

Departmental Offices

FY 2016

Capital Investment Plan

**Investment Name:** Departmental Offices (DO) IT Infrastructure End User Systems and Support (ITI EUSS)

**Type of Investment:** Major IT Investment

**Description:**

This investment is an enterprise view of DO's end user hardware (desktop, laptop, and PDAs), printers, software (operating systems, office automation suites, messaging, and groupware) and support services. It includes operation of the DO Help Desk.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total  |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|--------|
| DME Sub Total (Including Gov FTE) Costs | 23.04          | 1.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 24.04  |
| Total DME funding                       |                | 1.00    | 0.00    | 0.00    |           |           |           |                 | 1.00   |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| O&M Sub Total (Including Gov FTE) Costs | 35.11          | 11.95   | 13.31   | 9.04    | 9.10      | 9.17      | 9.23      | 9.30            | 106.23 |
| Total O&M funding                       |                | 11.95   | 13.31   | 9.04    |           |           |           |                 | 34.31  |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Total Cost (Including Gov FTE)          | 58.15          | 12.95   | 13.31   | 9.04    | 9.10      | 9.17      | 9.23      | 9.30            | 130.27 |
| Total Gov FTE Cost                      | 7.92           | 2.20    | 3.17    | 3.16    | 3.22      | 3.29      | 3.35      | 3.42            | 29.72  |
| Number of FTE represented by costs      | 63.00          | 17.00   | 23.00   | 23.00   | 23.00     | 23.00     | 23.00     | 23.00           | 218.00 |

**Summary of Purpose, Goals, and Benefits:**

Our workforce is heavily dependent on information technology to provide Treasury services. As employees become increasingly mobile, key data and services must be available to them regardless of their location. DO ITI EUSS must ensure successful IT operations to support this evolving workforce. IT operations today face demands for equivalent levels of service across multiple modes of delivery. The same individual often must have access to IT services from their office, home, and while mobile. This expanded access to IT services by each individual consumes significant resources and must be planned for as we look to the future of Treasury's IT infrastructure.

**Return on Investment:**

EUSS is a service provider program, not a revenue generating program. The return on investment is qualitative and is measured in the services it provides to its customer base, not quantitative as in the normal ROI definition.

The EUSS major investment supports the ACIO for Enterprise Infrastructure Operations Services. This program consists of agency funding and Shared Services funding that satisfies the information technology needs of a large customer base. The funding sources for EUSS provides for the administration of the IT infrastructure including personal computers, laptops, personal digital assistants, peripheral equipment, and the local area network infrastructure. Administration consists of providing all necessary personnel to fully and completely administer these systems; acquiring all hardware and software systems; inventory and asset management; installation; configuration; documentation; troubleshooting; backup and recovery; and continuity of operations (COOP). Administrative tasks include, but are not limited to hardware, software, and peripheral evaluation; testing, installation, configuration, upgrading, and troubleshooting; operating system installation and configuration; application software installation and

configuration; respond to, troubleshoot, and resolve issues routed from the Service Desk; network connectivity; asset management; troubleshooting and repair; software and hardware upgrades; media sanitization; excess equipment management; evaluating, testing, and upgrading hardware and software in accordance with DO policies and procedures; data backups and restores; and testing and deploying current patches, anti-virus software and definitions.

**Requirements/ Benefits/ Mandates:**

**Legislative Mandate:** N/A

**Audit Finding or Material Weakness:** N/A

**Agency Strategic Plan / Annual Performance Plan:** Department of Treasury 2012 to 2015 Strategic Plan.

The Department of the Treasury's Strategic Plan for Fiscal Years 2014 - 2017 collectively represents our goals and strategies for the diverse activities that enable the Department to effectively steward the nation's finances, promote economic and job opportunities, strengthen national security and achieve organizational excellence.

**Presidential Priority:** N/A

**Other Requirement:** N/A

**Accomplishments:**

DO IT has implemented Departmental Offices Remote Access DORA 2.0 that enables end users to access the DO network remotely from home computers and mobile devices.

**Planned Objectives and Accomplishments:**

Retire fat-clients in favor of thin-clients accessing data through Virtual Private Networks (VPN).

**Development, modernization, and enhancement timeframe:**

**BY+1:** Data and applications will be provisioned for access to Treasury constituents across other Federal agencies and the financial services community.

**BY+2:** Data and applications will be provisioned for access to Treasury constituents across other Federal agencies and the financial services community.

**BY+3:** Data and applications will be provisioned for access to Treasury constituents across other Federal agencies and the financial services community.

**BY+4:** Data and applications will be provisioned for access to Treasury constituents across other Federal agencies and the financial services community.

**Useful Life:**

**Year the investment began:** 1970

**End Year of the current planning cycle:** 2023

**Description of why the investment is not consistent with life cycle model defined in OMB Circular A-131.:** A traditional lifecycle for this investment does not exist.

**Performance Evaluation and Metrics:**

| Metric Description  | Measurement Condition | Reporting Frequency | Unit Of Measure | CY Target | Latest Actual Result | Date of Latest Actual Result |
|---|-----------------------|---------------------|-----------------|-----------|----------------------|------------------------------|
| Uptime for applications running on devices and the quality of customer experience.  | Meets Target          | Monthly             | 99.99           | 97.00     | 97.00                | 12/31/2014                   |
| PDA Management (BlackBerry): Managing the PDA device and ensuring appropriate services are activated.   | Over target           | Monthly             | Percent (%)     | 97.00     | 97.00                | 12/31/2014                   |
| End User Account Creation and Reset: Number of new end user account creation completed within a week after authorized request/ Total number of requests received. | Over target           | Monthly             | Percentage (%)  | 97.00     | 97.00                | 12/31/2014                   |

|  |             |         |                |       |       |            |
|--|-------------|---------|----------------|-------|-------|------------|
| Percent of service events that password reset is completed within 1 hour of receipt of request (Number of password resets completed in 1 hour of receipt of request/Total number of service events)                            |             |         |                |       |       |            |
| Proposed Installs, moves, adds, changes (IMAC): Number of events that meet requirement/ Total number of IMAC requests.   | Over target | Monthly | Percentage (%) | 95.00 | 95.00 | 12/31/2014 |
| Incident Resolution: Customer experience after service call to IT Helpdesk or Infrastructure group for service. This metric measures the customer's receipt of timely and responsive service. The overall customer experience. | Over target | Monthly | Percentage (%) | 97.00 | 97.00 | 12/31/2014 |

**Investment Name:** DO IT Infrastructure Mainframes and Servers Services and Support (ITI MSSS)

**Type of Investment:** Major IT Investment

**Description:**

This investment represents an enterprise view of DO's mainframes and servers, including hardware and software operations, licenses, maintenance, back-up, continuity of operations, disaster recovery, virtualization, and data center consolidation.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total  |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|--------|
| DME Sub Total (Including Gov FTE) Costs | 11.20          | 2.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 13.20  |
| Total DME funding                       |                | 2.00    | 0.00    | 0.00    |           |           |           |                 | 2.00   |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| O&M Sub Total (Including Gov FTE) Costs | 38.61          | 16.48   | 17.07   | 14.30   | 14.39     | 14.48     | 14.58     | 14.67           | 144.59 |
| Total O&M funding                       |                | 16.48   | 17.07   | 14.30   |           |           |           |                 | 47.86  |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Total Cost (Including Gov FTE)          | 49.81          | 18.48   | 17.07   | 14.30   | 14.39     | 14.48     | 14.58     | 14.67           | 157.80 |
| Total Gov FTE Cost                      | 5.11           | 1.70    | 4.56    | 4.48    | 4.57      | 4.66      | 4.76      | 4.85            | 34.69  |
| Number of FTE represented by costs      | 45.00          | 23.00   | 52.00   | 52.00   | 52.00     | 52.00     | 52.00     | 52.00           | 380.00 |

**Summary of Purpose, Goals, and Benefits:**

This investment depicts the cost of maintenance and development of the Treasury headquarters IT systems, which deliver sophisticated and critical operational and financial solutions essential to the management of the nation's financial markets. In the view of the Treasury Department's overall infrastructure operations, DO ITI MSSS has played an important role as the foundation of Treasury commodity IT solutions and provided the opportunity for IT optimization. Key service customers are the Financial Services Industry, the Federal Government, and Treasury Headquarters employees.

**Return on Investment:**

MSSS is a service provider program, not a revenue generating program. The Return on Investment is qualitative and is measured in the services it provides to its customer base, not quantitative as in the normal ROI definition.

The MSSS Major Investment supports the ACIO for Enterprise Infrastructure Operations Services. This program consists of agency funding and shared services funding that satisfies the information technology needs of a large customer base. The funding sources for MSSS provides for the data center operations and administration services associated with the provisioning and day-to-day management of the installed systems and software environment. data center operations services encompass major hardware and infrastructure software platforms including mainframes, server platforms, databases, application servers, operating systems, IP-based networks, and remote access services. Data center operations management requires a highly skilled IT staff equipped with an appropriate suite of automated tools to manage increasing service demands, data growth, migration to virtualized platforms and rising energy and operating costs. Operational modes also include business continuity, disaster recovery, demand planning, and preparedness to ensure business resilience and agility.

Changing business demands require an agile IT infrastructure that can rapidly transform the data center from an IT expenditure into a value-based business service capability. Data center management provides coverage of systems, IT security, business continuity, and disaster recovery.

The Treasury Department defines data center operations as the centralized support of information technology equipment, resources, and the underlying physical infrastructure along with the processes and organizational structure required to establish an IT operating environment. Data center operations has responsibility for the full support of the enterprise systems including problem determination, reporting and escalation, operating system upgrades, change control, version management, backup, recovery, capacity planning, performance tuning, system level scripting, storage and data management, physical asset identification, protection, and security management.

**Requirements/ Benefits/ Mandates:**

***Legislative Mandate:*** N/A

***Audit Finding or Material Weakness:*** N/A

***Agency Strategic Plan / Annual Performance Plan:*** The Department of the Treasury's Strategic Plan for Fiscal Years 2012 - 2015.

The Department of the Treasury's Strategic Plan for Fiscal Years 2014 - 2017 collectively represents our goals and strategies for the diverse activities that enable the Department to effectively steward the nation's finances, promote economic and job opportunities, strengthen national security and achieve organizational excellence.

***Presidential Priority:*** N/A

***Other Requirement:*** N/A

**Accomplishments:**

DO IT has established Departmental Offices Remote Access DORA 2.0 system for the end user remote access usage application.

**Planned Objectives and Accomplishments:**

Migrate EBS, EDM, Office of Financial Stability (OFS), Office of Financial Research (OFR), and other Main Treasury infrastructure to Memphis Computing Center starting with ECM infrastructure currently hosted at Qwest.

**Development, modernization, and enhancement timeframe:**

***BY+1:*** All Treasury-DO shared services (enterprise services) will be built as PaaS hosted on an IaaS that provides standard mechanisms for DMZs, capacity management, backup, and disaster recovery.

***BY+2:*** All Treasury-DO shared services (enterprise services) will be built as PaaS hosted on an IaaS that provides standard mechanisms for DMZs, capacity management, backup, and disaster recovery.

***BY+3:*** All Treasury-DO shared services (enterprise services) will be built as PaaS hosted on an IaaS that provides standard mechanisms for DMZs, capacity management, backup, and disaster recovery.

***BY+4:*** All Treasury-DO shared services (enterprise services) will be built as PaaS hosted on an IaaS that provides standard mechanisms for DMZs, capacity management, backup, and disaster recovery.

**Useful Life:**

***Year the investment began:*** 1970

**End Year of the current planning cycle: 2023**

**Description of why the investment is not consistent with life cycle model defined in OMB**

**Circular A-131.:** Cost models are investments based.

**Performance Evaluation and Metrics:**

| Metric Description   | Measurement Condition | Reporting Frequency | Unit Of Measure | CY Target | Latest Actual Result | Date of Latest Actual Result |
|--|-----------------------|---------------------|-----------------|-----------|----------------------|------------------------------|
| Security Patches and fixes for mainframes and servers: Deploy patch or within 30 days of release of fix. In cases of an urgent system vulnerability, patch or fix is installed as soon as it is available from vendor or responsible party.                            | Over target           | Monthly             | Percent (%)     | 97.00     | 98.00                | 12/31/2014                   |
| Uptime for Mainframes, servers, and network equipment: This metric ensures that DO mainframes and server assets are up 99.99% of the time each day except during scheduled maintenance.  | Meets Target          | Monthly             | Percent (%)     | 99.99     | 99.99                | 12/31/2014                   |
| Disaster Recovery/Continuity of Operations (COOP): Ensure that Primary Mission Essential Functions (PMEFs) continue to be performed during a wide range of emergencies, including localized acts of nature, accidents and technological or attack-related emergencies. | Meets Target          | Quarterly           | Percent (%)     | 97.00     | 97.00                | 12/12/2014                   |
| Customer Experience  | Over target           | Monthly             | Percent (%)     | 97.00     | 99.00                | 12/31/2014                   |
| Server refresh: Refresh activities completed. Performance Objective = Number of servers refreshed with OS/ Total number of servers.  | Over target           | Monthly             | Percent         | 95.00     | 96.00                | 12/31/2014                   |

**Investment Name:** HR LoB - HR Connect

**Type of Investment:** Major IT Investment

**Description:**

HR Connect is a Human Resources enterprise system. It is a web-based solution built on PeopleSoft software. HR Connect transforms core back-office HR functions, moving them from a processing-centric capability to a strategic-centric capability.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total  |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|--------|
| DME Sub Total (Including Gov FTE) Costs | 31.19          | 8.54    | 6.00    | 0.35    | 0.00      | 0.00      | 0.00      | 0.00            | 46.08  |
| Total DME funding                       |                | 8.54    | 6.00    | 0.35    |           |           |           |                 | 14.89  |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| O&M Sub Total (Including Gov FTE) Costs | 445.61         | 42.22   | 43.03   | 48.69   | 10.67     | 10.99     | 10.99     | 11.32           | 623.51 |
| Total O&M funding                       |                | 42.22   | 43.03   | 48.69   |           |           |           |                 | 133.94 |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Total Cost (Including Gov FTE)          | 476.80         | 50.77   | 49.03   | 49.03   | 10.67     | 10.99     | 10.99     | 11.32           | 669.59 |
| Total Gov FTE Cost                      | 73.02          | 9.74    | 10.44   | 10.36   | 10.67     | 10.99     | 10.99     | 11.32           | 147.53 |
| Number of FTE represented by costs      | 231.00         | 69.00   | 69.50   | 70.00   | 70.00     | 70.00     | 0.00      | 70.00           | 649.50 |

**Summary of Purpose, Goals, and Benefits:**

HR Connect is Treasury's enterprise human resources system. It is one of six federal OPM HR Lines of Business providing HR services to the federal government. HR Connect is based on a combination of (a) web-based solution built on PeopleSoft commercial-off-the-shelf (COTS) software, (b) Software as a Service (Saas) platforms (e.g. Talent Management and Career Connector) and (c) internally developed applications (e.g. Entrance on Duty System). HR Connect transforms core back-office HR functions, moving them from a processing-centric capability to a strategic-centric capability enabled through its commercial software underpinning. Additionally, self-service components of the software fundamentally transform the standard government HR service delivery model, putting additional information, services and processes (i.e., personal data, position management, requests for personnel action, recruitment, reporting, etc.) directly in the hands of managers and employees.

HR Connect supports the common HR Line of Business processes and provides core HR functionality that is interoperable, portable and scalable. This shared solution provides automated systems that are configurable to the individual organizations' needs while providing a single solution across the Department and federal landscape. HR Connect's core functions include: Personnel Action Processing, Managing Payroll, Administering Benefits, Time and Attendance and Labor Distribution. By enabling the retirement of legacy systems and automating and streamlining many aspects of human resources, HR Connect facilitates increased efficiency and overall productivity for its customers. HR Connect is the system used by all Treasury bureaus and several other government agencies (over 22 entities) with over 200,000 employees and contractors in total.

**Return on Investment:**

The return on investment (ROI) for HR Connect is 140%, which is based on cost-benefits calculations for new HR Connect customers. The Department of Labor calculated \$93 million in



cost savings over six years based on not maintaining and operating independent systems. USAID calculated it would save \$22 million in cost savings over four years by transitioning from a mostly paper-based system to HR Connect. The Department of Commerce calculated that it would save over \$50 million over four years by transitioning from a paper-based process to HR Connect.

HR Connect will also provide an excellent value for the federal government as it expands its customer base, which will reduce annual seat costs by 17% for all customers between FY 2011 and FY 2015. The reduction in seat costs will amount to millions of dollars in savings for existing customers. For instance, Treasury's share of shared program costs will decrease by 18%, or nearly \$4 million between FY 2011 and FY 2015.

**Requirements/ Benefits/ Mandates:**

***Legislative Mandate:*** N/A

***Audit Finding or Material Weakness:*** N/A

***Agency Strategic Plan / Annual Performance Plan:*** N/A

***Presidential Priority:*** 2004 President's Management Agenda.

***Other Requirement:*** HR Connect is one of five HR Lines of Business designated by the Office of Personnel Management. All federal agencies are required to migrate to one of these systems.

**Accomplishments:**

In FY 2014, the Treasury Shared Service Center deployed HR Connect Core to DOC National Institute of Standards and Technology, Fiscal Service and DOL, increasing the customer base by over 19,000 users. DOC NIST was deployed on 10/20/13, overcoming government shutdown challenges. The team deployed HR Connect Core, WebTA and Workforce Analytics to DOL on 5/17/14. Additionally, TSSC consolidated the PBD and FMS bureaus into the new Fiscal Service bureau. DOC and DOL began to realize projected savings as defined in their business case. Further, TSSC completed the first step in deploying HR systems to DOC National Oceanic and Atmospheric Administration and customers of Fiscal Service's Administrative Resource Center by completing the fit gap assessment phase. In support of new deployments, the EBS training team transformed HR Connect learning materials from basic classroom training into a series of new and innovative classroom and online training programs.

**Planned Objectives and Accomplishments:**

The Treasury Shared Service Center (TSSC) will continue to scale and expand HR Connect products and services to new federal agencies. In FY 2015, the Treasury Shared Service Center plans to expand to new customers, including:

- (a) Fiscal Service Administrative Resource Center Customers,
- (b) Architect of the Capitol, and
- (c) Entrance on Duty System 2.0 to external customers.

In FY 2016 and beyond TSSC will deploy new customers as they emerge and will continue to provide capabilities to enable its customers' missions.

**Development, modernization, and enhancement timeframe:**

***BY+1:*** Deploy PeopleSoft 9.3 upgrade and other new customers as they emerge.

***BY+2:*** Deploy new customers as they emerge and maintain current customers. Continue to identify new ways to enhance offerings to customers.

**BY+3:** Deploy new customers as they emerge and maintain current customers. Continue to identify new ways to enhance offerings to customers.

**BY+4:** Deploy new customers as they emerge and maintain current customers. Continue to identify new ways to enhance offerings to customers.

**Useful Life:**

***Year the investment began:*** 2001

***End Year of the current planning cycle:*** 2020

***Description of why the investment is not consistent with life cycle model defined in OMB***

***Circular A-131.:*** As one of OPM's five designated HR Lines of Business, HR Connect's central mission is to provide on-going Human Capital services to agencies within the federal government. Therefore, there is no defined end date to this program.

The alternatives analysis was conducted on the premise that HR Connect is a "going concern" and should only stay in operation as long as it provides the best value to the government.

**Performance Evaluation and Metrics:**

| Metric Description  | Measurement Condition | Reporting Frequency | Unit Of Measure | CY Target | Latest Actual Result | Date of Latest Actual Result |
|---|-----------------------|---------------------|-----------------|-----------|----------------------|------------------------------|
| System availability not including scheduled maintenance   | Below target          | Quarterly           | %               | 99.00     | 98.64                | 12/17/2014                   |
| Helpdesk availability by phone or email during business operating hours   | Meets target          | Quarterly           | %               | 99.00     | 99.00                | 12/16/2014                   |
| Percent of critical and high severity tickets resolved at the tier 2 level within 14 calendar days of being opened.                           | Over target           | Quarterly           | %               | 85.00     | 92.00                | 11/12/2014                   |
| Automated identification, collection, and validation of HRC hardware inventory including virtual machines.                                    | Meets target          | Monthly             | %               | 90.00     | 90.00                | 11/12/2014                   |
| Percentage of inbound and outbound interface files delivered and/or made available to other SSCs in accordance with the established schedule. | Over target           | Quarterly           | %               | 90.00     | 91.00                | 12/17/2014                   |

**Investment Name:** Treasury Enterprise Identity, Credential and Access Management (TEICAM)

**Type of Investment:** Major IT Investment

**Description:**

The Treasury Enterprise Identity, Credential and Access Management (TEICAM), formerly submitted as EldM, consolidates funding of Treasury implementing the Homeland Security Presidential Directive (HSPD)-12, E-Auth, and Federal PKI initiatives.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total  |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|--------|
| DME Sub Total (Including Gov FTE) Costs | 136.07         | 33.89   | 31.82   | 32.45   | 33.10     | 33.76     | 34.44     | 35.13           | 370.66 |
| Total DME funding                       |                | 33.89   | 31.82   | 32.45   |           |           |           |                 | 98.16  |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| O&M Sub Total (Including Gov FTE) Costs | 128.74         | 21.90   | 23.08   | 23.54   | 24.02     | 24.50     | 24.99     | 25.49           | 296.25 |
| Total O&M funding                       |                | 21.90   | 23.08   | 23.54   |           |           |           |                 | 68.53  |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Total Cost (Including Gov FTE)          | 264.81         | 55.79   | 54.90   | 56.00   | 57.12     | 58.26     | 59.43     | 60.61           | 666.91 |
| Total Gov FTE Cost                      | 49.20          | 11.58   | 11.58   | 11.81   | 12.05     | 12.29     | 12.54     | 12.79           | 133.85 |
| Number of FTE represented by costs      | 362.00         | 72.00   | 74.00   | 75.00   | 75.00     | 75.00     | 75.00     | 75.00           | 883.00 |

**Summary of Purpose, Goals, and Benefits:**

The TEICAM Business Case, formerly E300, consolidates funding of Treasury implementing HSPD-12 and Federal Enterprise Identity, Credential & Access Management (FICAM) requirements. The initial Treasury EldM E-300 was submitted in September 2007, mainly focusing on PIV (personal identity verification) card enrollment and issuance per the requirements of HSPD-12. It also captured some bureau specific access management tasks with limited collaboration. In November 2009, the FICAM was released providing a common framework for strategically implementing identity management across all Federal agencies. It is the performance gap identified by the FICAM guidance and Treasury's current identity management approach that the TEICAM E-300 addresses. This investment supports the target vision of, "One Treasury One Card" to provide universal access. The TEICAM phased implementation provides the Treasury:

- Trusted identity processes
- Increased security (by decreasing data breaches and trust violations)
- Compliance with laws, regulations and standards
- Improved interoperability
- Elimination of redundant processes

As a result of a Tech Stat held October, 2010, an Improvement Plan was established with the following goals:

- 1) Sustain card issuance rate at 90% (FY11-FY15)
- 2) Complete 100% National Capital Region PACS rollout (FY11) and 100% nationwide PACS rollout (FY15)

- 3) Implement PIV Data Synchronization (PDS) for 3 bureaus (FY11) and Department-wide (FY13)
- 4) Complete and deploy a federated Enterprise Single Sign-on (SSO) infrastructure (FY13-FY14) and integrate Enterprise applications (FY13-FY15)
- 5) LACS Local Network Access at 25% (FY11), 50% (FY12), and 100% (FY14); LACS Remote Access at 50% (FY13) and 100% (FY14)

These goals will align the Department with required FICAM goals. Additionally, we have updated and planned for the following investment goals:

- 1) Plan, design and implement an Enterprise Federation capability across Treasury and its partners for FY15-FY17
- 2) Achieve 60% PIV required logical access in FY15
- 3) Plan, design, and implement a Treasury-wide Visitor Management System for FY15-FY17

To increase cost-saving, the Department utilizes interagency resources to authenticate users, synchronize data, and US ACCESS to procure and maintain enterprise-wide compliant PIV credentials. As a mixed life-cycle investment, the TEICAM Operations and Maintenance tasks include all OMB reporting.

#### **Return on Investment:**

The TEICAM investment program provides a consolidated view of identity management activities across Treasury. TEICAM will provide Treasury a standard for secure and reliable forms of identification and facilitate secure and timely access to information systems and facilities.

Key benefits realized with the implementation of the TEICAM solutions:

- Enhanced Security
- Increased Data Accuracy
- Reduced costs, all data flows through central connection
- Trusted identity process
- Single Authoritative Identity Source for employees and contractors
- Enable Logical Access Controls (LACS) utilizing PIV credentials
- Elimination of redundant processes
- Improved efficiency and productivity through automated & streamlined PIV lifecycle processes
- PIV Card Available on Day One

#### **Requirements/ Benefits/ Mandates:**

***Legislative Mandate:*** N/A

***Audit Finding or Material Weakness:*** N/A

***Agency Strategic Plan / Annual Performance Plan:*** N/A

***Presidential Priority:*** N/A

***Other Requirement:*** N/A

#### **Accomplishments:**

- Maintained card issuance rate of over 90% for a minimum of three years
- Achieved 50% PACS enablement Nationwide as of 8/31/14
- Implemented all Treasury bureaus as part of the PIV data synchronization (PDS) project by 12/31/13

- Achieved 95% logical (local) access enabled goal by 8/31/14
- Achieved 89% logical (remote) access enabled goal by 8/31/14
- Completed 95% of the FY14 card renewal goals as of 8/31/14

**Planned Objectives and Accomplishments:**

Planned accomplishments include maintaining 90% card issuance; making progress in PACS to meet 100% PACS rollout; achieve and maintain goal of 95% logical (local and remote) access enabled through FY15; achieve goal of 60% logical access required which is targeted for FY15.

**Development, modernization, and enhancement timeframe:**

**BY+1:** Costs include amounts required to maintain the PIV card lifecycle including credentialing equipment; physical and logical access activities; system enhancements identified for the PDS project as a result of having all bureaus integrated, completion of the Enterprise SSO environment and integration of Treasury Enterprise applications with SSO; a mobile device solution; PIV required deployment; and the necessary funding for staff to provide policy and program oversight.

**BY+2:** Costs include amounts required to maintain the PIV card lifecycle including credentialing equipment; physical and logical access activities; system enhancements identified for the PDS project as a result of having all bureaus integrated, integration of the Enterprise SSO environment; implementation of a mobile device solution; PIV required deployment; and the necessary funding for staff to provide policy and program oversight.

**BY+3:** Costs include amounts required to maintain the PIV card lifecycle including credentialing equipment; physical and logical access activities; system enhancements identified for the PDS project as a result of having all bureaus integrated, O&M of the Enterprise SSO environment and future integrations; and the necessary funding for staff to provide policy and program oversight.

**BY+4:** There will always be a need to manage the PIV card maintenance costs and current credential and light solution station footprint, as well as the amounts needed to fund staff to provide policy and program oversight.

**Performance Evaluation and Metrics:**

| Metric Description  | Measurement Condition | Reporting Frequency | Unit Of Measure | CY Target | Latest Actual Result | Date of Latest Actual Result |
|---|-----------------------|---------------------|-----------------|-----------|----------------------|------------------------------|
| Percentage of eligible employees/contractors/affiliates who have been issued PIV cards. *This is a cumulative metric.   | Below target          | Monthly             | percentage      | 94.00     | 92.00                | 04/30/2014                   |
| Percentage of Treasury facilities (Nationwide) upgraded with HSPD-12 compliant Physical Access Controls (PACS). *This is a cumulative metric.   | Below target          | Quarterly           | percentage      | 80.00     | 51.00                | 04/30/2014                   |
| Percentage of PIV card holders with the capability to access the network locally via the PIV card. *This is a cumulative metric.  | Below target          | Quarterly           | percentage      | 95.00     | 83.00                | 04/30/2014                   |
| Implement PIV Data Synchronization Project for all Treasury bureaus. *This is a cumulative metric.  | Below target          | Quarterly           | number          | 12.00     | 10.00                | 09/30/2013                   |
| Percentage of PIV card holders with the capability to access the network remotely via the PIV card. *This is a cumulative metric.   | Below target          | Quarterly           | percentage      | 95.00     | 79.00                | 04/30/2014                   |
| Percentage of PIV card holders REQUIRED to use the PIV card for local, remote, and/or privileged network access. This is a cumulative metric.   | Below target          | Quarterly           | Percentage      | 75.00     | 13.00                | 04/30/2014                   |
| Eligible employees/contractors/affiliates who have been issued PIV cards, maintain above 90% issuance. Percentage will show variance between target and actuals.                                    | Over target           | Monthly             | Percentage      | 95.00     | 99.00                | 12/31/2014                   |
| Percentage of Treasury facilities (Nationwide) that have been upgraded with HSPD-12 compliant Physical Access Controls (PACS). Percentage will show variance between target and actuals.            | Over target           | Monthly             | Percentage      | 42.00     | 43.00                | 12/31/2014                   |
| Percentage of PIV card holders with the capability to access the network (locally and remotely) via the PIV card; maintain above 90%. Percentage will show the variance between target and actuals. | Over target           | Monthly             | Percentage      | 90.00     | 93.00                | 12/31/2014                   |

|  |              |           |            |       |       |            |
|--|--------------|-----------|------------|-------|-------|------------|
| Percentage of PIV card holders with the capability to access the network remotely via the PIV card. Percentage will show the variance between the target and actuals.              | Below target | Monthly   | Percentage | 90.00 | 89.00 | 09/30/2014 |
| Percentage of PIV card holders REQUIRED to use the PIV card for local privileged and/or unprivileged network access. Percentage will show the variance between target and actuals. | Over target  | Monthly   | Percentage | 50.00 | 55.00 | 12/31/2014 |
| Cost of PIV card renewals as part of the five-year expiration process.   | Over target  | Quarterly | Cost       | 0.04  | 0.06  | 12/31/2014 |

**Investment Name:** Treasury IT Infrastructure Telecommunications (ITT TSS)

**Type of Investment:** Major IT Investment

**Description:**

Treasury ITT TSS supports Treasury's mission and its programs by maintaining a cohesive enterprise network architecture that fosters secure, reliable, trusted and cost-effective data, internet, voice and video communications, supporting all Treasury bureaus.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total  |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|--------|
| DME Sub Total (Including Gov FTE) Costs | 4.75           | 0.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 4.75   |
| Total DME funding                       |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| O&M Sub Total (Including Gov FTE) Costs | 67.09          | 61.32   | 64.75   | 65.39   | 66.70     | 68.03     | 69.40     | 70.78           | 533.46 |
| Total O&M funding                       |                | 61.32   | 64.75   | 65.39   |           |           |           |                 | 191.46 |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00   |
| Total Cost (Including Gov FTE)          | 71.84          | 61.32   | 64.75   | 65.39   | 66.70     | 68.03     | 69.40     | 70.78           | 538.21 |
| Total Gov FTE Cost                      | 12.84          | 1.46    | 1.60    | 1.62    | 1.65      | 1.69      | 1.72      | 1.75            | 24.32  |
| Number of FTE represented by costs      | 38.00          | 11.50   | 11.50   | 11.50   | 11.50     | 11.50     | 11.50     | 11.50           | 118.50 |

**Summary of Purpose, Goals, and Benefits:**

The Treasury Network (TNet) provides a secure enterprise voice, video and data wide-area-network (WAN) that connects authorized domestic and international government facilities across the US, the US territories, and at select US Embassies via the State Department's network. The TNet WAN service is a cost effective enterprise network supporting Bureau business needs and enabling Agency technological initiatives, such as Data Center Consolidation and Mobile Treasury. Goals and benefits include:

- A common architecture and security baseline for enterprise services and IT security controls
- A shared interchange point through DHS Trusted Internet Connection Access Point (TICAP) between Bureaus and the public Internet
- An agency-wide multiple protocol labeling standard (MPLS) virtual private network (VPN) with Dynamic Multipoint Virtual private network(DMVPN) overlay
- A variety of private line, managed internet, managed trusted internet and other non MPLS telecommunication related services obtained under the TNET task order of the GSA Networks contract
- A 24x7 Help Desk support and a common set of Service Level Agreements (SLA)
- Oversight and governance of Treasury telecommunications program management and engineering services and
- Ensure telecommunications policy and compliance in accordance with Treasury, DHS and OMB mandates

The TNet PMO also provides Telecommunications policy and oversight and leads compliance for telecommunications-related issues for the overall Department. Examples of this include:

- Policy, implementation, oversight and compliance for OMB M-08-05
- Implementation of Trusted Internet Connections

- Securing the Federal Government's Domain Name System Infrastructure
- OMB M-11-24
- Implementing Executive Order 13571 on Streamlining Service Delivery and Improving Customer Service
- Executive Office, OMB and Federal CIO guidance and oversight

**Return on Investment:**

TNET is a service provider program, not a revenue generating program. The return on investment is qualitative and is measured in the services it provides to its customer base, not quantitative as in the normal ROI definition. TNET is the base system which all Treasury information systems rely on for enterprise data connectivity and services. Thus, this investment has an impact on all Treasury systems.

The TNET major investment supports the ACIO for Enterprise Infrastructure Operations Services and all Treasury systems. This Investment consists of agency funding for shared and bureau-specific services and funding from the Treasury Franchise Fund (TFF) that satisfies the information technology needs of a large customer base.

**Requirements/ Benefits/ Mandates:**

***Legislative Mandate:*** N/A

***Audit Finding or Material Weakness:*** N/A

***Agency Strategic Plan / Annual Performance Plan:*** The Department of the Treasury's Strategic Plan for Fiscal Years 2014 - 2017 collectively represents our goals and strategies for the diverse activities that enable the Department to effectively steward the nation's finances, promote economic and job opportunities, strengthen national security and achieve organizational excellence.

***Presidential Priority:*** N/A

***Other Requirement:*** N/A

**Accomplishments:**

Treasury's TNet service has resulted in a 66.6 percent cost saving per megabit per second (Mbps) (from \$425.76 to \$142.06) from Treasury's prior solution (Treasury Communications Systems). Additionally, TNet has shown a throughput increase of approximately 31 percent from September 2009 to March 2012, while providing a 15 percent decrease in the cost of each Mbps.

**Planned Objectives and Accomplishments:**

Consolidated infrastructure and network traffic within data center facilities to optimize performance of all devices and reduce barriers to adoption of Wi-Fi communication in Federal facilities.

**Development, modernization, and enhancement timeframe:**

***BY+1:*** Consolidate infrastructure and network traffic within data center facilities.

***BY+2:*** Consolidate infrastructure and network traffic within data center facilities.

***BY+3:*** Consolidate infrastructure and network traffic within data center facilities.

***BY+4:*** Consolidate infrastructure and network traffic within data center facilities.

**Useful Life:**

***Year the investment began:*** 1970



**End Year of the current planning cycle: 2023**

**Description of why the investment is not consistent with life cycle model defined in OMB**

**Circular A-131.:** A traditional lifecycle for this investment does not exist.

**Performance Evaluation and Metrics:**

| Metric Description  | Measurement Condition | Reporting Frequency | Unit Of Measure | CY Target | Latest Actual Result | Date of Latest Actual Result |
|---|-----------------------|---------------------|-----------------|-----------|----------------------|------------------------------|
| Internet Access Availability: Percent Available = [Minutes in Period - Minutes when Internet Access is not accessible] / [Minutes in Period]  | Over target           | Monthly             | Percentage (%)  | 98.00     | 100.00               | 12/31/2014                   |
| Communication Installs, Moves, Adds, Changes (Gold Service Level Closure within SLR time % = Number of tickets closed within 5 Days / Number of tickets in period   | Meets target          | Monthly             | Percentage (%)  | 97.00     | 97.00                | 08/29/2014                   |
| Availability of Long Distance Telephone Services: Availability % = [Minutes in Period -ATB Minutes] / [Minutes in Period]   | Meets target          | Monthly             | Percentage (%)  | 99.99     | 99.99                | 08/29/2014                   |
| Availability of WAN (Wide Area Network): Percent Available = [Minutes in period - Minutes when WAN is not accessible] / [Minutes in Period]   | Meets target          | Monthly             | Percentage (%)  | 99.50     | 99.50                | 08/29/2014                   |
| Time to Complete implementation of Communication and network devices and systems Closure within the established target (days/time/etc.) 95% of the time =Number of tickets closed within target period / Number of tickets in the target period | Meets target          | Monthly             | Percentage (%)  | 96.00     | 96.00                | 08/29/2014                   |
| Average Time To Restore (personnel dispatch not required)   | Over target           | Monthly             | Hours           | 4.00      | 4.26                 | 01/13/2015                   |
| Invoice Error Rate = Invoice Error SLA is an aggregate SLA for all TNet MPLS charges across all individual invoices   | Over target           | Monthly             | Percentage (%)  | 98.00     | 99.96                | 12/31/2014                   |
| Cost per Mbps = actual cost of access bandwidth available for use measured in dollars   | Under target          | Annual              | Dollars (\$)    | 130.00    | 128.63               | 10/31/2014                   |
| Network Service Availability = (Percent Available = [Minutes in Period - Minutes when Network Service is not accessible] / [Minutes in Period]  | Below target          | Monthly             | Percentage (%)  | 99.99     | 99.60                | 12/31/2014                   |

**Investment Name:** Main Treasury and Treasury Annex Buildings

**Type of Investment:** Major Non-IT Investment

**Description:**

Absent full funding to perform a one-time complete repair and renovation of these historical buildings, Treasury is utilizing available and requested funding to correct life safety issues, reduce building systems risk and maintain the buildings.

**Investment Anticipated Outlay: (In Millions of \$):**

| Type                                    | PY-1 and Prior | PY 2014 | CY 2015 | BY 2016 | BY+1 2017 | BY+2 2018 | BY+3 2019 | BY+4 and Beyond | Total |
|---|----------------|---------|---------|---------|-----------|-----------|-----------|-----------------|-------|
| DME Sub Total (Including Gov FTE) Costs | 0.00           | 0.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 0.00  |
| Total DME funding                       |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00  |
| Unallocated DME funding                 |                | 0.00    | 0.00    | 0.00    |           |           |           |                 | 0.00  |
| O&M Sub Total (Including Gov FTE) Costs | 0.00           | 1.23    | 1.23    | 0.65    | 1.23      | 1.23      | 1.23      | 12.25           | 19.03 |
| Total O&M funding                       |                | 1.23    | 1.23    | 1.23    |           |           |           |                 | 3.68  |
| Unallocated O&M funding                 |                | 0.00    | 0.00    | 0       |           |           |           |                 | 0     |
| Total Cost (Including Gov FTE)          | 0.00           | 1.23    | 1.23    | 0.65    | 1.23      | 1.23      | 1.23      | 12.25           | 19.03 |
| Total Gov FTE Cost                      | 0.00           | 0.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 0.00  |
| Number of FTE represented by costs      | 0.00           | 0.00    | 0.00    | 0.00    | 0.00      | 0.00      | 0.00      | 0.00            | 0.00  |

**Summary of Purpose, Goals, and Benefits:**

Absent full funding to perform a one-time complete repair and renovation of these historical buildings, Treasury is utilizing available and requested funding to correct life safety issues, reduce building systems risk by upgrading a number of outdated systems, and on replacing inefficient, single paned windows, which will make the building vastly more energy efficient. These investments are being done with the expectation that were Treasury to pursue a full renovation and modernization, recent investments could be retained, achieving cost savings over the long term.

**Requirements/ Benefits/ Mandates:**

***Legislative Mandate:*** N/A

***Audit Finding or Material Weakness:*** N/A

***Agency Strategic Plan / Annual Performance Plan:*** N/A

***Presidential Priority:*** N/A

***Other Requirement:*** N/A

**Accomplishments:**

Prior year and future investments support Treasury Strategic Goal 5, which is to create a 21st-century approach to government by improving efficiency, effectiveness and customer interaction. This is accomplished by enabling the Department to make investments in capital improvements that support the missions of all Treasury bureaus and programs. In recent years, these investments have been used to make repairs to the Main Treasury and Treasury Annex buildings, yielding significant energy and water savings, as well as improved life safety systems. In addition, these and future repairs and renovations will protect and preserve these historical government owned buildings.

**Planned Objectives and Accomplishments:**

For the current year FY 2015, Treasury plans to line the interior rain leaders of the Main Treasury Building with a neoprene compound, and to repair and replace damaged windows, some of which are original to the building, to prevent water damage to other structural components. Rain leaders are vertical sections of cast iron pipe within the exterior walls of the Main Treasury Building. They are designed to carry rain water off the roof and into storm drains. The rain leaders in Main Treasury are estimated to be 150 years old. The cast iron composition has failed over time by rusting from the inside out. The deteriorated state of the rain leaders causes regular leaks, from water penetrating the building shell and being absorbed by the plaster walls and the substrate below. The continued water intrusion results in routine and lengthy repairs to the tenant spaces. For the budget year 2016, Treasury plans repairs to the South Plaza to correct deterioration to the paver stones and underlying setting bed that is causing an unstable walking surface that is a hazard to employees and could cause serious injury.

**Development, modernization, and enhancement timeframe:**

**BY+1:** A comprehensive evaluation of best use of future funds for this investment will be complete by FY 2016.

**BY+2:** A comprehensive evaluation of best use of future funds for this investment will be complete by FY 2016.

**BY+3:** A comprehensive evaluation of best use of future funds for this investment will be complete by FY 2016.

**BY+4:** A comprehensive evaluation of best use of future funds for this investment will be complete by FY 2016.