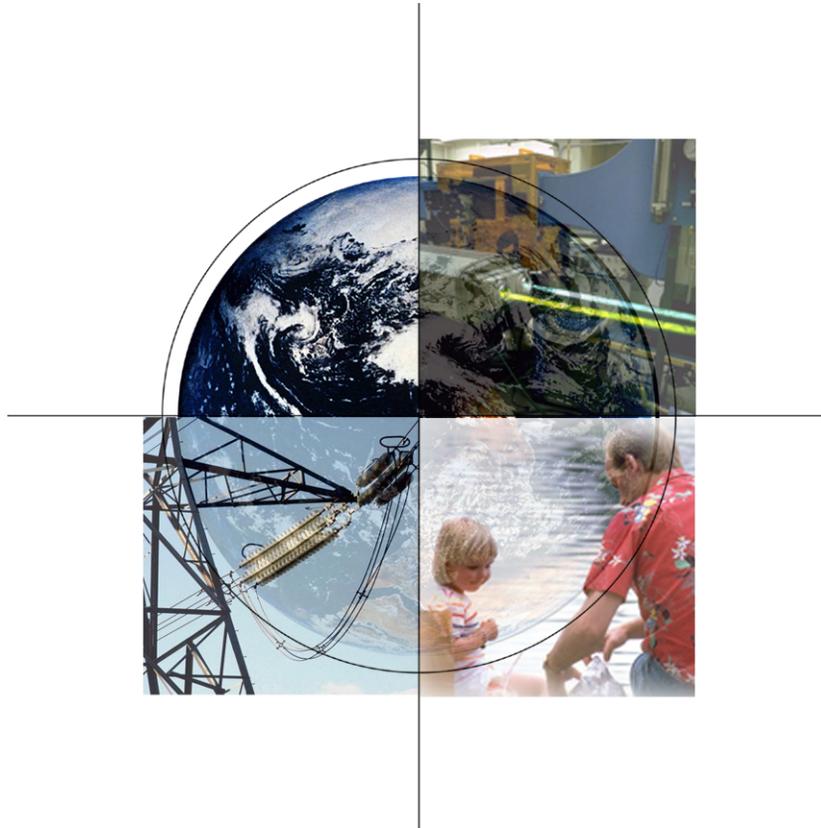


# Technology Review Process Update



**Implementation of the  
Technology Review  
Process**

**PITS Tech. vs APM DB**



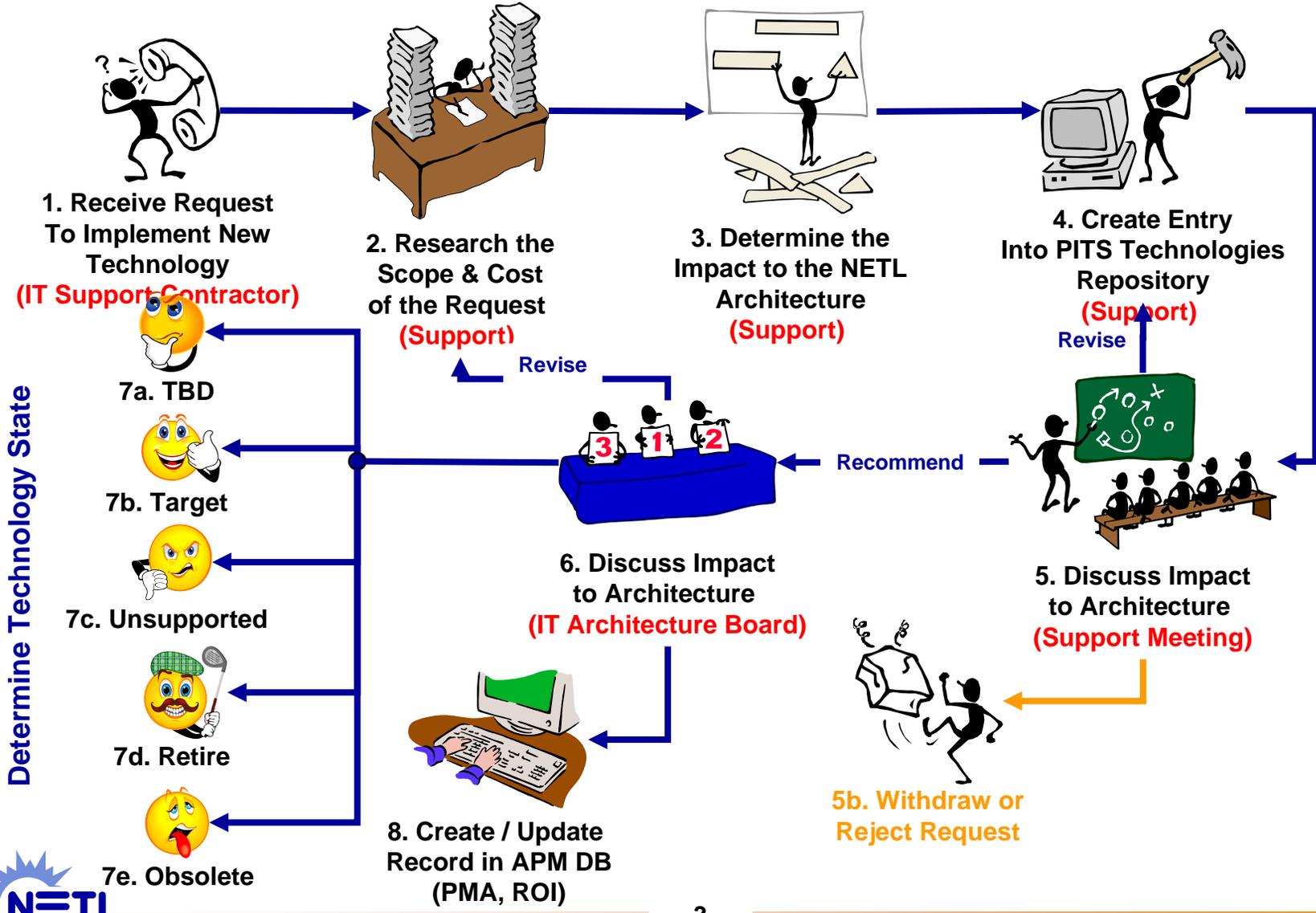
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# Agenda

- **Review the Technology Review Process (TRP) Workflow**
- **Identify the difference between the PITS Technologies Repository and the APM Database**
- **Quick review of the PITS Technologies States**
- **Quick review of the APM DB Technology States**
- **Discuss some key issues**
- **Questions**



# Technical Review Process Workflow



# PITS Technologies vs APM

## PITS Technologies

- Created to capture all aspects of Technologies Considered for Use at NETL
- Has a defined workflow for both IT Support Contractor and ITD
- Supports Attachments
- Supports linking Technologies to Projects / Special Tasks / Risks / Issues
- Captures the decision process and supporting documents for the implementation of a technology at NETL

## APM Database

- Created to record those Applications & Technologies that:
  - Have been implemented
  - or
  - Are targeted to be implemented
- Does not support a defined workflow – it only has data fields and reports
- Captures the implementation state of an application / technology with respect to the current and target architecture



# PITS Technologies Repository Example

**Technology** Skelta.BPM.NET 2006 ?

TIM ID TECHNOLOGIES - TIM - 1094 ? *Originator* [Redacted] Michael ? Count 1 ?

State Submit to IT Architecture ? Date 07/31/2007 11:34:54 AM ?

ITES Service Area(s) CFOS ? CS ? CSE ? Customer Priority High ?

ITES Service Catalog Category Enterprise Engine ? Type of Item Specific Service Area Technology ?

ROM Cost 14200 ? Recurring Costs 6099 ? On Tech Fcst Report? Yes ?

Architecture Technology Reference http://www.skelta.com ? TRM Service Standard 2.1.3 Platform Dependent ?

Supporting Task/Metric T1/18 ? ITD Category Data Management ?

Evaluated by Jonathan [Redacted] Workflow Tech. Review Team ?

Problem or Opportunity ?	Recommendation ?	Risks ?	Actions ?	General Notes ?	State History ?
<p>Skelta BPM.NET is a workflow serving service that can be embedded in a .NET application or used SharePoint (as a webpart). This 3rd Party software augments the NETL .NET software development environment by providing a mechanism for designing and executing workflows within an application. Extensive reporting is also provided that can be used to support business process audits.</p>					

**Mandatory Items**

< Previous Next >

Relationships (7)

Resolution Chronology (0)

Save TIM

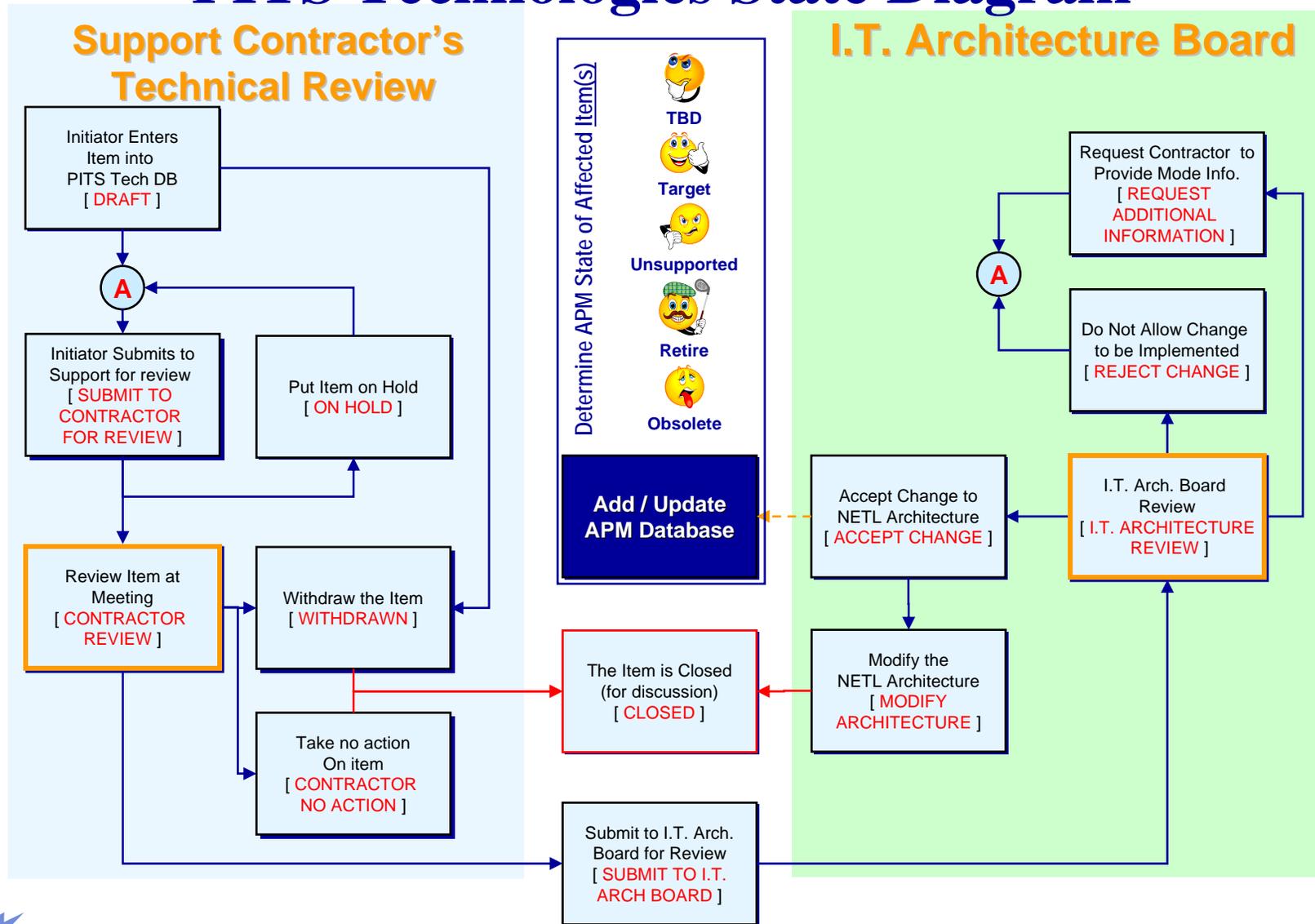
Save As

Create Report

Revisions (12)



# PITS Technologies State Diagram



# APM Database Example



**NETL** Application Portfolio Management

Home New View Queries Reports Administration My Account Help Logout

### Technology Details

**Technology Name:** Skelta BPM.NET 2006 **Technology State:** Target

**Description:** Skelta BPM.NET is a workflow serving service that can be embedded in a .NET application or used SharePoint (as a webpart). This 3rd Party software augments the NETL .NET software development environment by providing a mechanism for designing and executing workflows within an application. Extensive reporting is also provided that can be used to support business process audits.

**Technology Class:** A **Related Standard:** 2.3.1 Integrated Development Environr

**Vendor:** Skelta Software **Website:** http://www.skelta.com

**Target Level:** Yes **A Acceptable:** Yes

**B Acceptable:** No **C Acceptable:** No

**Weight:** 0 **Cost:** 20299

[Save Changes to Current Technology](#)

[Return to Technology List](#)



# APM Database - Technology States

- **TBD** - The Technology State has yet "To Be Determined" by the IT Architecture Board. If this technology is required, additional research is necessary in order to find the appropriate product. Such technologies may be generic and represent new or emerging technologies that may provide benefit to NETL. Emerging technologies may need to be monitored to assess their maturity and applicability to NETL's technical architecture.
- **Obsolete** - Obsolete technologies are not in place at NETL and will be considered out-of-date when building or maintaining systems.
- **Target** - These technologies are industry proven and should be used whenever appropriate. Certain conditions may be applicable. For example, the technology specification may be used for larger applications or when another technology is used. every target technology is not required for every project - it should not be used if it is not needed.
- **Retire** - The technology is currently in use but will be migrated to a newer, more efficient technology. The technology will remain in this classification until the technology has been migrated to the target replacement at which point it will become obsolete.
- **Unsupported** - For these technologies, a conscious decision was made to not include it into the Target Architecture. The technology may or may not be obsolete in this scenario; however, NETL has chosen not to use or support this technology.



# Key Issues

- **Do not confuse the Technology workflow state (PITS) with the Technology State (APM).**
  - PITS State refers to the state of the decision process
  - APM State refers to the NETL implementation state
- **Do not confuse:**
  - a general technology standard (e.g., Web Browser)  
*with*
  - a specific technology product (e.g., Microsoft Internet Explorer)  

MS Internet Explorer is a type of web browser
- **A general technology standard may be approved before a specific product is approved**
- **Adding a new technology may impact the APM State of existing technologies**
  - e.g., a new technology may cause an existing (or current) technology to be marked for retirement



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# Questions / Open Discussion



# Still Confused?

Here's an analogy:



- Think of NETL's Technical Architecture like a Manufacturing Company that creates Products



- IT Support Contractor represents the engineers, supervisors and workers managing the machines that make the products



- The I.T. Architecture Board is like a control group continuously reviewing the production capability and quality of the products produced



- The PITS Technologies Repository tracks the changes in the design of the machines that make the products



- The APM Database tracks the production output and quality of the products produced, as well as, identify areas for improvement