

Office of the Chief Information Officer Operational Information Technology Plan

FY 2005 – FY2006



October 2004

Matrix between OITP & SITP



Matrix between OITP & SITP *Operational IT Plan FY 2004 – FY 2005*

SITP Goal and Objective Mapping to OITP

The Office of the Chief Information Officer's Strategic Goals and Objectives below have been mapped to sections in the *Operational Information Technology Plan for FY 2005 – FY 2006*. In some cases, a strategic goal and/or objective may remain blank. In addition, sections from the OITP can be mapped to multiple goals and objectives, if applicable.

Strategic Goal 1:

Enable the USPTO to implement electronic government in its patent and trademark business areas to reduce paper handling and enhance business processes

Objective 1.1: Develop a Trademark electronic file management system, including support for the Madrid Protocol, and electronic government operations [E-Government 1].

- 2.2.1.3 Trademark Reporting and Monitoring System (TRAM)
- 2.2.1.4 Trademark .Net Support
- 2.2.1.6 Trademark E-Commerce Law Office
- 2.2.1.7 Trademark Electronic Application Submission System (TEAS)
- 2.2.1.9 Trademark Image Capture and Retrieval System (TICRS)
- 2.2.1.10 Trademark In-House Photocomposition System (TIPS)
- 2.2.1.11 Trademark Information System / First Action System for Trademarks 2 (TIS/FAST 2)
- 2.2.1.12 Madrid International Trademark Electronic Application System (MiTEAS)
- 2.2.1.14 Trademark Tradeups System (TRADEUPS)
- 2.2.1.15 X-Search System
- 2.5.5 Electronic System for Trademark Trials and Appeals (ESTTA)
- 2.5.6 Trademark Trial and Appeal Board View (VUE)
- 2.5.7 Trademark Trial and Appeal Board Information System (TTABIS)

Objective 1.2: Deliver an operational system to process patent applications electronically [E-Government 2].

- 1.3.7.3 FAX/Modem System/Capability
- 2.1.1 Patent E-Government System
 - 2.1.1.1 Image File Wrapper (IFW)
 - 2.1.2.1.1 Examiner Automated Search Tool (EAST) and Web Electronic Search Tool (WEST)
 - 2.1.2.1.4 Foreign Image Search Capability (FISC)
 - 2.1.2.1.5 Patent Application Image Retrieval System (AIRS)
 - 2.1.2.1.6 Patent Application Image Retrieval System (PIRS)



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- 2.1.2.2.3 Patent Linguistic Utility Search (PLUS)
- 2.1.2.2.5 Chemical Drawing System (ChemDraw)
- 2.1.3.1.1 Patent Electronic Filing System (EFS)
- 2.1.3.1.2 Electronic Filing System – Application Body eXtensible Markup Language (EFS-ABX)
- 2.1.3.1.3 US Patent Cooperation Treaty – Electronic Submission
- 2.1.3.1.5 Checker System to Computer Readable Form (CRF) Checker System
- 2.1.3.1.6 Application Routing Tool (ART)
- 2.1.3.1.7 Patent Application Services and Security (PASS)
- 2.1.3.1.8 Supplemental Complex Repository for Examiners (SCORE)
- 2.1.3.1.9 Patent Application Location and Monitoring System (PALM)
- 2.1.3.1.10 Patent Application Location and Monitoring System Pre-Examination (PALM PreExam)
- 2.1.3.2.1 Electronic Desktop Application Navigator (eDAN)
- 2.1.3.2.3 File Inspection Utility (FIU)
- 2.1.3.2.5 Office Action Creation System (OACS)
- 2.1.3.2.6 File Ordering System
- 2.1.3.2.7 Patent Application Information Retrieval System (PAIR)
- 2.1.3.2.8 Patent Application Location and Monitoring – Examination and Post-Examination (PALM EXPO)
- 2.1.3.2.11 PCT Operations Workflow and Electronic Review System (POWER)
- 2.1.3.2.12 Patent Cooperation Treaty Operations Imaging System (POIS)
- 2.1.3.2.13 Patent Application and Location Monitoring System – Infrastructure (PALM INFRA)
- 2.1.3.2.14 Patent Application and Location Monitoring System – File Ordering System (PALM FOS)

Objective 1.3: Encourage increased use of e-filing patent application authoring and application submission tools.

- 2.1.3.2.2. Madras

Objective 1.4: Establish an information technology security program for fully certifying and accrediting the security of every automated information system [E-Government 4]

- 1.3.8 IT Security Program
- 1.3.8.3 Security Certification And Accreditation
- 1.3.8.5 Security Infrastructure Protection
- 1.3.8.6 Security Operations and Maintenance
- 1.3.8.7 Security Planning and Compliance
- 1.3.8.8 Security Training



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Objective 1.5: Continue to enhance technology capabilities of automated information systems and infrastructure to provide external access to the USPTO automated information systems in a secure, controlled manner.

- 1.3.1.4 TTAB Work@Home
- 1.3.1.5 Trademark Work@Home Capability
- 1.3.7.5 Network Attached Storage (NAS)
- 1.3.8.2 Federal Bridge Cross Certification Authority (FBCA)
- 1.3.8.4 Secure Document Handling

Objective 1.6: Integrate automated information systems to support the electronic workflow of a post-grant document review process [E-Government 3].

Objective 1.7: Modernize the financial management systems in accordance with E-Government initiative.

- 2.4 Financial Management
 - 2.4.1.1 Momentum Financials (MOMFN)
 - 2.4.1.5 Cost Accounting System
 - 2.4.1.7 Revenue Accounting and Management System (RAM)
 - 2.4.1.8 Office of Finance Imaging System (OFIS)

Strategic Goal 2:

Support the relocation of the USPTO to the Headquarters campus in Alexandria, VA.

Objective 2.1: Relocate USPTO desktops and peripheral equipment.

Objective 2.2: Relocate the OCIO organization.

Objective 2.3: Relocate and consolidate the public search facilities into a single electronic search facility.

Objective 2.4: Relocate the USPTO data center and Emerging Technology Center Lab.

- 1.3.2.11 IT Facilities Relocation Engineering and Planning
- 1.3.3.3 IT Facilities Post Relocation Space and Construction Activities

Objective 2.5: Support Network, Telecommunications, and IT Infrastructure Relocation.

- 1.3.2.9 Voice Network Engineering



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Strategic Goal 3:

Provide and support a world-class information technology operation that meets or exceeds end-user needs

- 1.2.4 Software Developer Infrastructure Desktop Deployment Support and Testing
- 1.3.1.3 Remote Access Support
- 1.3.1.6 Trilateral Network (TriNet)
- 1.3.2.5 E-Postal System
- 1.3.2.6 Enterprise Server Management
- 1.3.2.8 File Transfer Protocol/Virtual Private Network (VPN)
- 1.3.2.16 Other Peripheral Devices/Upgrades
- 1.3.3.1 Computer Aided Design System (CAD)
- 1.3.3.4 IT Facilities Management System
- 1.3.4.3 Workstations
- 1.3.5.1 Data Base Administration
- 1.3.5.2 Data Management
- 1.3.5.3 Data Base High Availability
- 1.3.5.4 Electronic Records Management
- 1.3.5.5 Enterprise Data Quality Tool
- 1.3.5.6 Enterprise Information Repository
- 1.3.5.7 Records Management
- 1.3.5.8 Records Management Tracking System

- 2.4.2.5 Office Administrative Services Request System (OASRS)

Objective 3.1: Establish a world-class information technology operation and customer support capability.

- 1.3.2.12 USPTO PC Client Standardization and Management
- 1.3.2.19 Printers – Engineering, Acquisition, Deployment, and Maintenance
- 1.3.6.2 Desktop Field Support
- 1.3.6.3 Information Technology Auto Discovery System (ITADS)
- 1.3.6.5 Help Desk and Desktop Software Services
- 1.3.6.6 Web Services
- 1.3.7.1 Enterprise Management System (EMS)
- 1.4.1 Acquisition Support Activities
 - 1.4.1.1 Acquisition Activities
 - 1.4.1.2 Acquisition Management Library System (AMLS)
 - 1.4.1.3 Contract Management Activities
 - 1.4.1.4 Section 508 Support

- 2.1.4.1 Patent Modeling and Budget Administration System (OPBudget)



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- 2.2.1.2 Trademark Postal System (TPOSTAL)
- 2.2.1.8 Trademark Identification Manual (TIDM)
- 2.2.1.14 Trademark Tradeups System (TRADEUPS)
- 2.3.8 File Tracking System (FTS)
- 2.3.10 Patent and Trademark Assignment System (PTAS)
- 2.3.15 Patent and Trademark Depository Library Program
- 2.4.1.2 Procurement Desktop (PD) with the Internet Purchasing Application
- 2.4.1.3 Travel Manager
- 2.4.1.4 e-Travel
- 2.4.1.6 Enterprise Data Warehouse (EDW)
- 2.4.2.1 Office of Human Resources Systems (OHRS)
- 2.4.2.4 Time and Attendance System (TAAS)
- 2.1.4.1 Patent Modeling and Budget Administration System
- 2.5.2 Electronic Freedom of Information Act (E-FOIA)
- 2.5.4 Executive Document Management System (EDMS)
- 2.5.5 Office of Enrollment and Discipline Information System (OEDIS)
- 2.5.7 Trademark Trial and Appeal Board Information System (TTABIS)
- 2.5.8 Patent Appeals Case Tracking System (ACTS)
- 2.5.9 Patent Cancellation Proceedings Electronic Filing
- 2.5.10 Office of Legislative and International Affairs Document System (OLIADS)

Objective 3.2: Decrease the potential for system outages and other errors, thereby reducing negative impacts to the business operations when system outages and other errors occur.

- 1.3.2.18 Performance Monitoring and Capacity Planning

Objective 3.3: Minimize the impact to business operations when system outages and other errors occur.

- 1.3.2.22 Business Continuity
- 1.3.7.4 Enterprise Tape Backup System

Objective 3.4: Efficiently and effectively operate USPTO information technology systems and environments.

- 1.2.1 Emerging Technology Center
- 1.3.2.1 Data Load and Maintenance
- 1.3.2.2 Data Services – Boyers
- 1.3.2.3 Data Storage On Line Magnetic
- 1.3.2.7 Enterprise Server and Storage Consolidation
- 1.3.2.10 Facilities Management (Arlington, Va)
- 1.3.2.13 Network Management Systems (NMS)



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- 1.3.2.14 Operating System Support
- 1.3.2.15 Operational Support – Supplies
- 1.3.2.17 PTOnet
- 1.3.7.2 Enterprise Wide Login
- 1.3.7.6 Operating System Upgrades/Migration
- 1.3.7.7 Public Key Infrastructure
- 1.3.8.1 Centralized Audit Logging Solution (CALs)

- 2.1.2.1.2 Patent Examiner Computer Search Support and CSS Auxiliary Databases (CSS)
- 2.1.2.1.3 Patent Classification Data System (CDS)
- 2.1.2.1.6 Patent Image Retrieval System (PIRS)
- 2.1.2.2.1 Automated Biotech Sequence Search System (ABSS)
- 2.1.3.1.4 PatentIn System and Computer Readable Form – Checker System (PatentIn)
- 2.1.4.2 Office of Patent Quality Review (OPQR)
- 2.2.1.1 Clearpath Support
- 2.2.1.5 Trademark Cropped Image Manager
- 2.3.23 Patent Electronic Business Center Imaging System (EBCIS)

Objective 3.5: Enhance and maintain USPTO’s automated information systems.

Strategic Goal 4:

Leverage enterprise architecture to improve information technology efficiency, effectiveness, and quality.

- 1.1 Enterprise Architecture
- 1.1.2 Enterprise Architecture Repository
- 1.1.2.1 Application Clearinghouse
- 1.1.2.2 Metis Application
- 1.2.2 EAI Solution
- 1.2.3 Software Developer Infrastructure Desktop Deployment Support and Testing
- 1.2.4 Software Developer Infrastructure
- 1.3.2.21 UEA Directory Services

Objective 4.1: Develop an Enterprise Architecture program and standards based on industry best practices, compliant with the Federal Enterprise Architecture

- 1.1.1 Enterprise Architecture Program Management and Solutions Architecture
- 1.1.3 Technology Assessment and Insertion Program
- 1.1.4 High Level Architecture
- 1.1.5 Strategic Application Architecture



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Objective 4.2: Provide maximum availability of computer systems to examiners, attorneys, the public, and other patent and trademark offices in the event of an outage. [E-Government 5].

1.3.2.4 EMC Mass Storage

Objective 4.3: Enhance and simplify the technology infrastructure to support business operations in an electronic government environment (i.e., simplify and unify).

1.3.1.1 Office of Finance Disbursement Network (OFDnet)

1.3.1.2 Office of Human Resources Network (OHRnet)

Objective 4.4: Develop interoperability standards for data exchange with international partners, dissemination of intellectual property information, and system-to-system communications.

1.1.6 Topic XML

1.3.2.20 Topic E-Gov

2.3.3 International Exchange Standards

Strategic Goal 5:

Continuously improve the delivery of OCIO information products and services to meet USPTO business objectives

1.3.4.1 Desktop Software Licenses and Maintenance

1.3.4.2 Office Automation Server Administration

Objective 5.1: Provide high quality products and services for CIS customers that differentiate the USPTO and OCIO from other organizations.

1.3.6.1 Customer Information

1.3.6.4 Electronic Business Support for Public Customers

2.1.2.1.7 Application Images on the Web (AIW)

2.1.2.1.8 Patent Application Text on the Internet

2.1.2.1.9 Patent Application Images on the Web (PIW)

2.1.2.1.10 Applications Full-Text Search on the Web (APPFT)

2.1.2.2.2 Foreign Patent Access System (FPAS)

2.1.2.2.4 Scientific and Technical Information Center and Commercial Database Search (STIC and CDB Search)



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- 2.1.3.2.9 Public Site for Issued and Public Sequences (PSIPS)
- 2.3.1 Patent Data on Web
- 2.3.2 Assignment Historical Database
- 2.3.4 CD-ROM Reference Library (CRLS)
- 2.3.5 Customer Information Services Budget Model
- 2.3.6 Data File Delivery System (DFD)
- 2.3.7 Enterprise Contact Center System (ECC)
- 2.3.9 Order Entry Management System/Certification (OEMS)
- 2.3.11 Patent Data Dissemination System
- 2.3.12 Public Search Room/Service Card (PSR/SC)
- 2.3.13 Public Search Room/Universal Workstation (UPWS)
- 2.3.14 Public Search Facilities Division
- 2.3.16 Technology Assessment and Forecast Services (TAF)
- 2.3.17 Trademark and Assignment Data Dissemination System (TADDS)
- 2.3.18 Trademark Application and Registration Retrieval System (TARR)
- 2.3.19 Trademark Daily XML File (TDXF)
- 2.3.20 Trademark Electronic Search System (TESS)
- 2.3.21 USPTO Contact Center Division (UCCD)
- 2.3.22 USPTO Customer Contact Management System

Objective 5.2: Strategically manage our OCIO workforce to meet the challenges of today and tomorrow.

- 1.4.2.3 OCIO Training
- 2.4.3 Human Resources
- 2.4.2.2 Equal Employment Opportunity Case Management Retrieval System (EEOCMRS)
- 2.4.2.3 Job Application Rating System (JARS)
- 2.4.2.6 Personnel Folder Tracking System
- 2.5.11 Learning Management System

Objective 5.3: Improve USPTO capital planning and investment practices to ensure the delivery of business value from information technology investments.

- 1.3.3.2 Enterprise Asset Management System (EAMS)
- 1.4.2.1 Automated Project Management System (APMS)
- 1.4.2.4 Project Management Support

Objective 5.4: Streamline Life Cycle Management practices for improved performance.

- 1.4.2.2 LCM and Software Process Improvement
- 1.4.3.1 Configuration Management – Enterprise Activities/Database



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- 1.4.3.2 Configuration Management
- 1.4.3.3 Enterprise Process Configuration Management Tool (PVCS) Dimensions
- 1.4.3.4 Enterprise Quality Assurance Management Tool
- 1.4.3.5 Enterprise Requirements Tool
- 1.4.3.6 Quality Assurance – Enterprise Activities/Database
- 1.4.3.7 Requirements Management – Enterprise Activities/Database
- 1.4.3.8 System Acceptance Testing – Enterprise Testing Activities
- 1.4.3.9 Independent Acceptance Testing