iEdison Development-Related RFI Responses

National Institute of Standards and Technology
U.S. Department of Commerce

NIST iEdison Feedback Session Meeting
#NISTiEdison
June 22, 2020

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Introductions

NIST iEdison Feedback Session Meeting
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June 22, 2020

- Bethany Loftin – Interagency & iEdison Specialist, NIST
  - Intro
  - What to expect from today's meetings
    - Presentations
    - Polls
    - Breakouts
    - Q&A's
- Aiping Zhang – IT Project Manager, Application Systems Division, OISM
  - Intro

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iEdison Re-Design Overview

- *Federal team* responsible for architecture design, requirements gathering, design and development of core iEdison which includes:
  - Invention
  - Patent
  - Utilization
  - Document service
- *Contractor team* responsible for requirements gathering, design and development of the following modules to support core iEdison:
  - Institution and Agency profile management
  - User account management
  - Integration with sam.gov to verify and pull Institution profile data
  - Integration with usaspending.gov to verify funding agreement
  - Integration with login.gov for authentication
  - Notification management
  - Auditing service
  - Reporting service
  - Data migration

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iEdison Re-Design Anticipated Timeline

Milestone	Anticipated Start	Anticipated End
Gather requirements on iEdison Core	01/2020	06/2020
Design and Develop iEdison core user interface	12/2019	07/2020
Design and Develop iEdison core business functions	04/2020	02/2022
Testing iEdison core	10/2020	02/2022
Gather requirements on support modules	06/2020	09/2020
Design and Develop support modules user interface	07/2020	10/2020
Design and Develop support modules business functions	07/2020	05/2021
Testing support modules	09/2020	05/2021
Communication and Training	08/2021	03/2022
Data Migration	03/2020	03/2022

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iEdison Re-Design Demo

Core iEdison Re-Design Sneak Peek

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iEdison Re-Design Demo

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POLL QUESTION: Overall, are you happy with the changes displayed in the demo of the iEdison Re-Design?

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RFI Response - General

- Received over 50 responses to the RFI
  - Universities
  - Research Institutions
  - Software Providers
  - Government agencies or contractors
  - Professional Organizations
  - Non-Profits
  - Consultants
  - Individuals
- All comments have been reviewed, categorized, consolidated, etc.
  - Pros, Cons, and Improvements
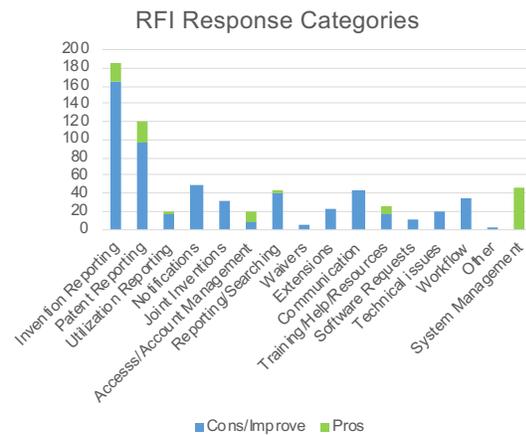 - Policy & Development
  - Type & Sub-Type

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Development RFI Responses

- Development Responses are responses that would require a change within the iEdison system itself
- 117 Pro Comments
- 590 Con or Improvement Comments

RFI Response Categories

Categories (left to right): Invention Reporting, Patent Reporting, Utilization Reporting, Notifications, Access/Account Management, Joint Inventions, Reporting/Searching, Waivers, Extensions, Communication, Training/Help/Resources, Software Requests, Technical Issues, Workflow, Other, System Management
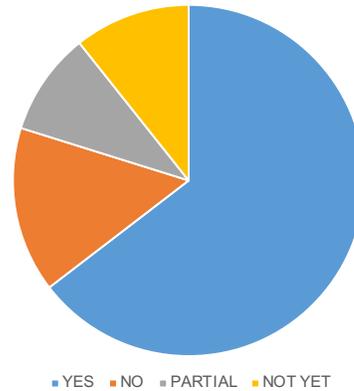
Legend: Cons/Improve, Pros

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RFI Comments Addressed

- Nearly all of the features related to the Pro comments have been retained
- 74% of Con & Improve comments have been completely or partially addressed in the new design OR a direct plan to address has been made

Con/Improve Comments Addressed

■ YES ■ NO ■ PARTIAL ■ NOT YET

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TOP 10 Comments

1. Ability to communicate with agencies within iEdison, eliminating or minimizing the need to send external emails
   - 43 Comments
   - YES - This feature is still being designed but it is being built within the new system.
   - We want your ideas on this section → will discuss in breakout sessions
2. Drag & Drop Parent/Child Inventions and Patents
   - 22 Comments
   - PARTIAL - This feature has been implemented in the new design for patents, but will likely not be possible for invention records as they are not usually displayed on the same screen. However, you can create the child invention record off the parent record within the graphic interface.
3. Linking Multiple Parent Patents to One Child (multiple provisionals)
   - 21 Comments
   - YES- Programmers are currently working to finalize this process. It will not be able to be drag and drop within graphic interface, but you will be able to go back in and add additional parent patents, if needed.

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TOP 10 Comments

4. **Difficulty in Combining Joint Inventions**
   - 20 Comments
   - YES – This is still being designed, but it is planned that the system will check if an application number already exists in the system and allow users to send a request to the other institution to transfer or void the record, and then direct approval and action by the funding agency will be required. In essence, all of this could be done within iEdison instead of via outside emails.

5. **Grant Number Formats are Outdated**
   - 19 Comments
   - YES – The system will allow TPO administrators to add grant formats as needed and agencies will be prompted to confirm funding formats, contact information, etc. no less than annually.

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Top 10 Comments

6. **Inability to Waive Without First Clearing Notifications**
   - 17 Comments
   - NO – Allowing waiver without clearing notifications would allow contractors to be non-compliant. Unfortunately, the agencies cannot unilaterally waive BD requirements. HOWEVER, we are working to make notifications easier to clear.

7. **Additional Patent Status Options Requested**
   - 15 Comments
   - YES – new technology AND patent statuses are being implemented
   - Patent Statuses – new statuses, which included "abandoned" and "expired", still being finalized for agency feedback

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Proposed Invention Status

Current Invention Status Options
Under Evaluation
Elect Title
Licensed as an unpatented biological Material or Research Tool
Not Elect Title – Waive to Government
Not Elect Title – Waive to Third Party
Request for Inventor Waiver
Assignment Approved
Assignment Denied
Barred
Government Does Not Take Title
Government Takes Title
Record Voided
Transferred
Greater Rights Requested

- Invention Status will be changed to "Invention Election Status"
  - Under Evaluation
  - Elect Title
  - Not Elect Title (with reason)
  - Designated Biological Material/Research Tool (depending on agency)

- New Field Named "Invention Disposition" will be added (*set by system or agency*)
  - Government Retains Rights
  - Government Does Not Retain Rights
  - Assigned to Inventor/3rd Party
  - Transferred
  - Voided
  - Barred (*will set automatically*)

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Proposed Patent Types

Current Patent Type	Proposed Patent Type
ORD/UTIL	ORD/UTIL
CIP	CIP
CON	CON
CPA	*Retire*
DIV	DIV
FWC	*Retire*
PCT	PCT
PROV	PROV
PVP	PVP
RCE	*Retire*

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Top 10 Comments

8. Expand Search and Reporting Capabilities
   - 15 Comments
   - YES – The new system will expand reporting abilities. There were be certain "standard" reports preselected as well as customizable reports (custom reports can be saved for future use). You will be able to run reports with information related to invention, patent AND UR in one report.

9. Inability to Correct Prov & PCT GSCs
   - 14 Comments
   - YES – The new system will clear GSC notifications on provisionals and PCTs when a GSC is accepted under a subsequent non-provisional application. The system will also clear GSC notifications if provisionals or PCTs are marked as abandoned.

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Top 10 Comments

10. Not Recognizing Parent/Child Technology Relationship resulting in notifications related to patent filing, utilization, barred status.
   - 13 Comments
   - YES – The new system will recognize patents filed under parent technologies as also relating to the child. Child notifications related to patent filings due and utilization reports due will automatically clear. Further, a child technology will not be listed as "barred" if a patent is filed under the parent application within the 1 year statutory period. Finally, funding under child technologies (if different) will be included in CLs.

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Polls:

PLEASE USE SLIDO TO ANSWER THE FOLLOWING
QUESTIONS FOR US TO ASSIST WITH DEVELOPMENT:

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- Do you create and use your own iEdison Coversheet for your invention disclosures?
- Does your institution participate in bulk uploads of Utilization Reports?
- How difficult would it be to enter URs starting on a date *other than* the beginning of your fiscal year?
- Are you both the signatory for CLs AND the person who uploads them into iEdison?
- Would you rather have the ability to preview documents previously uploaded for disclosures, GSCs, and CLs (PDF only) OR be able to upload any type of file? *To allow for all files, they would have to be downloaded, not previewed.*

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Let Us Know . . .

- What types of things would you like to see on the dashboard?
- What types of reports would you find helpful for the "standard" reports?
  - What are the questions you are trying to answer and what is the output you would like to receive?
- Are there any notifications that you feel are lacking from the current system and would like to add?
  - Anything you wish you would be notified about?
- Are there any specific notifications that you would like to receive via email in real-time, other than in your weekly email?

E-mail us your thoughts at:
iedison@nist.gov

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