Setting Expectations

Acknowledgements

The Five Essentials

To Be:

- Open
- Aware
- Truthful
- Connected
- Committed

An Enterprise View of the Research Portfolio

Identify-Plan-Develop-Implement-Fund-Evaluate Outcomes and Research Opportunities

Points to Consider

- eRA is funded to provide a core transaction system for grants and the base system to analyze all funded research projects funded by grants, contracts, and by the intramural program.
- The current eRA vision is not an integrated enterprise solution for NIH or the Department.
- OPDIVs and NIH need to examine the return on investment and the potential of making eRA an integrated solution.

How Research Initiatives Move Forward (a patchwork view)

- Initiative planning and development
  - **IC's systems**
- Implement
  - **eRA is the transaction system for receipt, review, award, and administer grants**
  - **ICs – pay lists, workflow, routing, documenting intermediate steps not currently in eRA**
- Evaluate
  - **eRA multiple tools to evaluate data for all funded research projects grants, contracts and intramural programs at NIH**
  - **IC-specific systems use eRA data (downloads or shared tables) for scientific coding and other analysis**

Launching a Research Effort

ICs & OPDIVs

- Initiate concepts and initiative development:
  - **Recommend and approve:**
    - Extramural Community, Branch, Division, IC, Council
  - **Integration with future year budget planning**
  - **Implementation**
    - Tie budget changes from formulation
    - PA, RFA, RFC document generation
  - **Evaluation**

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OER

- Announce
  - **Early Notification System (ENS) within OER**
  - **Publication in the NIH Guide/FedBiz OPPs**

Launching a Research Effort

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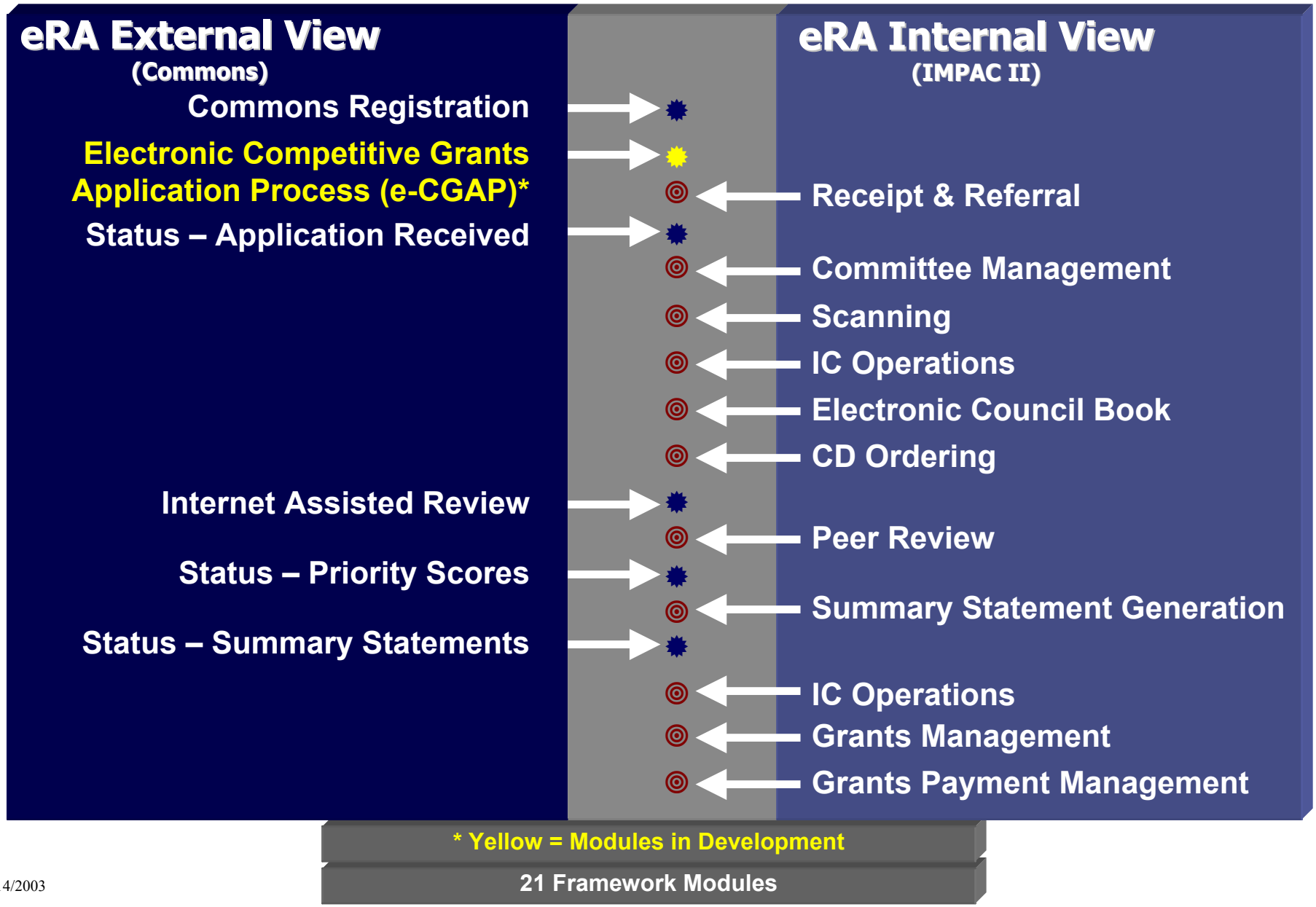
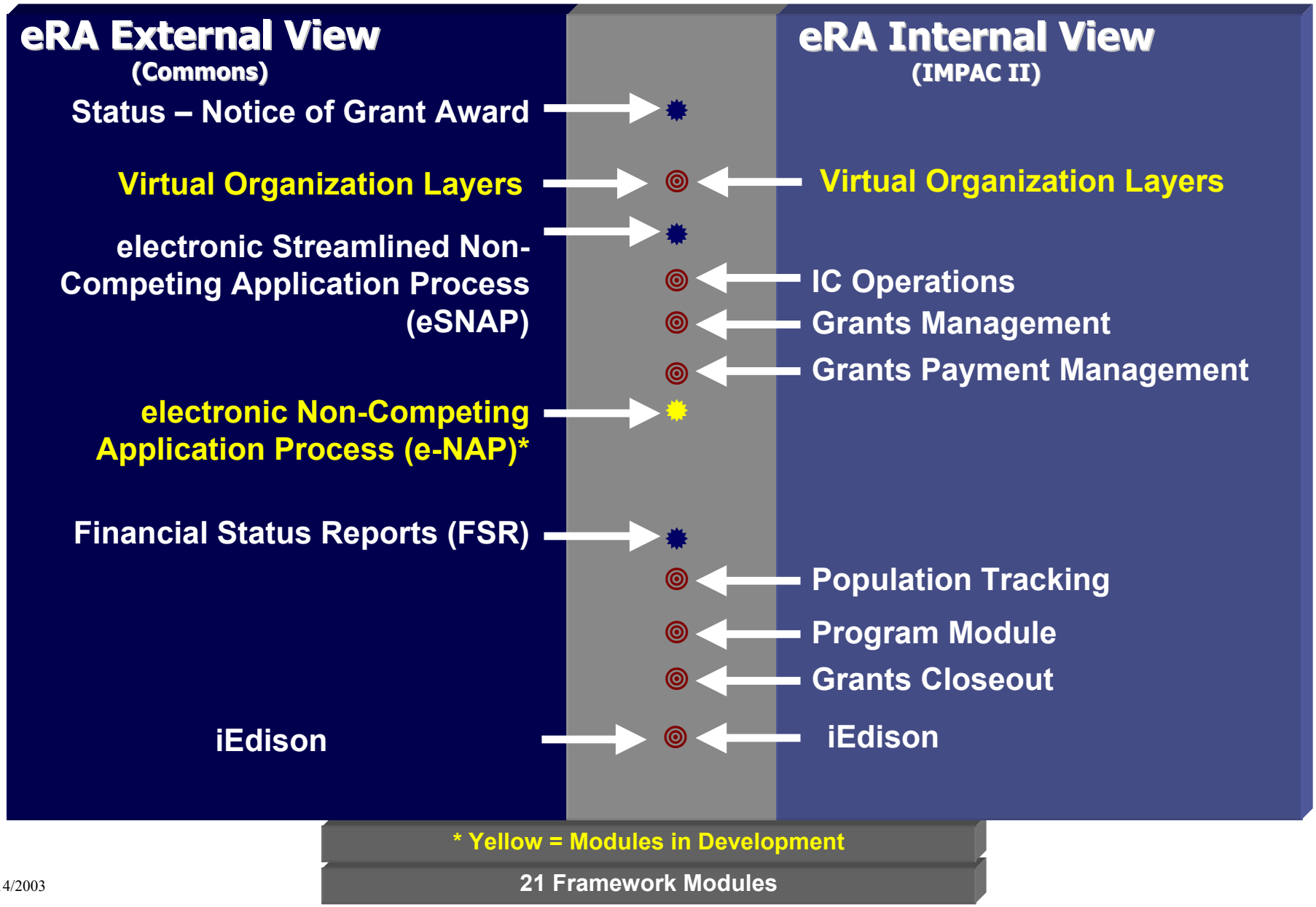
eRA

- **Implement, analyze, and monitor the projects received, reviewed and funded for the initiative**

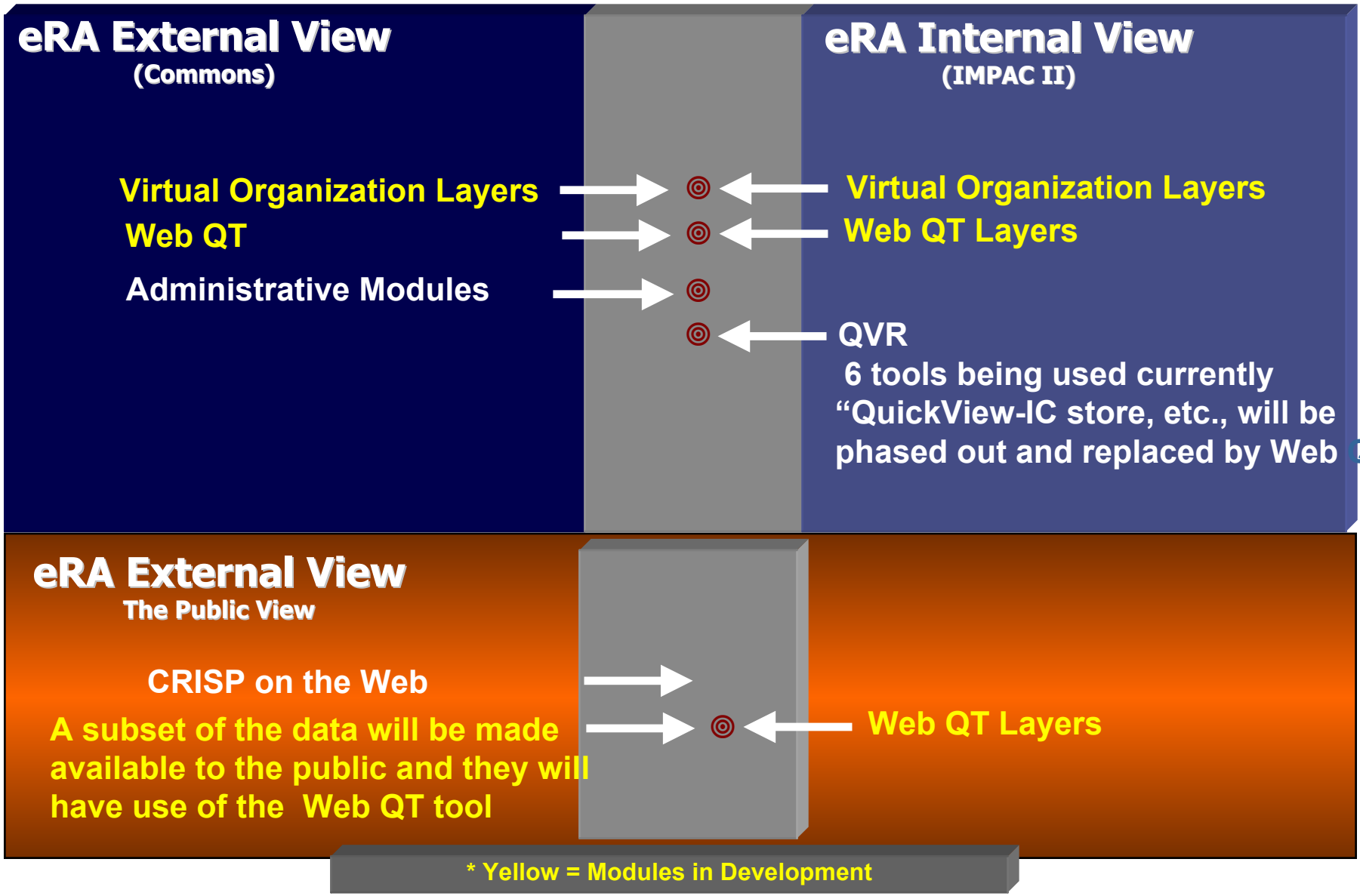
The eRA Core (Receipt Through Award Transaction Modules)



The eRA Core *(Post-Award Transaction Modules)*



The eRA Core (Aggregate Processing, Reporting Tools)



eRA Modules

IMPAC II

- Committee Management
- CRISP Plus
  - Scientific Reporting Module
- IC Operations
  - Program Management Interface
- Electronic Council Book
- Grants Payment Management
- Grants Management
- Grants Closeout System
- Paperless Business Practices (Scanning)
- Population Tracking
- Receipt & Referral
- Reporting Databases & Tools
  - QuickView
  - Grants Payment Reporting Module
  - QVR
  - J2EE Query Tool
- Peer Review
  - Summary Statement Generation
  - Internet Assisted Review
- CD Ordering
- SITS
- Trainee Activities
- User Administration Module
- X-Train
- Electronic 901s
  - Workflow Architecture

NIH eRA Commons

- Commons Base System
  - Accounts Administration
  - Profiles (IPF and PPF)
- X-Train and Status (Commons v.1 modules)
- Status System
- eSNAP
- CGAP
- FSR System
- iEdison
- CRISP on the Web

Background Modules

- ICE – IC Extensions. APIs.
- Common Mailers (will be merged into e-Notification)
- Batch Assignment Module for POs, PCCs, GMOs, GSs
- J2EE Base System (formerly the "framework modules")
- Status Code Computation Module
- Type 5 Processing
- Type 4, 6, 7 Processing

Shared Modules

- Person Data
- Grant Folder
- Grant Update Module (GUM)
- Subproject Maintenance Module
- ICSTORe
- Edit Checker
- eRA Notifications and Mailers
- Customizable Checklists

= Still in Development

Points to Consider

- We are missing critical opportunities to:
  - **Leverage the DHHS consolidation to add other transaction process or information needed by multiple OPDIVs**
    - A contract management system that uses the same receipt, review, and committee management modules already in place
    - Adverse event reporting, OLAW, protocol management, State Dept clearances, etc.
    - Adopting key personnel and co-PI standard terms for use across intramural and extramural
  - **Integrate business intelligence/knowledge discovery tools to:**
    - Improve, quality, efficiency, decision support
    - Analyze all research projects for gaps, redundancies, and emerging

Your Work Today is Critical

- The choices will be tough
- Additional requirements coming from on high
- Lack of clarity for OPDIVs developing data marts between the different systems that will be in use
- Budget pressures on NIH will mean additional scrutiny

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- Aware
- Truthful
- Connected
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