25th Annual Government Financial Management Conference

Getting Things Done with MAX.Gov – Practical Solutions for Improving Effectiveness

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The Budget Line of Business:
Ten Shared Services as Common Solutions

Generally Applicable
Government-wide Services via MAX.gov

Analytical Tools
Collaboration
Data Collection & Tracking
Document Production
Knowledge Management

Agency Budgeting Tools
Budget Execution and Financial Management Integration
Budget Performance Integration
Human Capital (Federal Budgeting Profession)
Program Management (Coordination, Standards, Architecture)

Budget Formulation and Execution Specific Services
Collaboration, Content Management, Knowledge Management (1,000’s)

• DOD - Air Force Health Futures Group, Futures Based Agile Thinking
• DOD - Navy BUMED Health and Medical KM, Operation TOMODACHI; Responder Safety
• DOJ - Congressional Reporting, Federal Knowledge Managers Community of Practice
• DHS FEMA - Hurricane Sandy, National Continuity Programs
• GSA – E-Gov Travel Service, FedRamp, Web Content Managers
• HHS – HAITI Health Facilities
• NASA – OCFO Collaboration and Knowledge Management
• OMB – President’s Budget authoring; Collaborations, Data Calls, Intranet; 2008 Presidential Transition
• OPM – Human Capital Community, Hiring Reform, Diversity & Inclusion, Chief Learning Officers
• USTR – Trans Pacific Partnership; US Trade Advisory Committee

Data Collection, Tracking, BI Analytics, Publications (600+)

• CEQ - Green Sustainability (Executive Order 13514)
• DOD - Navy BUMED Force Health Protection Emergency Management, Contract Management & Budgeting
• DOJ - Congressional Questions for the Record; Performance Reporting
• DHS - Cyberscope authentication (HSPD-12 PIV/CAC)
• GSA - Federal Internet Domain Usage; Networx (FTS 2001) Implementation
• OGE - Stock Act Reporting
• OMB - President’s Budget Chapters, 150+ Data Calls incl. Qs&As, QFRs, Crosscuts, Sequestration
• ONDCP - Annual National Drug Control Strategy
• Treasury - ECIPC Shared Service

Websites (both Public Facing and Controlled Access)

• E-Gov – CxO.gov websites, Federal Permitting, Uncle Sam’s List
• Earmarks.gov
• OPM - Shared List of People With Disabilities
Government-wide Scope (including Non-Federal Partners)

- **Government-to-Government**
  - Intra-agency
  - Inter-agency
    - Policymaking, Management and Budget class of activities
  - State, Local, Tribal, International, and Non-Governmental Partners
  - The Public

- Used for inter-agency, intra-agency, and government-wide activities
- Interactions with state, local, tribal, territorial, international, and non-governmental partners in secure *Enclaves*
MAX Service Oriented Architecture

Agility and cost effectiveness through modular web services, open source, open standards, and web-oriented APIs.

Identity & Provisioning
Common Database
Web Frameworks
Workflow
Business Intelligence
Publishing
Records Management
Platform as a Service (PaaS)

Collaboration & Information Sharing
- MAX Federal Community
- MAX Calendar
- Online Meetings, MAX Shared Desktop

Data Collection, Analysis, Publications
- MAX Collect, MAX Analytics, Modeling
- MAX Publishing
- MAX Survey

Specialized Applications
- A-11 (President’s Budget), Appendix Text, Apportionment, Monthly Outlays, Earmarks, Stock Act, Uncle Sam’s List, CIO.gov, Permitting, IT Dashboard, …
Better Results Through Agile Development

Traditional “Waterfall” Model — Full Requirements Upfront
Conception ➔ Design ➔ Construction ➔ Testing ➔ Production Implementation ➔ Maintenance

➤ Result: Long delivery times and high risk of project failure
More than 75% of IT projects are late, over budget, or do not meet business requirements

VS.

Agile Model — Rapid Iterative Development
Rapid Evolutionary Development using Sprints ➔ Iterative Adaptive Response to Real User Experience

➤ Result: Shorter delivery times, lower risks, higher relevancy
Requirements are validated by real users -- mistakes are identified and corrected early
MAX Authentication Services
148,000+ Users, 180 Agencies, 30,000+ PIV/CAC Cards

- Automatic registration for federal users by email domain
- HSPD-12 PIV / DOD CAC cards and SMS 2-factor for sensitive activities
- Enterprise Federated Partner Automated Login (i.e. single sign-on) with agencies
- Usable by non-MAX.gov systems as a cost-effective service (e.g. Cyberscope, Data.gov, many others)
MAX.gov Capabilities Summary

A Single ID for Government-wide Interoperability
- 148,000+ users in 180+ agencies, 300+ bureaus, 30,000 HSPD-12 PIV/CAC users at 100+ agencies
- 7,000+ organizational and organic MAX Groups
- ‘Federated partner’ Agencies have direct single sign-on into MAX

Government-wide Collaboration and Content Management Functionality
- Secure inter-agency and intra-agency collaboration and information sharing
- Several thousand collaborations - 2+ million pages and document versions
- Growing use as a primary Knowledge Management platform and intranet replacement

Government-wide Data Collection, Tracking, and Publication
- 600+ OMB and Agency data collections and exercises, 6+ million data rows
- 1,000+ surveys, FISMA and 508 compliant, options for anonymous, tokenized, or authenticated
- Both major collections and ad hoc collections, multiple stage workflow, formal publications
- Can be hosted in other environments for handling PII, PHI, classified data

Analyze and Visualize Structured Data
- Integrated with MAX Collect, MAX Data Warehouse, other data sources
- Data Cubes, dashboards, charts, metrics reporting, real-time analytics, faceted search
- Camera-ready publications with integrated table of contents and index

Government-wide Customizable Collaborative Calendaring
- Inter-agency scheduling (synched personal calendars with free/busy information)
- Secure shared calendaring with integrated sub-calendars
- Customized date-centric data collections and exercises (e.g. Sequestration Timeline of Events)

Real-time Collaboration in a Shared Virtual Environment
- Unique online meeting and sharable virtual desktop
- Enables multi-user real-time collaboration and authoring
- 3,000+ hosts have run 20,000+ meetings and sessions

Also: Government-wide Directory and Web Hosting (both authenticated and public facing)
MAX Community, MAX Calendar, MAX Shared Desktop

Integrated Government-wide content sharing and knowledge management platform
MAX Federal Community
Government-wide Information Sharing, Collaboration, & Content Management – NOW 148,000+ Users

Click on the Agency, Government-Wide Community, or Cross-Agency Collaboration you are interested in.
Each Agency Has Its Own Space with Its Own Logo, and both Internal & Interdepartmental Collaboration Areas
Rich Collaboration and Content Management Features

Flexible Access Restrictions
- Any combination of users and MAX Groups

“Find” feature to easily locate users and content in multiple ways

Extensive Help Section

“Breadcrumb” trail to easily trace your steps

Favorites Pages

Recently viewed & updated pages

Fully-Indexed Search with advanced facets

Watch Any Page (or family of pages) to be notified of activity via email

Recent pages: BSB - Budget Systems Branch

Rich Collaboration and Content Management Features

- Recently viewed & updated pages

- Favorites Pages

- Fully-Indexed Search with advanced facets

- Watch Any Page (or family of pages) to be notified of activity via email
MAX Search

Advanced Filtering To Locate Specific Content

Select particular content types

Target search through advanced filtering:
- title/filename
- within page area
- additional terms within results
- location
- date range
- user
- keywords/labels
Government-wide Directory of all MAX Users with Quick Search

1. 

2. 

BFELB
Budget Format & Execution Line of Business

E-GOV

MAX.gov Directory
MAX Groups: Dynamically Managed Web 2.0
Membership lists for Access Control, Email, more...

- Use MAX Groups to restrict access to pages and exercises
- Function as dynamically updated Distribution Lists
- Self-administered & managed
Direct Editing of Documents in MS Office Applications

Direct View & Edit
Files Viewable while Being Edited by Others

All File Versions Remain Available (with attribution & date)

Compare Previous Versions
Document Assemble & Document Compare

Document Assemble

- Enables assembling (i.e. combining) multiple Word, Excel, PDF, image, and PowerPoint into a single integrated Word document
- Documents to be assembled can be located on the same or different Community pages

Document Compare

- Enables comparing (merging) multiple Word attachments against a starting document
- Track changes (with attribution) will highlight all differences
Document Assemble can now do WORD or PDF. Need to add the PDF symbol.

Author, 08/12/2015
# Multi-stage Workflow Process
For Reviewing and Tracking

Move Document Through Review Stages Using Simple Buttons

<table>
<thead>
<tr>
<th>Status</th>
<th>View</th>
<th>Edit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send for Branch Review</td>
<td>Author, Branch Official</td>
<td>Branch Official</td>
</tr>
<tr>
<td>Send for Division Review</td>
<td>Author, Branch Official, Division Official</td>
<td>Division Official</td>
</tr>
<tr>
<td>Send for Agency Review</td>
<td>Author, Branch Official, Division Official, Agency Official</td>
<td>Agency Official</td>
</tr>
<tr>
<td>Approve</td>
<td>Author, Branch Official, Division Official, Agency Official</td>
<td>Agency Official</td>
</tr>
<tr>
<td>Send for Author Re-Draft</td>
<td>Author, Branch Official, Division Official, Agency Official</td>
<td>Author</td>
</tr>
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</table>

## Track Status of All Documents or Projects Automatically

<table>
<thead>
<tr>
<th>Documents In Branch Review</th>
<th>Documents In Division Review</th>
<th>Documents In Agency Review</th>
<th>Documents Approved</th>
<th>Author Re-Draft</th>
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</thead>
<tbody>
<tr>
<td>• Document A</td>
<td>• Document C</td>
<td>• Document B</td>
<td>• Document L</td>
<td>• Document O</td>
</tr>
<tr>
<td>• Document F</td>
<td>• Document R</td>
<td>• Document N</td>
<td>• Document M</td>
<td>• Document Z</td>
</tr>
<tr>
<td>• Document N</td>
<td></td>
<td>• Document Q</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Document Y</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MAX Calendar

Enhance and organize group activities
Simplify cross-agency meeting scheduling

- Robust group collaborative calendaring that spans organizational boundaries
  - Multiple calendars are presented in a color-coded display
  - “Subscribe” feature enables iCal notifications of events

- Synchronize your personal agency calendar with your MAX Calendar
  - Securely publish your 'free/busy' or "detail" information to MAX
  - Allow any combination of individuals and MAX groups to see your 'free/busy' information or calendar details

- Specialized Calendar-based data collections
  - Custom events-based data collections with scheduling, tracking, and analytics
MAX Shared Desktop: Advanced Collaboration & Virtual Desktop

- Enables multi-user collaboration & authoring
- Use for Telework, enhances conference calls
- Completely isolated environment with a virtual Windows desktop
- Use on iPad, Android, Netbook or other limited software device to run Office and other applications
- Custom configurations can be tailored for specific agency needs
- 3,000+ users have hosted over 20,000 meetings
MAX Collect, MAX Analytics, MAX Survey

Integrated Government-wide data collection, tracking, analytics, publications, surveying
Data Collection, Analysis, & Publication

- Data collection exercises can be large and complex
- Require quick turnaround, input from multiple organizations
- Workflow with multiple levels of review (stages and roles)
- Diverse Analysis and Publication requirements
- Integrate information from other exercises and sources

The Old Way

- E-mailed Word/Excel Templates
- Manual compilation
- Reediting to restore original format
- No workflow or tracking capability
- Version control is problematic
- Manual Table of Contents (or none)
- No index or search capability
- No analytical capability
- Revisions are a huge problem

The MAX Collect Way

- Web-based distributed collection
- Automated compilation
- Instant publication: PDF, Word, Excel
- Multiple stage workflow
- Custom camera-ready formats
- Paginated table of contents
- Fully indexed and searchable
- Real-time analytics, dashboards, reports, faceted search, microsites
- Easy to re-use/repurpose content
600+ Collections
Major Data Collections and Quick Data Calls

Examples

- OMB’s Budget Briefing Book (over 500 questions, 1,000 pages, 160 enterers)
- Aid to State & Local Governments (President’s Budget, FY 2013 Analytical Perspectives Ch.17)
- Cuts, Consolidations, and Savings (President’s Budget FY 2013, 120 pages)
- FEA Enterprise Architecture Segment (20 data elements, 61,000 rows)
- Federal Internet Domain Usage (1,800 domains, 2,000 pages, 220 enterers)
- Green Sustainability Survey (80 questions from 86 organizations)
Data Entry Section Types

- Enhanced Grid
- Paragraph – Plain Text
- Paragraph – Rich Text
- Short Text
- Attachments
Data Exports

Default Publication

Custom Publication

- Table 1. Direct Funding for Statistical Programs
- Table 2. Reimbursable and Purchase Programs
- Statistical Agency Narrative
- Non-Statistical Agency Narrative
- Appendix A. Principal Statistical Agency Staffing Levels
- Custom (Word)
- Agency Draft for Review (PDF)
- Changes in Direct Funding Reports
- Major Reimbursable and Purchase Programs for FY 2015
- Comments and Suggestions
- HTML View
User Roles and Workflow

Users or MAX Groups can be assigned roles at the Exercise, Category, Sub Category or Item Level

Each Item is associated to a Workflow Phase

Workflow Phases:
- Setup
- Authoring
- Initial Review
- Collaboration
- Final Review
- Publish
Example: Fully Paginated Table of Contents & Indexed Categorizations

DEBT
- What is the debt level of the U.S.? When will an increase in the debt limit be needed? ........................................22
- How much of U.S. Treasury debt is owned by Foreign Governments? .................................................................23

ECONOMY
- What is the outlook for the economy? .....................................................................................................................25
- Does the Administration have an unduly optimistic view of the economic outlook? ...........................................27
- Why doesn't the Administration recognize that the economy is in a recession? ................................................28
- With the slump in the economy this year, why have FY 2008 receipts increased compared with their projected level in the FY 2009 Budget? Why are total receipts over the budget window (FY 2008-2013) up by $4 billion compared with the FY 2009 Budget projections? .........................................................29

TAXES
- Why is the Administration so insistent on providing more and more tax relief to the rich when the middle class and lower income Americans are struggling? Why are you against making the rich pay their fair share in taxes to reduce the deficit? ........................................................................................................30
- What is the Administration proposing to do to reduce the $345 billion tax gap? ..................................................31

... and Full-Text Search

What word or phrase would you like to search for?
Earnarks

- Whole words only
- Case-Sensitive
- Include Bookmarks
- Include Comments

Search
**Example: Briefing Book with Bulleted Talking Points, In-line Table and Chart**

**SPENDING/BUDGET PROCESS REFORM**

**Discretionary Caps - Categories and Adjustments**

**Question:** What is the expected impact of the program integrity cap adjustments?

**Talking Points:**
- Cap adjustments provide an effective way to ensure that limited resources are allocated to activities with a proven track record of reducing payment errors and generating program savings.
- All of the activities that would be funded under the cap adjustments have a positive return on investment (ROI), in some cases as high as $10 of savings for every $1 invested.

<table>
<thead>
<tr>
<th>(BA in millions)</th>
<th>2001 Actual</th>
<th>2008 Request</th>
<th>2008 Enacted</th>
<th>2009 Request</th>
<th>2009 Change from 2008 (+/- %)</th>
<th>2009 Change from 2001 (+/- %)</th>
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<tbody>
<tr>
<td>Program Integrity Cap Adjustments</td>
<td>0</td>
<td>876</td>
<td>0</td>
<td>968</td>
<td>10.5</td>
<td>0</td>
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</tbody>
</table>

**Historic Bank Failure Rates**

(Failed Assets/Total Bank Assets)
Example: Published Tables in the President’s Budget Analytical Perspectives

Table 18-2. TRENDS IN FEDERAL GRANTS TO STATE AND LOCAL GOVERNMENTS
(Outlays in billions of dollars)

<table>
<thead>
<tr>
<th></th>
<th>Actual</th>
<th>Estimate</th>
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<tr>
<td>A. Distribution of grants by function:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural resources and environment</td>
<td>0.1</td>
<td>0.2</td>
</tr>
<tr>
<td>Agriculture</td>
<td>0.2</td>
<td>0.5</td>
</tr>
<tr>
<td>Transportation</td>
<td>3.0</td>
<td>4.1</td>
</tr>
<tr>
<td>Community and regional development</td>
<td>0.1</td>
<td>0.6</td>
</tr>
<tr>
<td>Education, training, employment, and social services</td>
<td>0.5</td>
<td>1.1</td>
</tr>
<tr>
<td>Health</td>
<td>0.2</td>
<td>0.6</td>
</tr>
<tr>
<td>Income security</td>
<td>2.6</td>
<td>3.5</td>
</tr>
<tr>
<td>Administration of justice</td>
<td>0.0</td>
<td>0.7</td>
</tr>
<tr>
<td>General government</td>
<td>0.2</td>
<td>0.2</td>
</tr>
<tr>
<td>Other</td>
<td>0.0</td>
<td>0.1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>7.0</td>
<td>10.9</td>
</tr>
<tr>
<td>B. Distribution of grants by BEA category:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discretionary</td>
<td>N/A</td>
<td>2.9</td>
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<tr>
<td>Mandatory</td>
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<tr>
<td><strong>Total</strong></td>
<td>7.0</td>
<td>10.9</td>
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<tr>
<td>C. Composition:</td>
<td></td>
<td></td>
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<tr>
<td>Payments for individuals</td>
<td>2.5</td>
<td>3.7</td>
</tr>
<tr>
<td>Physical capital</td>
<td>3.3</td>
<td>5.0</td>
</tr>
<tr>
<td>Other grants</td>
<td>1.2</td>
<td>2.2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>7.0</td>
<td>10.9</td>
</tr>
<tr>
<td>Percentage of total grants:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Payments for individuals</td>
<td>35.3%</td>
<td>34.1%</td>
</tr>
<tr>
<td>Physical capital</td>
<td>47.3%</td>
<td>45.7%</td>
</tr>
<tr>
<td>Other grants</td>
<td>17.4%</td>
<td>20.2%</td>
</tr>
</tbody>
</table>
| **Total**              | 100.0% | 100.0%   | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0%| 100.0%
MAX Analytics

- Analyze and visualize data from MAX Collect and other data sources
- Easy-to-use interface for queries, reports, 3D Charts, and Graphs, GIS mapping
- Data Cube functionality allows users to “slice and dice” data for real time analysis and review
- Publish Output in multiple formats, including PDFs, spreadsheets, and HTML with dynamic drilldown
- Dynamically integrate into the Community and other web dashboards
Integrated GIS Mapping
MAX Survey – 1,000+ Surveys

Easy-to-use web-based surveys with unique capabilities for government use

- Wide selection of survey question types including conditional sections and customized templates
- Capable of large scale and high-volume
- Wide variety of survey modes:
  - Anonymous links – either unrestricted or limited to specific groups
  - Individualized (“tokenized”) links:
    - Customized invitation emails, response tracking, and targeted follow-up
    - Results can be anonymous, fully attributed, or retain only meta-data
    - Can require user login for more security
- Results can be dynamically displayed in real time dashboards and integrated with other data sets using MAX Analytics
- FISMA and Section 508 compliant
Using MAX Community

OMB Director’s Review

How OMB uses MAX Community to produce the OMB Director’s Review Books
Publication of OMB Director’s Review: Challenges and Solutions

Challenge: Time-Consuming and Manual

Production process took *over an hour* before final product could be sent to the printer

- After documents are finalized, each needs to be PDF-ed and saved locally
- Adobe Acrobat is used to combine documents into a single PDF
- Table of Contents is created manually in Word or Excel and merged into the PDF, along with the cover
- Bookmarks are created manually

Solution: Document Assembly to PDF

Process takes **10 minutes** for the initial set-up and **3 minutes or less** for each assembly

- Independently convert separate Word and Excel “chapters” into PDFs
- Individual PDFs are automatically combined into a single PDF book
- Multi-level Table of Contents is included with bookmarks and page numbers
Centralized Location for Tracking Document Workflow

### Book materials

<table>
<thead>
<tr>
<th>Exhibit</th>
<th>Status</th>
<th>Workflow History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover</td>
<td>Authoring</td>
<td>Click for History</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>BC Comments</td>
<td>Click for History</td>
</tr>
<tr>
<td>Exhibit 1—Decision Tracker</td>
<td>DAD Comments</td>
<td>Click for History</td>
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<td>Exhibit 2—Agency Overview</td>
<td>Review of DAD Comments</td>
<td>Click for History</td>
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<td>Exhibit 3—Discretionary Summary</td>
<td>DAD Comments</td>
<td>Click for History</td>
</tr>
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<td>Exhibit 4a—Discretionary Issue Papers</td>
<td>Ready for Review Book</td>
<td>Click for History</td>
</tr>
<tr>
<td>Exhibit 4b—Mandatory/Receipts Issue Papers</td>
<td>Ready for Review Book</td>
<td>Click for History</td>
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<tr>
<td>Exhibit 5—Discretionary PAD-Decided Issues</td>
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<td>Exhibit 6—Mandatory Proposals</td>
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<td>Exhibit 7a—Discretionary Changes in Mandatory Programs (CHIMPs)</td>
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<td>Exhibit 7b—User Fees, Receipts, and Offsetting Collection Proposals</td>
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<td>Exhibit 7c—Non-CHIMP Cancellations</td>
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<td>Exhibit 8—Discretionary Reductions</td>
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<td>Exhibit 9—Evidence and Innovation</td>
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<tr>
<td>Exhibit 10—Agency Priority Goals and Strategic Objectives</td>
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<td>Click for History</td>
</tr>
</tbody>
</table>
Document Assembly

- Automated for wide-spread use outside of OMB
- Improved, easy-to-use interface
- Choice of:
  - Inserting a multi-level, customized Table of Contents
  - Inserting page numbers
  - Inserting a cover page
  - Vertical or landscape page format
Using MAX Community and Collect President’s Budget Key Issues Fact Sheets

How OMB uses MAX Community and MAX Collect to produce the PB Key Issues Fact Sheets
Publication of PB Key Issues Fact Sheets: Challenges and Solutions

CHALLENGES

- Most budget highlights are referenced in multiple Fact Sheets
- Changes made to any budget highlight need to be updated in all relevant Fact Sheets
- Can take up for 3 days

Budget Highlights used to build Fact Sheets, 21 Key Issues Fact Sheets posted to WhiteHouse.gov

SOLUTION

- Text was collected in MAX Collect and exported documents were uploaded to MAX Community
- Process parsed all budget highlights from each Fact Sheet into individual documents using Document Compare and attributing edits

Formatted Exports from MAX Collect

- 48 Word documents with track changes and comments
- Data merge process parses 1,053 different versions
- Each Budget Highlight was merged with others similar to it, with tracked changes on, resulting in 204 separate versions

Multiple Authors and External Reviewers

- External reviewers include OMB Director's Office, West Wing and EOP Policy
- Each reviewer makes edits to Fact Sheets in MS Word

Document Compare
Over 200 Budget Highlights used to Build Fact Sheets
FY 16 Key Issues Fact Sheets on Whitehouse.gov

The President’s Budget: Fact Sheets on Key Issues

Middle Class Economics: Supporting Women and Working Families

The President's 2016 Budget is designed to bring middle class economics into the 21st Century. This Budget shows what we can do if we invest in America's future and commit to an economy that rewards hard work, generates rising incomes, and allows everyone to share in the prosperity of a growing America. It lays out a strategy to strengthen our middle class and help America’s hard-working families get ahead in a time of relentless economic and technological change. And it makes the critical investments needed to accelerate and sustain economic growth in the long run, including in research, education, training, and infrastructure.

These proposals will help working families feel more secure with paychecks that go further, help American workers upgrade their skills so they can compete for higher-paying jobs, and help create the conditions for our businesses to keep generating good new jobs for our workers to fill, while also fulfilling our most basic responsibility to keep Americans safe. We will make these investments, and end the harmful spending cuts known as sequestration, by cutting inefficient spending and reforming our broken tax code to make sure everyone pays their fair share. We can do all this while also putting our Nation on a more sustainable fiscal path. The Budget achieves about $1.8 trillion in deficit reduction, primarily from reforms to health programs, our tax code, and immigration.

The U.S. economy is recovering: in 2014, the economy added more jobs than in any full calendar year since the 1990s, and the unemployment rate fell. In December 2014, the unemployment rate for women over age 16 fell to 5.3 percent, down 1.2 percentage points from a year ago and 3.7 percentage points from November 2010 when it reached its highest level during the Great Recession. The Budget builds on this progress, taking a number of steps to expand opportunity and promote equal pay for women and girls. These efforts focus on strengthening the position of women in the workforce, supporting the needs of working women, protecting women and girls from domestic violence and sexual assault, and ensuring that children are given access to early education and good nutrition.

SUPPORTING WOMEN AND FAMILIES IN THE WORKPLACE

As our economy changes, we need to ensure that the Nation’s workers have the skills they need to succeed in family-supporting jobs. The Administration builds on the bipartisan Workforce Innovation and Opportunity Act (WIOA) with investments that connect workers with good jobs, prepare workers with the skills employers need, and support employers to create more on-the-job training and
Using MAX Collect

Heartbleed Vulnerability

How the E-Gov Office at OMB uses MAX Collect to gather data on potentially vulnerable systems
Challenges and Solutions

Previous Issues

- Multiple respondents
- Lack of version control
- Prone to errors

Pain Points

- Information collection
- Lack of good analysis

MAX Solution

- Streamlined data collection
- Daily snapshot of data
- Real-time dashboard
Agency Driven Data Collection

Data is collected at the agency level, with agencies entering in specific data for all vulnerable systems:

- Folder structure is organized by responding agencies
- Collects data inputs in structured tables
  - Drop-down constraints
  - Required columns

Please keep these answers up to date. OMB will snapshot agency data at 12:00pm each Thursday.

Part 3: Due 12:00pm each Thursday

**Part 3: Incompletely Remediated Systems**

This list of systems should describe all incompletely remediated systems which were once vulnerable: public-facing as well as internal, government-owned as well as contractor-provided, applications as well as services.

<table>
<thead>
<tr>
<th>Name of S.</th>
<th>Brief Desc.</th>
<th>FIPS 199 Strength</th>
<th>Current St.</th>
<th>Estimated Rem.:</th>
<th>Remediated Al:</th>
<th>Rem. Al Description:</th>
<th>Type of SL:</th>
<th>Remediation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>Internal</td>
<td>Medium</td>
<td>Complete</td>
<td>Complete</td>
<td>TBD</td>
<td>No one has tested...</td>
<td>Not public...</td>
<td>Completed...</td>
</tr>
<tr>
<td>Test 2</td>
<td>General</td>
<td>Medium</td>
<td>In Progress</td>
<td>TBD</td>
<td>N/A</td>
<td>No one has inspected...</td>
<td>Not public...</td>
<td>Completed...</td>
</tr>
<tr>
<td>Test 3</td>
<td>Web</td>
<td>Low</td>
<td>Complete</td>
<td>N/A</td>
<td>N/A</td>
<td>Internal only...</td>
<td>Public certific...</td>
<td>Completed...</td>
</tr>
</tbody>
</table>
**Current Snapshot of Agency Data**

Each table below shows the latest agency data for all systems which have not been “completely remediated” according to the field “Remediation Status.” The trend line graph also shows historical data. Before April 24 this data shows the count of “all currently vulnerable systems,” regardless of mediation status.

<table>
<thead>
<tr>
<th>Type of System</th>
<th>System Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>93</td>
</tr>
<tr>
<td>Not public/citizen service and does not include access control</td>
<td>31</td>
</tr>
<tr>
<td>Not public/citizen service but does include access control</td>
<td>374</td>
</tr>
<tr>
<td>Public/citizen service without access control</td>
<td>2</td>
</tr>
<tr>
<td>Grand Total</td>
<td>580</td>
</tr>
</tbody>
</table>

**Type of Use**

<table>
<thead>
<tr>
<th>Type of Use</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Public Use</td>
<td>405</td>
</tr>
<tr>
<td>Public Use</td>
<td>53</td>
</tr>
<tr>
<td>Unknown</td>
<td>2</td>
</tr>
</tbody>
</table>

**Current Status of Patching**

<table>
<thead>
<tr>
<th>Patch Status</th>
<th>System Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blank</td>
<td>3</td>
</tr>
<tr>
<td>Complete</td>
<td>278</td>
</tr>
<tr>
<td>In Progress</td>
<td>200</td>
</tr>
<tr>
<td>Not Yet Started</td>
<td>21</td>
</tr>
<tr>
<td>Grand Total</td>
<td>580</td>
</tr>
</tbody>
</table>
Using MAX Community
Budget Justification Sheets

How the U.S. Army Corps of Engineers uses MAX Community manage the production of J-Sheets
Managing USACE J-Sheets: Challenges and Solutions

Challenge: Version Control

The review and production process was very time-consuming and disorganized due to lack of control over individual documents

- Almost 1,000 documents are edited and approved by multiple parties at multiple levels of review
- Changes made in MS Word and e-mail are lost and version history is compromised
- Table of Contents is created manually in MS Word

Solution: Workflow in MAX Community

Several dashboards are used to manage budget J-Sheets organized by appropriation

- Five-stage workflow is used to track the status of all documents
- All versions of each document are maintained and can be restored
- Dashboards keep track of which documents are in which stage of review to help authors quickly identify the status of each document
Welcome to the USACE collaboration space for the production of the FY 2017 Budget Justification Sheets. Justification sheets should focus on justifying work that is being presented for funding in the Budget. Any part of a project that is not part of the budgeted work should be identified as unprogrammed and footnoted with an explanation accordingly. Also note that all references to authorizations and/or other legal requirements should be specifically cleared by your Office of Counsel.

- **Six appropriations in the menu bar**
- **Drop-downs for each appropriation**
- **Click on the appropriation or the specific drop-down to locate J-Sheets**
Workflow & Dashboards

Workflow Dashboard of Investigations J-Sheets

Uploading J-Sheets to the Dashboard
- Click on the MSC from the menu bar on the right-hand side.
- Follow the instructions on that page.

Locating and Accessing J-Sheets from the Dashboard
- Click on the J-Sheet you wish to review.
- Edit the document located in the Attachments section.
- After you save and re-upload the file to MAX Community, promote the document to the next phase of review by clicking on the appropriate workflow button.

Phase I: RIT Review

- ENR MVD Louisiana Coastal Area LA Modified by Justina Tong(ED) on May 28, 2015 02:41 PM
- ENR LRD GLMRIS IL, IN, OH, WI Modified by Justina Tong(ED) on May 28, 2015 02:44 PM
- ENR MVD Kaskaskia River Basin IL Restoration Modified by Justina Tong(ED) on May 28, 2015 02:44 PM
- ENR MVD Minnesota River Watershed MN and SD Modified by Justina Tong(ED) on May 28, 2015 02:45 PM
- ENR MVD St Louis Riverfront-Meramec River Modified by Justina Tong(ED) on May 28, 2015 02:46 PM
- ENR MVD Red River of the North Basin ND MN SD Canada Modified by Justina Tong(ED) on May 28, 2015 02:47 PM
- ENR NAD Chesapeake Bay Comprehensive Plan MD PA and VA CN GI Modified by Justina Tong(ED) on May 28, 2015 02:48 PM
- ENR NWD Adams and Denver Counties CO Modified by Justina Tong(ED) on May 28, 2015 02:48 PM
- ENR NWD Dungeness River Ecosystem Restoration Study WA Modified by Justina Tong(ED) on May 28, 2015 02:51 PM

Go Home to FY 2017 Budget Page
Workflow & Dashboards

Guidance and Overview

- Version 1 of the J-Sheet that appears on this page is the OMB cleared FY 2016 J-Sheet, which has been renamed to the standard FY 2017 naming convention. This version should be used by the Corps as the starting point in the development of the FY 2017 J-Sheet.
- Version 1 shall not be advanced/promoted to the ASA(CW)'s office.
- Changes to Version 1 of the J-Sheet should be limited to updating the financial information, work accomplished, work scheduled, and other information that requires revision. Editorial changes should be by exception only. Narrative language that has previously been removed/excluded/struck/deleted from the J-Sheet by ASA(CW) or OMB should not be included in the FY 2017 J-Sheet.

Instructions for Editing your Word Document in MAX Community

- Either "Download" or "Edit" for the attachment you want to review.
  - If you download a copy by clicking "View," make sure you save locally and re-upload the updated document with the same file name. All previous versions of the document are saved on MAX Community and can be restored.

Phases of Review

- Phase I: RIT/Other Programs Review
- Phase II: BLM/PID Review
- Phase III: OASA(CW) Review
- Phase IV: OMB Review
- Phase V: Cleared

Promote or demote to the proper phase of the workflow by pushing the appropriate "Status" button in the table below.
Using MAX Collect

Questions-for-the-Record

How the Department of Justice uses MAX Collect to manage the QFR process
Challenges and Solutions

Previous Processes, Tools, and Issues

- Manual, paper-based processes using MS Word and e-mail
- Strict deadlines requiring a quick turnaround
- Resource-intensive
- Lack of version control
- Managing clearances

Pain Points

- Information Collection
- Workflow Management
- Document Publication

MAX Solution

- Structured data collection
- Workflow management
- Import utility to bulk uploads
- Formatted publications
Benefits of MAX Collect

STRUCTURED DATA

Department of Justice - FY 2016 Hearing Products

Shelby 3 - Adam Walsh Act Funding

Question:
How does the Marshals Service staff coordinate with state and local law enforcers?

Lead-in Information From Original Document:
The Adam Walsh Child Protection and Safety Act tasks the Marshals Service with apprehending fugitive sex offenders - convicted criminals who have committed heinous acts and are required to maintain updated registration records about themselves. The 2016 budget requests $61 million for the Marshals Service Sex Offender investigators, which includes additional funds for training, operations, software licensing, and computer database fees to help agents do their jobs more effectively.

Contact Information:
Please fill in this section if you contributed to a Q&A response. This will help the senior management offices if they have questions regarding an answer.

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>E-mail Address</th>
</tr>
</thead>
</table>

CONSISTENT INFORMATION COLLECTION
Benefits of MAX Collect

CONSISTENT FORMATTING AND PUBLICATION

Department of Justice - FY 2016 Hearing Products
FY 16 Budget Hearing - Law Enforcement Panel

Shelby 1 - Adam Walsh Act Funding

Question

How successful has the Marshals Service been in recent years in apprehending fugitive sex offenders?

Lead-In Information From Original Document

The Adam Walsh Child Protection and Safety Act tasks the Marshals Service with apprehending fugitive sex offenders - convicted criminals who have committed heinous acts and are required to maintain updated registration records about themselves. The 2016 budget requests $61 million for the Marshals Service Sex Offender investigators, which includes additional funds for training, operations, software licensing, and computer database fees to help agents do their jobs more effectively.

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</tr>
</thead>
</table>

Answer

In Fiscal Year (FY) 2014, USMS arrested 11,206 fugitive sex offenders, which resulted in the clearance of 13,345 warrants. As of the second quarter of FY 2015, USMS has arrested 3,836 fugitive sex offenders and cleared 5,448 outstanding warrants.

In addition, the USMS Sex Offender Investigations Branch has obtained 4,130 warrants for federal prosecution of AWA-related offenses, and has cleared 3,362 (81%) of those warrants by USMS arrest since FY 2006.
Knowledge Management is only effective when content is automatically maintained as part of the organization’s normal daily activities.

- By using the MAX Community, MAX Collect, and MAX Analytics for information sharing, collaboration, data collection, analytical, & publishing activities, the knowledge content base automatically accumulates.
- The Community’s powerful capabilities for organizing and multi-purposing content can then transform this content into organizational knowledge.

**MAX Community**
- Pages
- Documents (attachments)
- Comments
- Diagrams

**MAX Collect, MAX Analytics**
- Data (textual & numeric)
- Charts & Graphs
- Faceted Search
- Publications
- Reports

**Knowledge**

**Gardening**

**Organizing**

**Multi-purposing**
MAX.gov Cloud Services Capabilities

Sponsored by The Budget Formulation and Execution Line of Business (BFELoB)

BFELoB Organization and Contacts

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Deputy Policy Lead:  Phil Wenger, OMB
Program Management Office Lead:  Mark Dronfield, Education
MAX Community Lead:  Steve Wynands, OMB
MAX Collect /MAX PaaS Lead:  Ryan Harvey, OMB
MAX Analytics, Survey, and Shared Desktop Lead:  Dan Chandler, OMB
MAX Authentication Lead:  Barry Napear, OMB

Learn More
About the Budget LoB:  www.BFELoB.gov  Contact: BudgetLoB@ed.gov
About MAX.gov:  www.MAX.gov  Contact:  MAXSupport@omb.eop.gov or (202) 395-6860