.</p> <p>Near Term Milestones: Every Wednesday 1 pm - weekly project meetings - Webex 6/26 - Test and acceptance plan comments due (Google Docs) 6/20-21 - UC staging, application builds - COMP and SPSC 6/21 - 7/9 - UC System integration, testing, validation 6/30-7/4 - Prime Collaboration Installation 7/3 - 7/12 - AD Integration for active employees - voice mail 7/10 - 7/12 - Avaya integration and DID number migration Plan to complete migration of voice mail and automated attendant by July 31</p> <p>Coordinating with Cisco to further define schedule milestones and target dates Ready to test new PRI circuits to COMP and SPSC Developing campus communications for service transitions Final review updated CRD / HLD / LLD documents Need BoM True up Need to return unneeded equipment Need to determine plan and servers for system backup (July 9) Coordinating PoE requirements in telecom rooms Continuing with Network readiness (QoS, VLANs, etc.) Installing gateways, cards, cabling, etc. for Avaya integration Planning to port all DID numbers to new PRI circuits July 12 Ensuring VMWare licensed Successfully Tested Phybridge equipment for IP phones over 3-pair cabling in some locations Need to coordinate user training sessions / documentation / videos / rooms Will research/evaluate Fax Sever options after Phase 1</p> <p>Phase 1 system rollout will include: Replace existing Avaya voice mail with Cisco voice mail including voice mail service to all users and all automated attendants - need phased roll-out - must re-record all greetings Deployment of IP phones and pilot Unified Communications (presence, Jabber, e-mail / v-mail integration) to OIT staff and representatives from other departments, OIT call center 5-HELP Will follow-up with server to early adopters for feedback</p>	June 2014
12	3 - Medium	10-Gig Backbone connections to campus buildings and data closets	Ray Baum			8/14/12	40%	No updates at this time	none at this time
13	3 - Medium	Casper Suite	Craig Heiden	OIT DDS need a programmatic, central way to manage Macintosh computers. Currently the OIT Labs group uses the Casper management suite to manage Macintosh lab computers across campus. The purpose of this project is to create a common Casper Management infrastructure that will be leveraged by both ATIS Labs and DDS to manage the machines under each groups' purview. This project will build on information learned during the Casper Pilot Project as well as production experience with the product and use these lessons for implementing Casper 9. The project will include at least three server instances (both VMs and physical), will utilize the Site functionality of Casper 9, and will involve creating policies around application creation and management. Casper 9 also is capable of managing IOS devices (iPhones, iPads, etc), which may eventually prove useful.	<ul style="list-style-type: none"> Application deployment to managed Macintosh computers Inventory of managed Macintosh computers Imaging of Macintosh computers Software update/patching of managed Macintosh computers Software packaging Configuration of the systems Whole disk encryption management Software metering for licensed applications IOS device management 	3/25/14	50%	<p>Changed status from Green to Yellow.</p> <p>During testing a bug has been discovered. The vendor has been engaged to work on the issue. Managed Services have been very helpful in assisting Dilan. We do not at this moment have an ETA on a fix, hopefully by 6/20/14. This issue has delayed the testing, which is why the status has changed to the At Risk status. The issue is related to Red Hat Linux. There are potential work-arounds for this issue if the Red Hat related problem remains uncorrectable, specifically have the JSS use a different operating system (like Ubuntu or Windows Server).</p>	
14	3 - Medium	CU Boulder PKI Services	Ari Harrison	A public-key infrastructure (PKI) is a system for the creation, storage, and distribution of digital certificates which are used to verify that a particular public key belongs to a certain entity. The PKI creates digital certificates which map public keys to entities, securely stores these certificates in a central repository and revokes them if needed. . This project will evaluate and implement PKI options required to support client and computer digital certificates.	<ul style="list-style-type: none"> Enable high assurance digital certificates to be used for digital signatures The need for alternate connection methodologies could be deprecated by utilizing computer certificate based authentication SCCM project will function at high efficiency with PKI in place Direct Access will be possible with campus PKI in place Macintosh machines will be able to leverage MS Forefront AV software Bitlocker decryption will be enhanced to enable an additional decryption key similar to Symantec (formerly PGP) encryption 	4/17/14	2%	<p>1. Working with Kevin Mayer and Kris Easter to understand the implications of the changes in architecture. Some delay due to team availability but expect clarity by 6/27. Impact on testing may not be fully understood until 7/11 due to key personnel vacations. 2. Course provisioning workflow may be on hold as well.</p> <p>Milestones: Course provisioning workflow: July 11th Updated architecture: 7/11 Updated testing estimate: 7/11 Course provisioning: TBD (dependent upon testing) People provisioning: TBD Enrollments provisioning: TBD</p>	

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15	3 - Medium	Desire2Learn Provisioning	David Normann	Integration of Desire2Learn with Campus Solutions Student Administration Integration Pack (SAIP)	Integrating Desire2Learn with Campus Solutions Student Administration Integration Pack (SAIP) will improve how courses, users, and enrollments are provisioned in Desire2Learn.	1/26/11	50%	<p>1. Development. Kevin Mayer still working on the completion of the UIS Oracle 11g upgrade activities (mostly web services security) which are now set to complete by the end of the month.</p> <p>2. Testing. Kevin, Lisa Lucas, and Joseph Sarmiento continuing to work on test cases for the most recent requirements. Team is working through an issue where individual sections are coming across as courses. Preparing to complete as much testing as possible before Lisa's vacation.</p> <p>3. Implementation. Meeting with Joseph on Thursday to work through the risk of the implementing course provisioning before the rest of the provisioning components.</p> <p>Milestones: Course provisioning: July 24th People provisioning: TBD Enrollments provisioning: TBD</p>	August 2014 (Course provisioning)
16	3 - Medium	Employee Focused Input System Team	Lonnie Francescatti	<p>Brief Description: Create an Employee Focused Input System for OIT</p> <p>Mission: Create an Employee Focused Input System for OIT that allows employees to easily submit suggestions to help drive the employee's department toward achieving its strategic initiatives. The system should notify the employee's supervisor about the suggestion, allow the supervisor to review and comment on the suggestion, allow revisions by the employee to incorporate supervisor feedback, and provide interim and final states such as not reviewed, reviewed, approved, not approved, completed, and not acted on. The system should provide the ability to report by employee, supervisor, or initiative the suggestions and numbers in each unit. Additional information which must be accessible for management purposes includes, by unit, the # of suggestions received, the number of suggestions implemented, the response time for suggestion turnaround, the estimated value of each suggestion if it relates to a KPI, the category of the suggestion as associated with the OIT strategic plan, and the percentage of employees in each unit submitting one or more suggestions, all within a time period through time.</p> <p>In addition, the team needs to create the marketing, communication and education plan to educate the targeted individual contributors and supervisors that will be the primary users of the system.</p> <p>For inspiration and general structure, the team should consider drawing extensively from the successful "My Voice" effort by Molex Singapore.</p>	The Employee Focused Input System is an enabler to the OIT strategic plan	10/30/13	90%	<p>UCOMM presented to the team the EFIS branding and campus marketing ideas on 6/17. The Employee Focus Input System will now be branded as CU-Boulder IDEA PORTAL. UCOMM will continue to polish the documentation.</p> <p>Roll out of the pilot was 6/18 with a presentation and walk through of the application and process with all of OIT support supervisor's. Supervisors will have until 6/24 to have their local initiatives entered into the system which they would like to solicit ideas on.</p> <p>Roll out meeting scheduled for the remainder of OIT support staff to include student employees on 6/25 for a presentation and walk through of the application and process on how to submit an idea. After this meeting the pilot will be considered live. The EFIS team will continue to analyze feedback, technical and survey data through the pilot phase.</p>	March 1 - Tentative Prototype Rollout
17	3 - Medium	Faculty Affairs and DEPA	Orrie Gartner	Consulting, assessment, service mapping and migration of UCB departments or work units IT platforms, services or applications to OIT's private cloud or hosted infrastructure service offerings. Specifically, moving DEPA off of Faculty Affairs' infrastructure onto OIT Shared Service infrastructure and upgrading current Faculty Affairs' infrastructure to new hardware.	<ul style="list-style-type: none"> Well maintained secured high availability IT infrastructure and environment. OIT's services and support structure and resources. Environments managed to Industry best practices (ITIL) by skilled IT professionals. Environments located in industry rated secure data center with redundant networking, UPS and backup generator with 24 x7 incident response. Lower departmental support cost (OS/hardware support contracts, licensing, training of personal etc.). 	6/14/13	70%	DEPA test and production environments need to move to the EDB. The DEPA dev environment has moved to the EDB dev. Next steps are to move DEPA test to the EDB test environment and have testing performed (Kathy Lenz will do this). Then, we will set a date for the production move.	some time in February

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18	3 - Medium	Geographically Separate Directory and Authentication Services	Clemith Houston	The "Geographically Separate Directory Services" project seeks to mitigate the risk of rendering critical services unavailable during an incident or disaster which would cause an outage to the authentication and mail routing systems in the Computing Center data center. Directory services provide authentication, which is the gateway to all critical OIT applications. Without the ability for users and administrators to log in to applications and systems, the application availability is greatly reduced or completely unavailable. Directory services also provide mail routing, which enables in-bound and out-bound email communication. Other directory services, including people search, will be enhanced, as well.	Higher availability of all services that utilize campus authentication systems. This will also enhance service availability for future projects that will also rely on campus directory and authentication systems.	9/6/13	78%	The project team met on Tuesday 6/10 to review recent testing and conduct a post review of the network and DNS architecture that will be implemented as part of the project and service outcomes. The project team agreed that testing, including applications such as D2L and ServiceNow was sufficient and provided required information to support moving forward with the changes. The lack of application test environments with a significant number of campus applications that rely on LDAP services is still an issue and risk, but can't be addressed immediately. Dates for the scheduling the proposed changes, including the DNS change for directory.colorado.edu and the subsequent separation of the LDAP servers between the computing center and SPSC data centers are being identified. These will be submitted to the change request process for review and evaluation. This will be done the week of 6/23. The status will be moved back to green once we addressed any outstanding concerns and have completed the change review and approval process.	June TBD for IP change for directory.colorado.edu and June TBD for LDAP server distribution
19	3 - Medium	Implement OIT Service Catalog	Melinda Easter	The OIT Consolidated Service Catalog project Phase I – completed in fall 2014 - created OIT's definition of a service, produced an official list of OIT Services and their service owners, defined the structure of the OIT service catalog, created processes and procedures related to service catalog management, and determined a source system for service catalog data. The purpose of this project is to build upon those results by implementing the OIT Service Catalog in ServiceNow with minimal impact to OIT customers or teams.	<ul style="list-style-type: none"> • A service catalog provides the basis for understanding existing OIT services and their functions. • A service catalog facilitates discussion between campus customers, OIT staff, and other IT staff on campus about the services OIT provides and the services OIT ought to provide. This will form the basis for future SLA and OLA discussions. • The service catalog clarifies expectations for OIT and its customers in a common structure and in a common place. • A consolidated OIT Service Catalog in ServiceNow will facilitate: <ul style="list-style-type: none"> o Consistent information is available to all communications channels. o Easier identification and updating of missing catalog information o Improved customer identification of Service Managers and SLA/OLA's for all OIT services • Implementation of the service catalog in ServiceNow supports OIT's continued implementation of the ITIL framework (integrating service portfolio practices, incident management, change management, configuration management, etc.) 	6/19/14	2%	Changed status from No Status to Green. Changed percent complete from 0% to 2%. PM is working on project management plan and roles and responsibilities matrix. Met with Jon Budoff to discuss high-level approach including possible design review by Cloud Sherpas. This option is available although it may not be necessary. We'll have a clearer picture of the path we need to take once we have a more concrete plan in place. Meeting scheduled with Luke to discuss any requirements he may have.	August 2014
20	3 - Medium	Kittredge Distributed Antenna System	David Bodnar	Work with Housing & Dining Services, wireless service providers, and third party solutions providers to address cellular coverage deficiencies in Kittredge Central and Kittredge West residence halls. This will involve deploying a Distributed Antenna System (DAS). Project is unique in that it aims to improve services provided by third parties.	Students will be able to reliably place and receive phone calls and text messages from a mobile phone in any public/occupied area of the building. This is critical since landlines are not provided in the rooms so students rely solely on their mobile phone for voice communications and text messaging.	11/19/13	85%	Changed percent complete from 80% to 85%. Q and A with team and Kevin Sherman about ServiceNow occurred in last meeting. Vote on tool will occur this week. SalesForce demonstration will happen in this week's meeting.	Spring 2014

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21	3 - Medium	Knowledge and Collaborative Space Team	Robert Schwander	<p>Business Case: There are at least three knowledge management related systems for an organization of less than 300. A system that fulfills the requirements of the entire organization is more than plausible, considering the relatively small number of employees. Upkeep of multiple systems seems to be a waste of money and labor. Combining and opening knowledge to all OIT employees in one location will improve Employee Empowerment in terms of knowledge and tools. A consolidated location for all knowledge to be stored, allowing for better visibility into the processes and greater collaboration between OIT groups. A single repository for knowledge will allow for quicker collaboration between groups, more accurate/up to date information, which should directly relate to solving customer issues more quickly at both first glance and when escalated.</p> <p>Mission: Select the software solution for use as the OIT primary knowledge and collaboration system. The chosen solution will most closely fit the needs/requirements of the organization.</p>	<p>Strategic Objective 1.2 Significantly Improve the Overall Empowerment Rate for All Full- and Part-Time (Excluding Students) OIT Personnel from 60.00% to 90% (min) by EAY 2014-2015</p> <p>Focal Point 1.2.1 Significantly Improve the Overall Empowerment Rate for All Full-Time OIT Personnel (Excluding Students) from 57.9% to 90% (min) By EAY 2013-2014</p> <p>Focal Point 1.2.2 Significantly Improve the Overall Empowerment Rate of All Part-Time OIT Personnel (Excluding Students) from 84.6% to 90% (min) by EAY 2014-2015</p> <p>Specifically, increase empowerment in the areas of Knowledge and Tools</p>	10/28/13	75%	Changed percent complete from 70% to 75%. Drupal demo environment is almost setup. The team will be evaluating the new tool for the next week.	
22	3 - Medium	ListProc Replacement Project	Christie Drovdal	<ul style="list-style-type: none"> Replace Listproc with an updated version of list software. Sympa will be the replacement software. Migrate all existing Listproc lists over to the new Sympa environment. 	<ul style="list-style-type: none"> By replacing Listproc with Sympa we will have modern email list management software that can be updated in the future. Listproc hasn't been updated since 1997. Sympa provides very similar functionality to Listproc; existing users will not lose any critical functionality due to the change. Support for modern email message formats. Listproc is currently limited to text only, non-HTML email messages. Sympa will have a web interface that provides user and administrative interfaces. <ul style="list-style-type: none"> mailing list archives can be browsed/searched list members / owners can review the list members subscribers can post messages List owners can view logs related to their mailing list. Mail distribution is very fast thanks to a built-in bulk mailer. User information is stored in a RDBMS to gain a faster response time. Lists can have up to 700 subscribers. Listproc only allow 200 subscribers. List creation can be automated. Currently a manual process. 	1/6/14	20%	<p>Next round of lists are scheduled to be deleted on 7/9</p> <p>Next set of list that will be cleaned up and communicated to are list that do NOT have an affiliated owner but HAVE been used in the last year.</p> <p>Production VM for Sympa is being rebuilt this week to match Test VM.</p> <p>Milestones: 6/13 - Test and Production VM for Sympa are complete 6/30 - Documentation and Communication for Sympa July - Start migrations from ListProc to Sympa</p>	June 13th 2014

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23	3 - Medium	National Solar Observatory Relocation to Boulder 2014	David Normann	<p>This project will manage the 2014 portion of the National Solar Observatory move to the CU Boulder campus. The personnel moves, facilities activities, and all other aspects of the NSO relocation are part of a broader effort overseen by the NSO. The project manager for this project will participate in this broader effort and will also be the primary interface for IT relocation efforts for the NSO project manager. As a result, there may be some requirements imposed upon this project in addition to those required by the OIT project processes.</p> <p>During the summer of 2013, several moves already occurred into the Space Science Center (SPSC) building. These included two personnel from NSO Integrated Synoptic Program (NISIP) and approximately six personnel from the Daniel K. Inouye Solar Telescope (DKIST) program.</p> <p>This goal of this project is to complete the IT portions for an additional twelve personnel into temporary office space in the SPSC, provide IT relocation support for the existing eight staff and researchers within the SPSC, and plan for the 2015 NSO moves as needed.</p>	NSO researchers and staff will be able to temporarily transition to Boulder with minimal disruption to their IT services in preparation for the permanent moves scheduled for 2015	6/12/14	10%	<p>Changed percent complete from 5% to 10%.</p> <ol style="list-style-type: none"> 1. SPSC N130-B moves. Activations and move-in began 6/16. Ordering printer and updating budgets. 2. SPSC 2nd floor to first floor. Scheduled for 6/26. 3. NSO 2015 planning. Scheduling a tour of the 3rd floor with Jane Kenney's team. <p>Milestones: <ol style="list-style-type: none"> 1. SPSC N130-B moves - completion: July 2014 2. SPSC 2nd floor to first floor - completion: July 2014 3. NSO 2015 planning: Oct 2015 (for this project) </p>	June 26th
24	3 - Medium	Performance Management Continuous Improvement Team	Jennie Brucker	<p>Business Case: The purpose of this team is to continue to improve upon the initial work done to make the performance management process for OIT fair, transparent, objective and consistent. Improvements are needed to address lessons learned and feedback after the first round of use.</p> <p>Mission: Implement changes and improvement to the new performance management process for OIT employees given what was learned in the first round of use and incorporating feedback.</p>	Linkage to Strategic Plan: Strategic Intent – Significantly Improve Employee Empowerment Enabler JB1.1 – Continually Improve OIT's Performance Management Process in order to improve employee empowerment across OIT.	3/18/14	20%	<p>Changed percent complete from 95% to 20%.</p> <p>The PMCI team will begin meeting bi-monthly on June 11th to begin developing modifications for the 2015-2016 Performance Cycle. Priorities include developing clear measurement factors for core competencies and a standardized peer feedback process for qualitative assessments.</p>	N/A
25	3 - Medium	Registry Restructuring	Kevin Notheis			3/23/12	90%	<p>Changed percent complete from 85% to 90%.</p> <p>We've made small modifications to the new data model in the Registry. We just need to test the data loader and validate that the data model is sound and we'll be ready to move to production. We anticipate moving to production and wrapping up the project by the end of June.</p>	Unknown
26	3 - Medium	SAC Decommissioning	Kerry Havens	<ul style="list-style-type: none"> • The Special Account Creation (SAC) service is a web portal for student participants to claim accounts on a few OIT and departmental systems. • The SAC service was inherited by OIT from the Computer Science department. The original developer is no longer at the University and the service is becoming increasingly difficult to support. Rather than trying to maintain code written by another department, OIT should decommission the service and provision accounts on the systems based on course rosters directly. • Students will no longer have to "claim" an account. The account they need will be provisioned based on course information and the needs of the department. • This is a stop-gap solution until OIM can provision departmental systems at an enterprise-level. 	<ul style="list-style-type: none"> • Customers will no longer see a delay in their provisioning during peak times • Students will no longer have to go through an extra step to "claim" an account • Scripts will be maintained according to OIT's development standards 	3/25/14	15%	<p>Changed status from Yellow to Green.</p> <p>Changed percent complete from 10% to 15%.</p> <p>The project team is slowly starting to make progress again. Several iterations of proofs of concept have been tested. IAM will continue to test and will reach out to SIS as needed for functionality review. We now have the new contact for ECEE if we get to a state to test there soon, as well.</p>	
27	3 - Medium	Science DMZ	Christie Drovdal	The Science-DMZ will provide research groups on campus with improved high-speed access to local, regional and national Cyberinfrastructure resources. It will enhance the existing Science-DMZ capabilities by allowing for better traffic separation, improved scalability and resiliency, state-of-the-art real time security and performance monitoring.	Better traffic separation Improved scalability and resiliency Improved security and performance monitoring	2/1/13	95%	<p>Over the next few weeks the cables will be laid will full cable management, dressed with correct connectors, and connected to the OOB infrastructure. Pending confirmation of status and progress this project will be turned red if this date is going to be missed again.</p> <p>Milestones: 6/20 – Installation of Cables Completed 6/27 - OOB Network in Production 6/30 - Project Close out and Celebration 6/30 - Project Close out and Celebration</p>	No additional impact scheduled
28	3 - Medium	SCOM Build-out and Rollout for OIT	Orrie Gartner			8/20/12	60%	<p>The project is waiting on Eric Schoeller to have resources to rack the equipment.</p>	May 2014

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29	3 - Medium	Secure Wireless and EduRoom	Ari Harrison	Create a new wireless network that is encrypted, implements client security checks, and allows broader access to the campus network to University employees and students. The project will improve security by limiting the unsecure protocols used for Windows and Unix servers (e.g., CIFS, NFS) on UCB Wireless. The project will also further restrict UCB Guest so that non-internet facing servers are also not accessible from UCB Guest.	Improved security by reducing the exposure of sensitive information routinely sent over the UCB Wireless network and reducing the potential that other wireless clients can cause harm to other wireless clients or the campus resources.	10/22/13	50%	Changed percent complete from 30% to 50%. 6/20 AH: Internal testing has proved that the latest iteration of the captive portal solution does work. However, there are a few tweaks that need to be made to make the process simpler for the user. As a result, a hiatus has been placed on UAT testing that is currently being handled by the ITSC team under the direction of Danny Cantu. Some config changes to the Google IP address spaces will be done do the authentication ACLs, by Max Lopez, in concert with the some captive portal web development changes that will be done by Bob Schwander. Once those changes are in place, internal testing will be executed to ensure the the process does work and is more streamlined. By opening up the Google IP address space, it will mitigate potential IP address changes that may change the location of the Google Play store, which the users needs to download SecureW2's onboarding supplicant tool and connect securely to the wireless network. Once internal testing is done successfully, the ITSC group will perform UAT testing. It is our goal to finish UAT testing by COB on 6/27, thereby giving Tyler Schoenke the ability to officially declare that the solution works, so that we can proceed with the implementation phase.	TBD
30	3 - Medium	Spaces Study Phase 2 - Computing Labs	Jeff Greene	The University of Colorado Boulder relies on computer-equipped classrooms, commonly referred to as computer labs, and other technology-enabled learning spaces to fulfill its academic mission. In an effort to better understand the distribution, types, and functions that labs serve, a broad study of computing labs should be undertaken. In addition, because there is increasing demand to evolve both physical lab space and the access to software that has traditionally been met through computer labs, the campus would benefit from further data to help inform strategic decisions for the evolution of computing labs.	The main benefit to OIT internal units is additional information about labs current and future states including inventories, usage, funding models, support, and recommendations for innovation. There could be significant benefit to both OIT and Campus if the project is able to identify efficiencies in funding models for hardware and software, lab administration, hardware support and maintenance, and hardware lifecycle management.	10/21/13	50%	The lab contact list is complete and has been shared with David. Once the contact list is reviewed, we will send the survey out to the identified customers.	TBD
31	3 - Medium	SPSC Data Center Phase II (CP159313)	David Bodnar			8/29/12	85%	Changed percent complete from 70% to 85%. Electrical work, including pulling and terminating wire to the gear is complete. It has not been inspected, and inspections may lead to additional work as problems are identified. This is true for mechanical systems too where we may have a problem with the damper actuator motors. The epoxy floor is complete. Final cleaning has been scheduled. As construction wraps up the focus will shift to commissioning, including verifying the fault-tolerant/fail-safe features of the facility and documentation. Work is also being done to prepare the "pods", including racks, PDUs, containment, structured cabling, network electronics, and monitoring.	2014 Q1
32	3 - Medium	TMS Replacement Implementation	Jane Kenney	The current Telecom Management System, Bercilak, needs to be replaced as the database was created back in 1986. It currently is in need of hardware and software upgrades and with the challenges of diminishing technical expertise, the time has come to look at the next generation database to support OIT communications services, enhance capability, modify business practices and be prepared for the future VoIP project. The product chosen in PCR 360.	<ul style="list-style-type: none"> • Web interface for more enhanced mobility • decrease paper reliance • Up to date technology with automatic field population • Easy to use interface for internal and telephone liaisons • Automate service requests for service requests • Automatic order population • CATV service database • Inventory control system • Future integration with ServiceNow 	12/12/13	40%	First data load is almost complete. PCR has to enter the data into the database for a few key areas. Second training session occurred 5/29-5/30. This highlighted information that was lacking or not in the right locations. I have engaged Jon Budoff and Craig about integration options with SN. They are going to get back to me with resource availability for Craig to do the most simple integration with a deeper dive at a later date. I have engaged Big River barcode to look at options for our inventory management solution. WebEx to be scheduled the week of 6/16. CATV, Fiber data and inventory lists are all actively being created to be entered into the system.	

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33	3 - Medium	TOPAZ Implementation Project	David Normann	<p>TOPAZ Elements has been chosen as the electronic Research Administration (eRA) application to be implemented at the University of Colorado – Boulder campus to provide a means for electronically managing IACUC protocol submissions and reviews, animal facility census, billing, animal orders, and animal tracking at a minimum.</p> <p>The eRA application solution will provide essential business tools that have become a standard in the compliance field. The eRA will provide an efficient means to conduct protocol reviews, animal tracking, cost accounting important for cost recovery, and animal census and billing. Furthermore, the eRA solution will allow for a clear process for communication and documentation between all stakeholders to increase compliance and reporting that is currently not possible with a paper-based system.</p> <p>Currently, the University of Colorado - Boulder uses a paper-based system to facilitate the research administration and researcher's tasks performed by the Office of Animal Resources (OAR) and the Institutional Animal Care and Use Committee (IACUC). Animal program management tasks, including protocol management, animal ordering, animal tracking, animal billing, and animal census, are conducted disparately according to each lab's operating procedures.</p>	<p>The Benefits of an eRA solution:</p> <ul style="list-style-type: none"> • An eRA will facilitate the oversight responsibility by the IACUC as mandated by the Public Health Service Policy, the Animal Welfare Act and Regulations and help identify problem areas to reduce risks of non-compliance. • Standard of care as outlined in the Guide for the Care and Use of Laboratory Animals can be sufficiently monitored and documented through an electronic database. • An eRA allows the ability to do cost accounting to determine per diem rates and recover costs. • The eRA application will ensure proper management and oversight of the animal care program to protect grant funding and animal research investments. • The eRA application will improve compliance, efficiency, and process to assist in reaching our goals of obtaining AAALAC Accreditation, maintaining the Animal Welfare Assurance, and securing stability in the program. Without this investment, inefficiency will drain funds, and the Institution will be at risk of not attaining our goals. • Documentation of training. Training documentation will be centrally located and easily shared by researchers and various groups in the animal care program. • It will allow for monitoring progress, turn-around times, and documentation for protocol and amendment review. • The eRA will allow us to track animal use accurately. • The eRA will track expiration of protocols, permits, MOUs, IIAs and send out notices • The eRA will enhance communication and streamline processes. • It will reduce paperwork and provide a centralized database of comprehensive protocol information and history. 	4/22/14	7%	<p>Changed percent complete from 6% to 7%.</p> <ol style="list-style-type: none"> 1. Topaz recommendations. Topaz working on their set of configuration recommendations which are due by 7/11. Team agreed to engage Topaz to have a sandbox created for ten weeks beginning in July to help with training preparation and questions. 2. Team efforts. Working on a work breakdown following the site visit outcome. Expect first draft by 6/27. 3. Dev environment. Topaz was unable to meet appointment scheduled for 6/24. Rescheduling. Expect to complete by 7/3. 4. Security review meeting scheduled for 7/16 <p>Milestones:</p> <ol style="list-style-type: none"> 1. Dev environment: July 3rd 2. Topaz recommendations: 7/11 3 Topaz training: Week of 7/28 	January 2015
34	3 - Medium	Transition Juniper VPN Services to Cisco ASA VPN Services	Ari Harrison	<ul style="list-style-type: none"> • The Juniper SSL-VPN appliances have reached end of life and no further software upgrades will be made available for this particular platform. Rather than purchasing newer platform Juniper appliances OIT is recommending transitioning Juniper SSL-VPN users to the new cisco ASA VPN services that were deployed in March 2014. 	<ul style="list-style-type: none"> • Single VPN service for all campus customers • Cisco ASA allows for uptime resiliency based on geographically separated appliances • Current and future supported VPN solution from leading manufacturer 	5/21/14	2%	<p>Changed status from No Status to Green. Changed percent complete from 0% to 2%. 6/23 AH:</p> <p>The team approved the latest iteration of the project charter. Scheduled our next meeting for this Thursday to confirm the roles and responsibilities for those on the project, as well as create the first iteration of the work breakdown structure.</p>	

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35	3 - Medium	Unidata Remediation	Ari Harrison	<p>The Unidata servers are "at-risk" as they are hardware EOL'd and software EOL'd both in operating system and Unidata.</p> <p>(bercilak, bedivere, perceval, tristan)</p> <p>Development and production Unidata platforms remain non-transitioned and require End-Of-Life servicing. The current state of these systems heightens security/privacy risks, relies on unsupported and unserviceable software platforms, lacks clear R&R funding, and is hardware conditions on most platforms are out of service and as a result puts several key services at risk.</p> <p>This project is intended to remediate the above hardware and software that is part of the Unidata development platform and infrastructure to the latest versions. This will include the establishment of separate development, test, and production environments, all with supportable hardware and the latest supportable version of Unidata, the move of applications from old hardware to the new production system, and retirement where possible of applications.</p> <p>End date is an estimated push to production timeframe. Once the project picks up steam and tasks are being completed without interruption from other priorities, I will reach out to Burton and request a new date.</p>		4/10/13	99%	<p>Changed percent complete from 82% to 99%. 6/23 AH:</p> <p>-Held Lessons learned meeting on 6/16. Received feedback from all relevant stakeholders, documented the information and placed in the Lessons Learned folder on the wiki.</p> <p>-Updated the project schedule to reflect the latest 99% complete</p> <p>Next dates: Power down and disposal of legacy equipment: 7/11</p>	6/9/14
36	4 - Low	Campus Building Automation System Data Sharing	Eric Schoeller			8/29/12	15%	We may simply find a way to backdoor into the campus BAS systems and eliminate the need to actually "share" data. The coordination effort is just simply far too complex and time consuming. Stay tuned.	2014
37	4 - Low	Enterprise Password Management	Kerry Havens	<p>The Enterprise Password Management project seeks to acquire, implement, and make the Secret Server application available to OIT staff. Enterprise password management is used to secure passwords for shared accounts with elevated security privileges. Examples of such accounts are service accounts, accounts used by one application to communicate to another application, and local system administrator accounts.</p>	<ul style="list-style-type: none"> • Ability to share root and administrative passwords or other secrets with others with the need to know • Ability to share certificates • Base access on role-based and least privilege best practices • Audit and remove access to privileged information as roles change • Provides a controlled central repository for OIT passwords and secrets 	5/28/13	20%	Investigating the interoperability with Qualys scanning services.	
38	4 - Low	Geo Sciences Addition	David Lindblad			8/24/12	48%	MAC and Wet Lab have all design accepted with the exception of the wireless design and T5 review.	
39	4 - Low	iClicker National Database	Robert Leary	<ul style="list-style-type: none"> • Currently, CU Boulder uses a locally hosted enterprise database to provide a place where instructors can direct their i>clicker and i>grader programs to connect i>clicker ID numbers to student names (from their roster). Using the system as it exists today, students first need to register the i>clicker ID to their Identikey using the portal. Then, instructors gather i>clicker data in class by polling the class using the i>clicker program. Next, instructors (outside of class) need to upload a roster from either the CU Portal or from D2L. This process takes approximately 15 steps. Finally, using the i>grader program, instructors can click the sync function in the program to query the database and "link" the clicker ID's collected in class (and all their answers) with the student Identikey information from their rosters. • The project is to move the registration database from CU to i>clicker. Instead of connecting to our database locally, instructors would link to the nationally hosted i>clicker database. We would no longer be responsible for hosting and maintaining said database. 	<ul style="list-style-type: none"> • OIT will be able to fully integrate i>clicker/i>grader data into D2L. The process of downloading a roster from D2L and uploading grades into D2L will change from 15 steps per operation to at most three steps each. Major time and frustration will be saved by streamlining the process of using i>clicker and D2L. Furthermore, OIT would no longer have to be responsible for maintaining a single-service database. 	5/21/14	0%	Received new agreement from Macmillan New Ventures for i>clicker use on campus.	

Number	Priority	Name	Manager	Description	Customer Benefit	Date Started	Percent Completed	Status Comments	Production Impact
40	4 - Low	Magellan Retirement	Orrie Gartner	<ul style="list-style-type: none"> OIT SIS needs to decommission the Magellan server as it has become unwieldy to support given its age (12+ years old) and its legacy operating system (solaris). Hardware support for this system is no longer an option after this fiscal year. Magellan currently provides legacy e-mail to faculty members, software licensing to departments, and computational computing to various undergraduate and graduate users. There are other currently provided OIT services that should be providing the services Magellan currently performs and so we should reduce this duplication. Legacy hardware and Operating Systems are very difficult to support and require more admin hours than supporting newer systems. In addition, legacy hardware utilizes datacenter space, cooling, and electricity. This project will continue the process of moving OIT to its own shared services model as we retire old hardware from the datacenter. 	<ul style="list-style-type: none"> The services faculty and students rely on today will be moved to a more robust environments. For example, anyone receiving e-mail on Magellan.colorado.edu will be moved to Exchange. Any computational work can be potentially moved to Research Computing or, for the computational work which cannot, to publicly available computational Linux servers used for educational use, such as soils.colorado.edu. File storage or web pages can move to other publicly available systems including rintintin, spot, or simlab. Software licensing used for teaching will be moved to more robust stable environments (OIT's central ATS license servers) 	4/30/14	20%	<p>Changed status from No Status to Green. Changed percent complete from 0% to 20%. All users with "mailhomes" on this server have been contacted. Working with them this past week to request Exchange e-mail accounts.</p> <p>All services currently provided by magellan have been identified though still trying to finish mapping these services to current OIT services.</p>	
41	4 - Low	Mediasite 7 Upgrade	Duncan McBogg	The Mediasite 7 upgrade is necessary to enhance the functionality of the service offering as well as the expansion of the back-end infrastructure and storage environment.	Increased video capture rate on computer image from 5 to 30 frames per second. This will allow faculty to record smooth motion computer videos on the Mediasite recorder, e.g., YouTube video played from a computer.	6/4/14	40%	<p>Changed status from No Status to Green. Changed percent complete from 0% to 40%. Mediasite 7 Upgrade project status #1 6/18/14:</p> <ul style="list-style-type: none"> -Justin Suzuki has been working with SIS and monitoring status of VDI private cloud (as the Mediasite 7 upgrade is entirely dependent on the private cloud being up and running) -Secured a Sonic Foundry Sales Engineer for remote assistance during the week of the planned upgrade (August 4-9) -The Mediasite 7 upgrade will include high availability (HA) architecture -To mitigate risk, we plan a concurrent upgrade to Mediasite 7, while leaving the 6.1 environment in tact throughout the fall 2014 semester -Communicated and confirmed upgrade plan with UC Colorado Springs, as they leverage our server environment -ATS completed acquisition of hardware "refresh" recorders (which means that all Mediasite recorders will now be compatible with the new Mediasite 7 software) 	
42	4 - Low	OIT 'Operations' Desktop Network Redesign	Orrie Gartner	The OIT "operations" Desktop Network Redesign project seeks to simplify and consolidate the multiple different network various OIT folks in the computing center currently reside on who work in an "operations" or "development" roles. As a result of the re-org, more users in various groups require access to production systems and networks and because members of the same team are currently live on different subnets, it is very difficult to manage. There are currently at least 4 different desktop networks making routing and security management difficult, complex, and error prone. The goal is to simplify, standardize, reduce complexity, and thereby reduce management complexity and risk of errors.	<ul style="list-style-type: none"> Simplify the network Reduce complexity in routing Reduce complexity in firewall rules Allow admins to efficiently perform their jobs Simplify management Reduce risk of errors due to the current complex environment 	6/14/13	98%	<p>Changed percent complete from 96% to 98%. Documentation is now complete. Final piece is to communicate to the service owners in the computing center. This will occur at next service meeting.</p>	March 2014
43	4 - Low	Rec Center Addition and Remodel	Melanie Pappas	New voice, data, and video cabling and services for the Recreation Center currently being renovated	Voice, data, and video services for the renovated Rec Center	8/24/12	99%	<p>Changed percent complete from 98% to 99%. Final punch list items remain</p>	Jun-14
44	4 - Low	Web Conferencing Transition Project	Duncan McBogg	The objective of this project is to define the dependencies, tasks, support, and communication related to OIT's transition from the Adobe Connect hosted service to the Zoom conferencing cloud environment.	<ul style="list-style-type: none"> Easy-to-use interface for Web conferencing and meetings Software tool to interoperate with video conferencing systems Ability to record meetings locally and control what happens to the content 	4/22/14	75%	<p>No percentage change since Duncan was out on vacation June 2-13. Next steps:</p> <ul style="list-style-type: none"> Coordinate with OIT Communications team to edit/revise and publish Zoom content, and remove Adobe Connect content where applicable Continue fulfilling security requirements in cooperation with ITSO Dedicated Zoom training for DDS and ITSC representatives this week and next <p>Specific items from T&L team:</p> <ul style="list-style-type: none"> Develop D2L/Zoom LTI Documentation for the OIT Website - Complete; needs OIT Communication teams input and resources Submit removal of D2L/Adobe Connect integration to CAB Remove D2L/Adobe Connect integration Remove D2L/Adobe Connect documentation from the OIT website Publish D2L/Zoom LTI Documentation Update OIT Service Catalogue 	Cloud service - N/A

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45	Not Ranked	Campus Utility East District Energy Plant (EDEP) (CP144260)	Melanie Pappas	New voice, data, and video cabling and services for the new EDEP currently under construction.	Voice, data, and video services for the new EDEP building	4/10/13	20%	Changed status from Green to Yellow. Changed percent complete from 18% to 20%. Construction continuing on building structure Telecom drawings and specs incorrect OIT commented on ASI-32 in January and ASI 48 in May - no revisions received Value Engineering to reduce incoming copper cabling Outside conduit work is continuing Inside telecom pathway and cable work has begun - can't be inspected due to incorrect drawings Waiting for FacMan project manager to arrange coordination meeting with electrical and telecom contractors OIT Reviewed and rejected submittals - waiting for re-submittal with corrections	Spring 2014
46	Not Ranked	COMP UPS Replacement (CP150542)	Eric Schoeller			8/29/12	93%	There are still other close-out items that need to be completed.	2013 Q4
47	Not Ranked	CP142361 - SPSC Phase 1B	Eric Schoeller			8/29/12	76%	We still have other conduits to move before we paint. I need to generate a full punch-list for this project.	2013 Q3
48	Not Ranked	New Multi-Tenant Office Building	David Lindblad			8/24/12	1%	No update. We are waiting for SD phase to start.	
49	Not Ranked	Quality of Service - Networking	Ray Baum	This is managed work Ray's team is engaged on related to the quality of networking services.		11/8/11	75%	No updates, waiting for two Avaya phones to be placed into voice queue for testing purposes.	Feb 2014 build four new test queues at core router
50	Not Ranked	Secure Network Architecture / Routing	Orrie Gartner			8/20/12	5%	This will re-kickoff mid-April.	spring 2014
51	Not Ranked	SPSC N190 CFD Modeling / Cold Aisle Containment	Eric Schoeller			8/29/12	85%	Changed percent complete from 36% to 85%. Cold aisle containment was completed about a month ago. I need to review the scope of this project to determine if we have met all the objectives.	2014 Q2
52	Not Ranked	SPSC Power / HVAC Monitoring and Trending	Eric Schoeller			8/29/12	67%	Changed percent complete from 66% to 67%. Cabling needs to be re-pulled for the following devices: TVSS ION 7650 Meter Shark 200 Meters These need dedicated OIT jacks located somewhere and patch cables run through conduit. Don Thomas was engaged (which took a large amount of effort as previously reported) and now there is a project currently in-flight to install the necessary jacks to connect these various control devices. Cabling also needs to be repulled for CRAC-1/2/3. Paul Kieler established some conduit pathways under the raised floor for long patch cords. We need to utilize those, but the challenge was routing up into the CRAC units without going through the drain pans. He never found a solution that he was comfortable with. I added two dry contact points to the ATS to pickup TEST/EXERCISE and NOT IN AUTO. They don't work. I don't know why. I need to engage someone else to help. Maybe the block layout diagram I have is wrong, or upside down. All the LON devices are still only tied into the BAS, which FacMan still can't integrate properly with. This includes the ATS, Generator and Flow Meter. I really don't know what our direction is going to be with these items. They may get picked up into Phase 2. They might get tied in with the BAS data sharing project. It's really hard to say.	
53	On Hold	Backups / Consolidation	Orrie Gartner			8/20/12	35%	All the same resources as VDI/Cloud are needed for this project so we are in a holding pattern until (hopefully) June...	Spring 2014 - filling the storage position is crucial to this project.
54	On Hold	COMP 129D Battery Room Sensor Install / Monitoring & Trending	Eric Schoeller			8/29/12	28%	We still need to purchase the correct comm card for the ION meter. I bought some more twisted pair wire so I can now pull in the dry contact connections for the SPD/TVSS when I get time.	2014
55	On Hold	COMP 221 CRAC unit SiteLink Upgrade	Eric Schoeller			8/29/12	25%	No progress. No update.	2014
56	On Hold	COMP 221 Fiber Distribution System	Eric Schoeller			8/29/12	5%	We continue to run fiber under the raised floor. The proliferation of this continually increases our risk for an outage. If the new UCS/VDI infrastructure lands in COMP, we will need to expedite this.	2015

