SAND2015-2997C

Exceptional service in the national interest

Sandia National Laboratories

Sandia's Conference Management Event Tracker Application

U.S. DEPARTMENT OF ENERGY

NNSA National Nuclear Security Administration

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Event Tracker

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- Delivered in Feb 2014, web-based application developed for managing Sandia personnel's attendance at events (conferences, meetings, seminars, etc.)
- 8,233 Requests to attend 2,845 Events (Feb2014 to Mar2015)
- Problems we needed to solve:
  - Ensure compliance with DOE's stringent conference reporting and approval requirements
  - Transparency of event attendance details to management
  - Continue Sandia's engagement in the important exchange of information and collaboration that occur in scientific and professional conferences
  - Reduce the chaos

Project Background

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- Technology: Custom developed Java application
- Database: Oracle
- Methodology: Agile development (Scrum) methodology
- Team Members: *(~3.5 FTE effort)*
  - 4 SW Developers
  - 1 QA Tester
  - 1 Project Manager
  - 1 Product Owner
  - Multiple Management/Stakeholders

Key Terms/Acronyms

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- **Event Tracker (ET)**

- **Conference Management (CM)** *~3 individuals*

  The team in Treasury and Travel responsible for aligning Sandia's CM process with DOE requirements. CM provides policy, process, and infrastructure support for Sandia.

- **Conference Portfolio Owner (CPO)** *~34 individuals*

  The individual responsible for the oversight and management of Events within a given technical area, called a Conference Category. Other related/supporting roles:

  - Deputy CPO *~20 individuals*
  - Event Owner (EO) *~81 individuals*
  - Authorized Viewer *~24 individuals*

- **iPortal**

  DOE's complex-wide Conference Management system. Requests must be entered by CM into iPortal before they can be approved. The data from iPortal (event title, DOE estimate, sponsor, etc.) is uploaded into ET nightly.

Key Terms/Acronyms - con't

- **DOE Estimate**

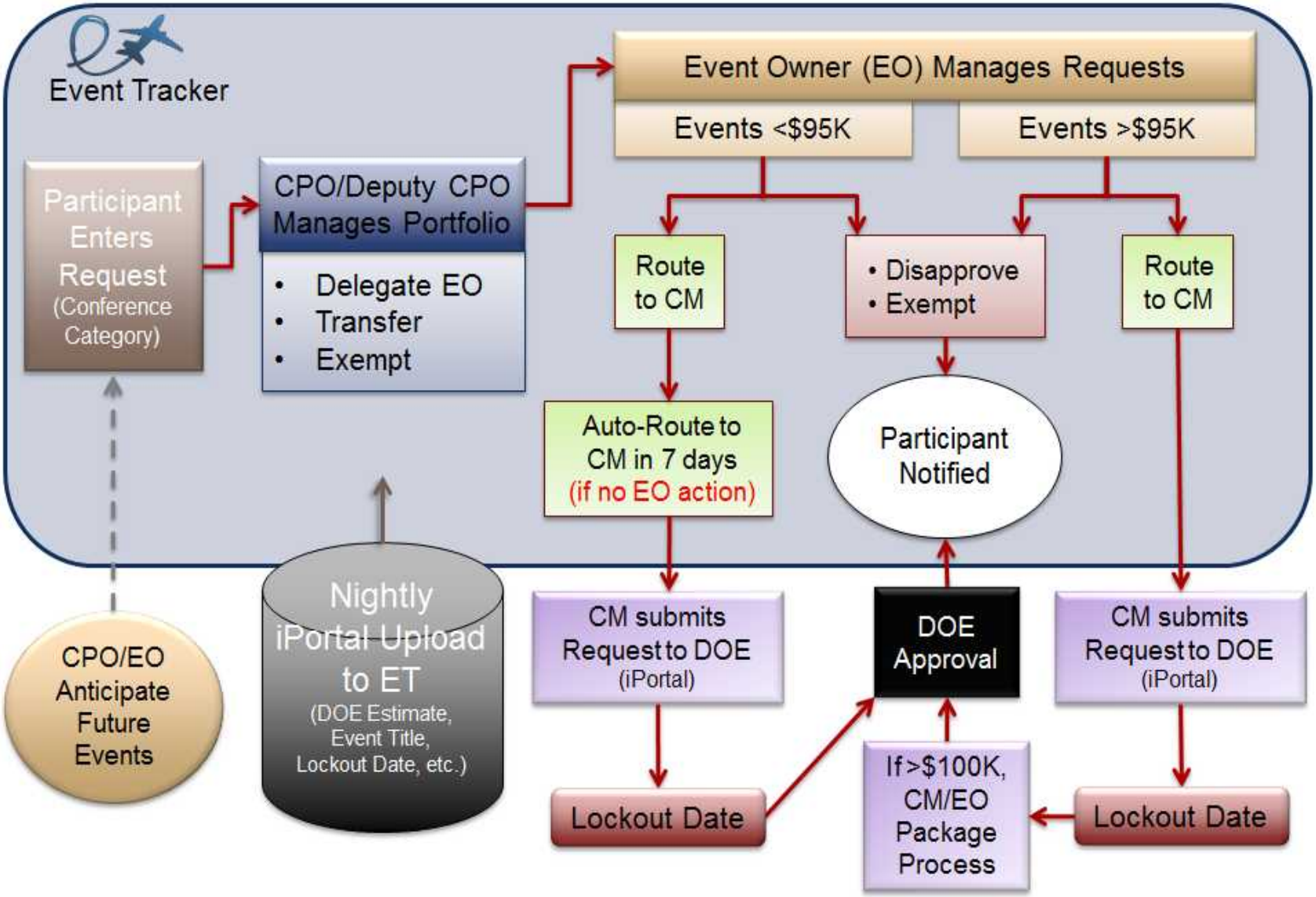
  The total estimated cost for an Event across all DOE sites. If the **DOE Estimate** is greater than $100,000, attendance to the event is limited and more rigorous approval process is required, called the **Package Process**.

- **Lockout Date**

  Established by DOE and comes from iPortal. For events over $100K, the **Package Process** begins after this date. For events less than $100K, approval can be sent to participants after this date.

- Participants submit a **REQUEST** to attend an **EVENT**.

Process Flow



Participant Enters Request (Conference Category)

Home Page

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Event Tracker

Help/Guidance FAQs Customer Feedback

Welcome to Event Tracker, Judy!

- ▸ Do I need to submit a Request to attend an event?
- ▸ When should I enter my Request?
- ▸ What is the status of my Request?

Start
Submit a Request or Search for Events

WARNING: Costs incurred prior to receiving approval notification from Conference Management for non-exempt events will not be reimbursed by Sandia.

- Home
- View Requests
- Search Events

Upcoming Events for Judy View all

	Request ID	Event Title	Status	Event Start	City
View	24082	Oracle Open World 2015	Submitted	10/25/2015	San Francisco
View	24080	Pink16 - IT Service Management Conference	Submitted	02/14/2016	Las Vegas

Showing 1 to 2 of 2 entries

For Content Questions: Conference Management | For Technical Assistance: CCHD (505) 845-CCHD

Participant Enters Request (Conference Category)

Search Events

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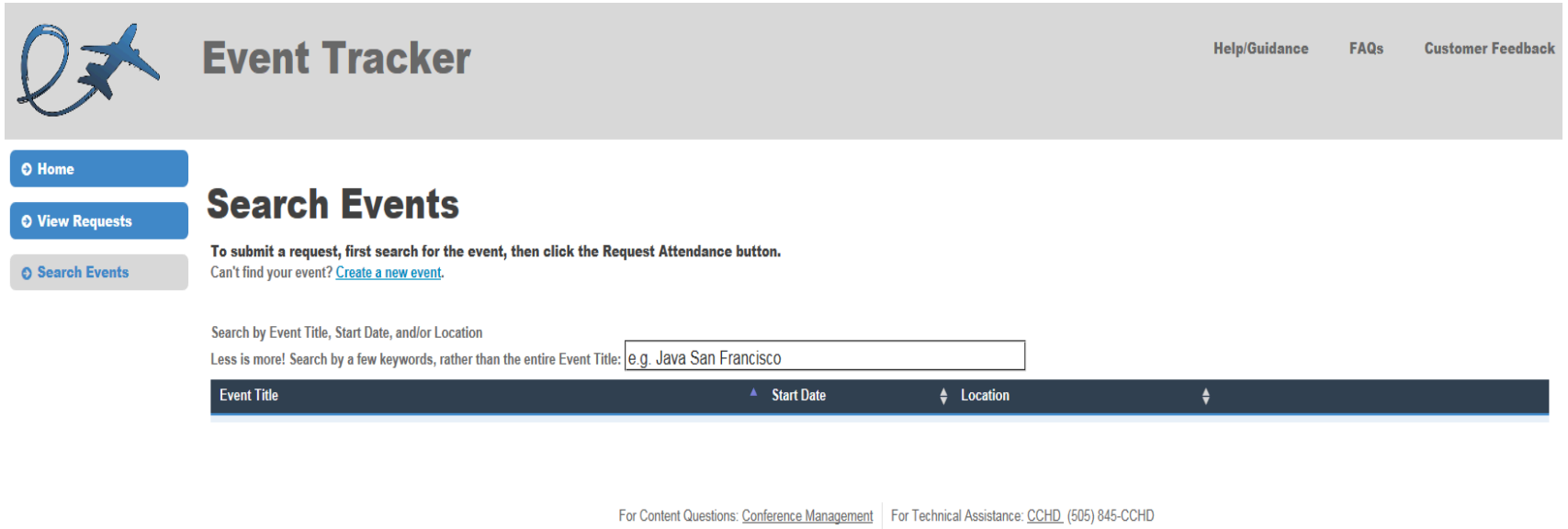

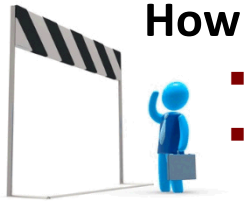

How can we help users FIND the event & reduce duplicate events?

- Search by Event Title, Start Date and Location
- Prevent 'create a new event' until user has searched first, reducing duplicate events

Participant Enters Request (Conference Category)

Search Results

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Event Tracker

Help/Guidance FAQs Customer Feedback

- Home
- View Requests
- Search Events

Search Events

To submit a request, first search for the event, then click the Request Attendance button.
Can't find your event? Create a new event.

Search by Event Title, Start Date, and/or Location
Less is more! Search by a few keywords, rather than the entire Event Title: oracle

Search Returned 4 active events.

Event Title	Start Date	Location		
Oracle Database 12c: Performance Management and Tuning	03/16/2015	Chicago, IL, USA	View Details	Request Attendance
Oracle Open World 2015	09/27/2015	San Francisco, CA, USA	View Details	Request Attendance
Oracle World: Human Capital Management (HCM)	03/25/2015	Washington DC, DC, USA	View Details	Request Attendance
Star and Planet Formation in the Southwest SPF1	03/23/2015	Oracle, AZ, USA	View Details	Request Attendance

For Content Questions: Conference Management | For Technical Assistance: CCHD (505) 845-CCHD

Participant Enters Request (Conference Category)

View Details

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Event Details

Title:	Oracle Open World 2015
Date:	10/25/2015 - 10/29/2015
Location:	San Francisco, CA, USA
Type:	
Status:	Approved
URL:	https://www.oracle.com/openworld/index.html
Conference Category:	Information Technology
	Event Owner: [redacted]

*NOTICE: If approved to attend this event, you will be notified after **06/26/2015**. This date is set by DOE and subject to change. If DOE limits attendance, additional processing time will be required.*

Number of active requests: 7

Organization	Request(s)
09542	2
09546	5

Manager Report | Request Attendance | Close

Manage user expectations about timeframe for approval

- Include Lockout Date and note in Event Details pop-up
- Repeat Lockout Date note in email notification

Participant Enters Request (Conference Category)

Request Attendance

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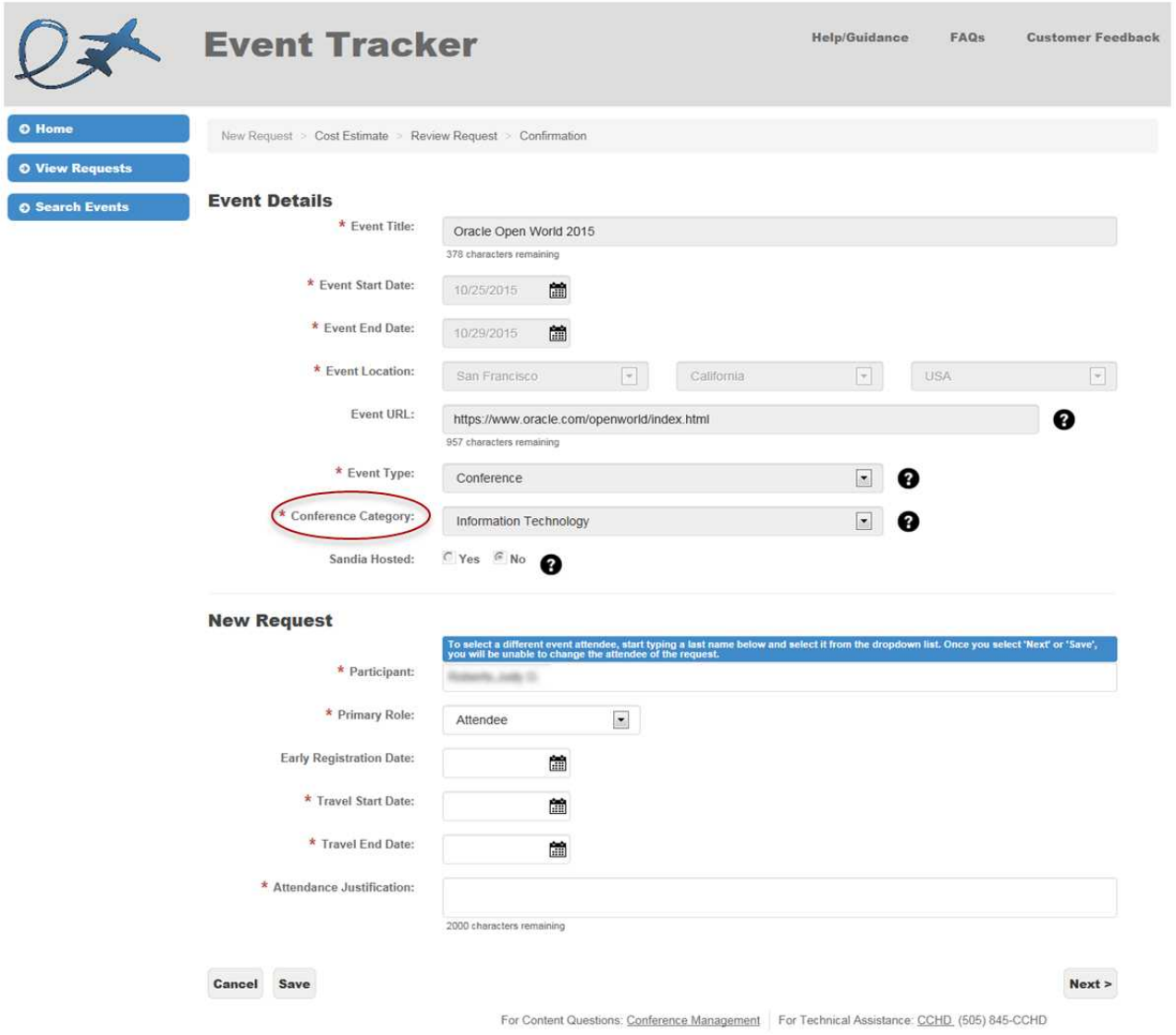

Participant Enters Request (Conference Category)

Cost Estimate

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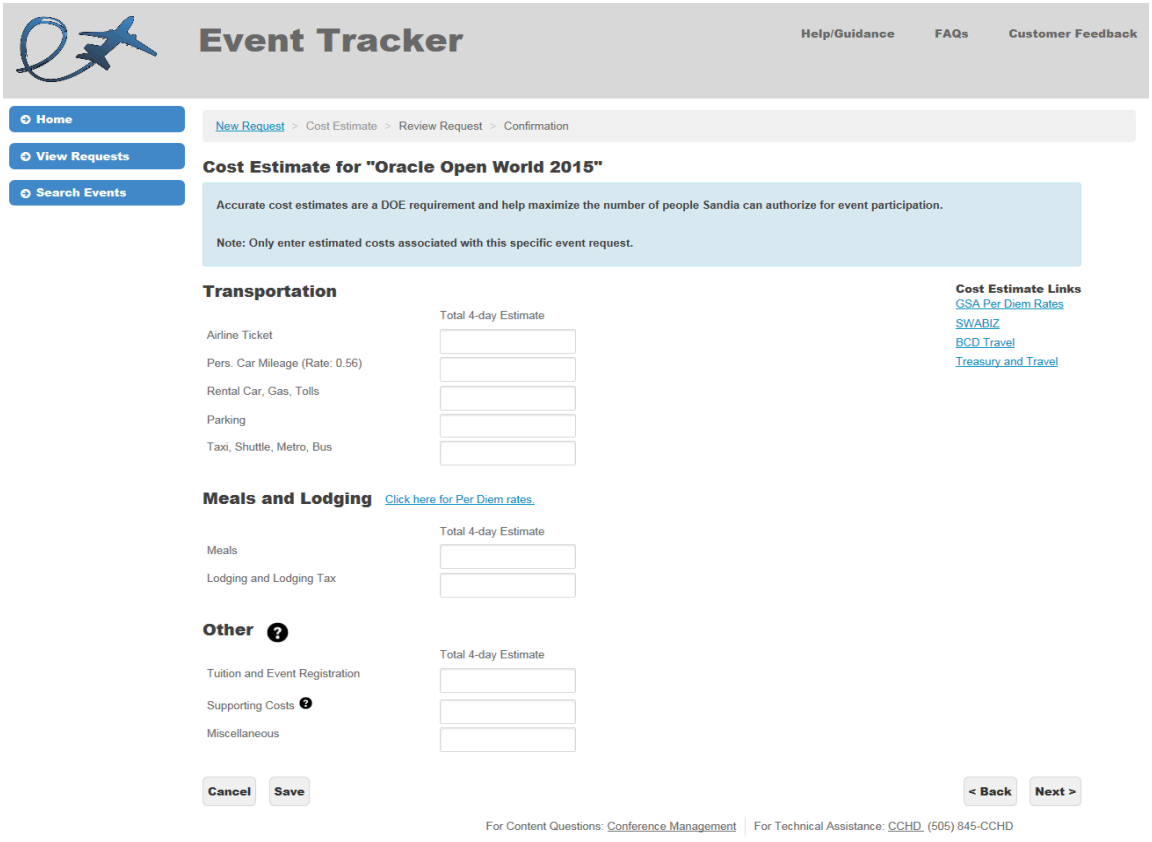

Participant Enters Request (Conference Category)

Review

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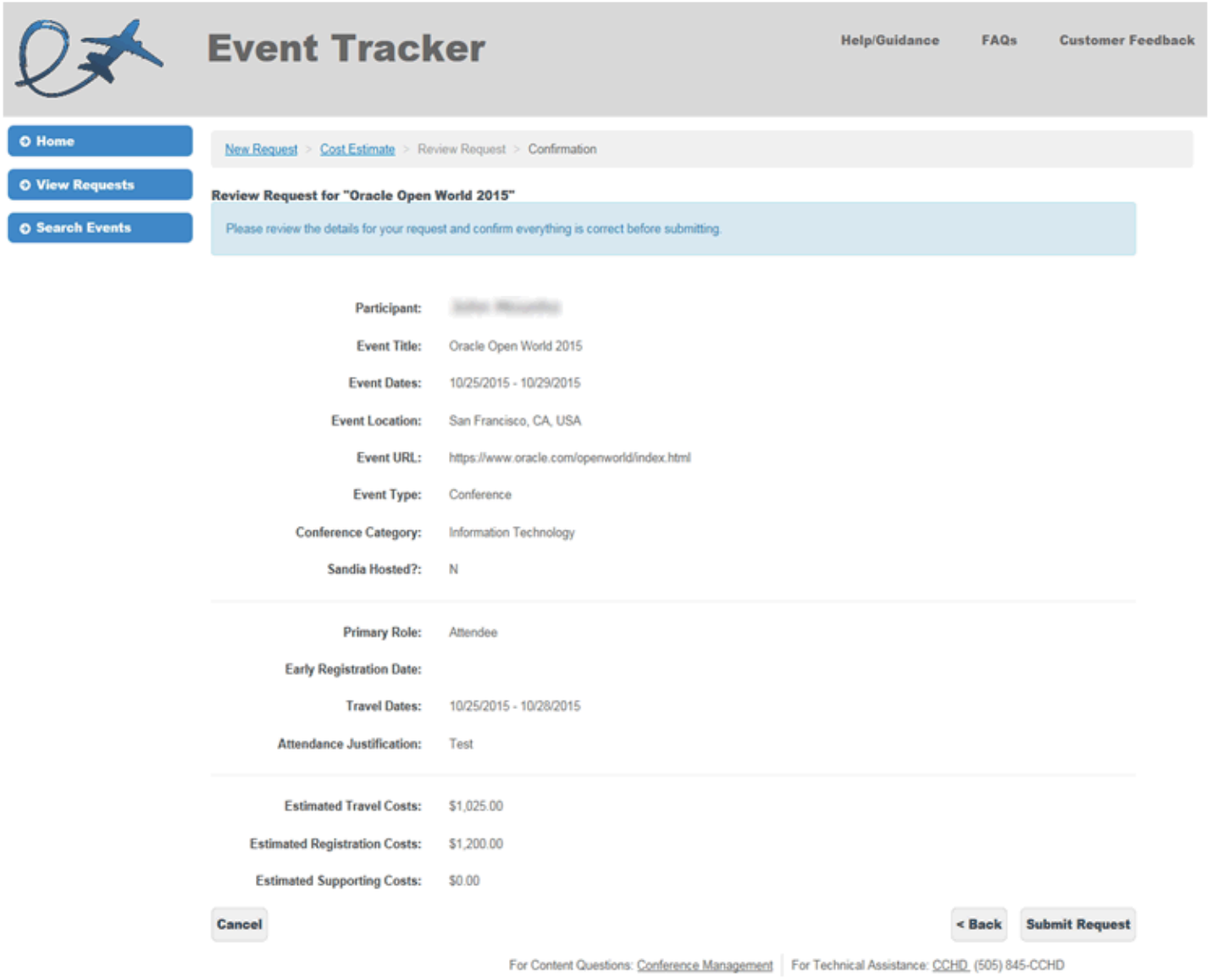

Participant Enters Request (Conference Category)

Confirmation

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Event Tracker

Help/Guidance FAQs Customer Feedback

- Home
- View Requests
- Search Events

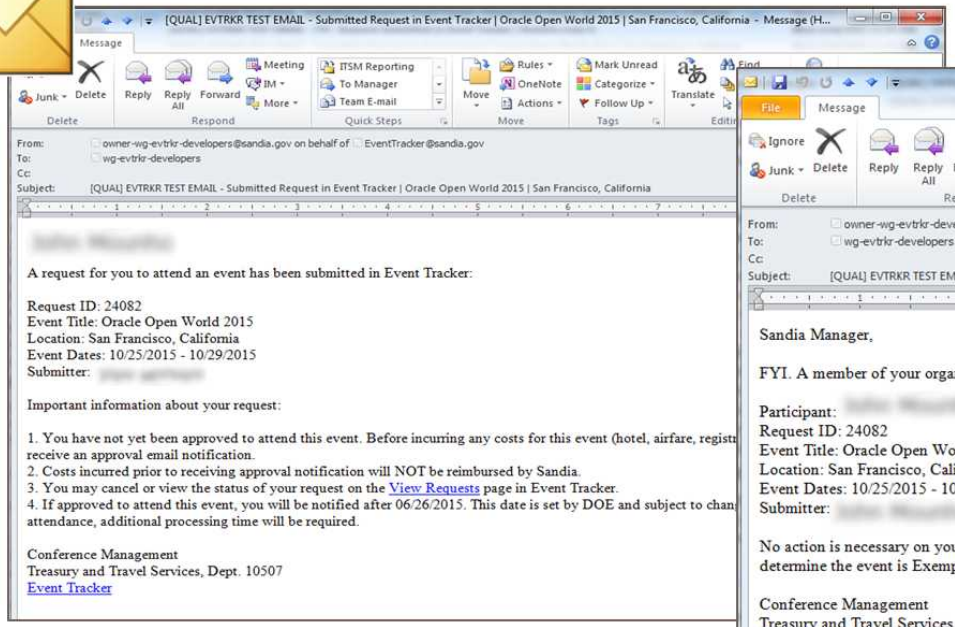
New Request > Cost Estimate > Review Request > Confirmation

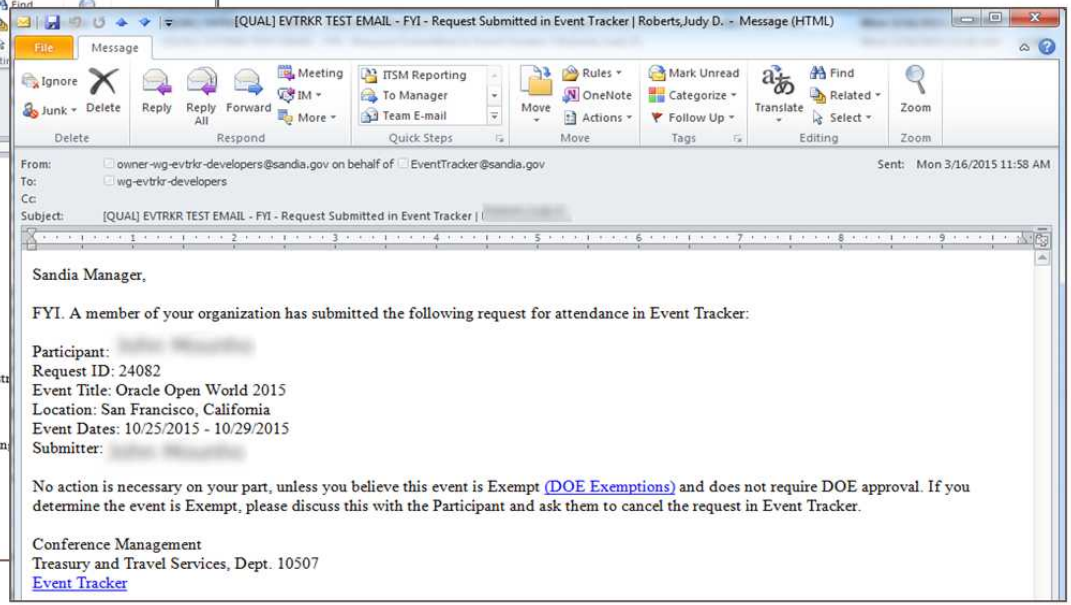
WARNING: Costs incurred prior to receiving approval notification from Conference Management for non-exempt events will not be reimbursed by Sandia.

Your request has been successfully submitted to Conference Management.

Request number is: 24082

You will receive an email confirmation shortly. Click here to view all of your requests.





CPO/Deputy CPO Manages Portfolio

Conference Portfolio Owner

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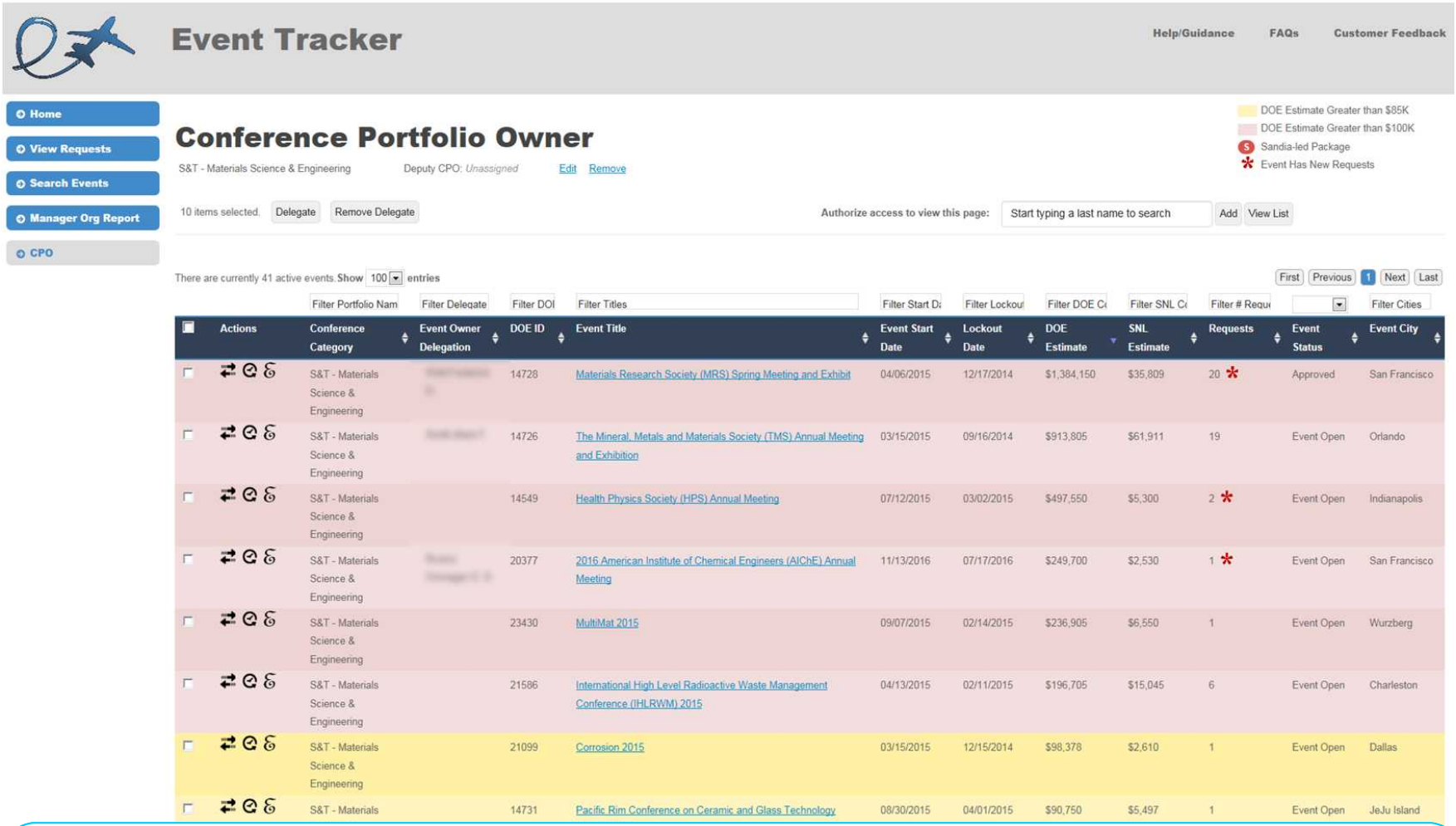

Cultural shift for CPO

- Supporting roles - **Deputy CPO** and **Authorized Viewer**
- Events with highest DOE Estimate appear on top of grid
- Red asterisk indicates Events with actionable requests
- Email notifications for action items

Event Owner (EO) Manages Requests

Manage Requests

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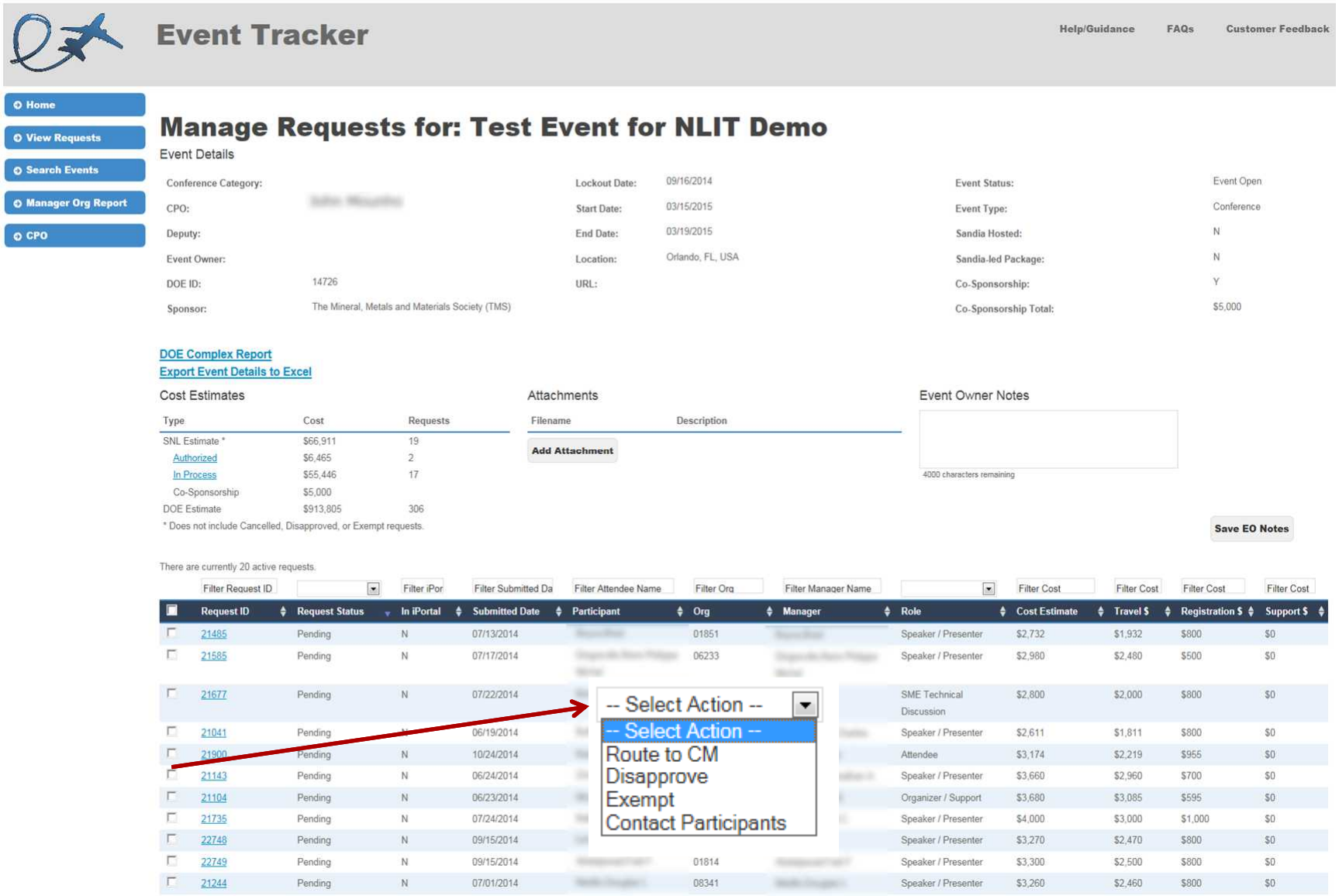

Nightly iPortal Upload to ET (DOE Estimate, Event Title, Lockout Date, etc.)

iPortal Upload

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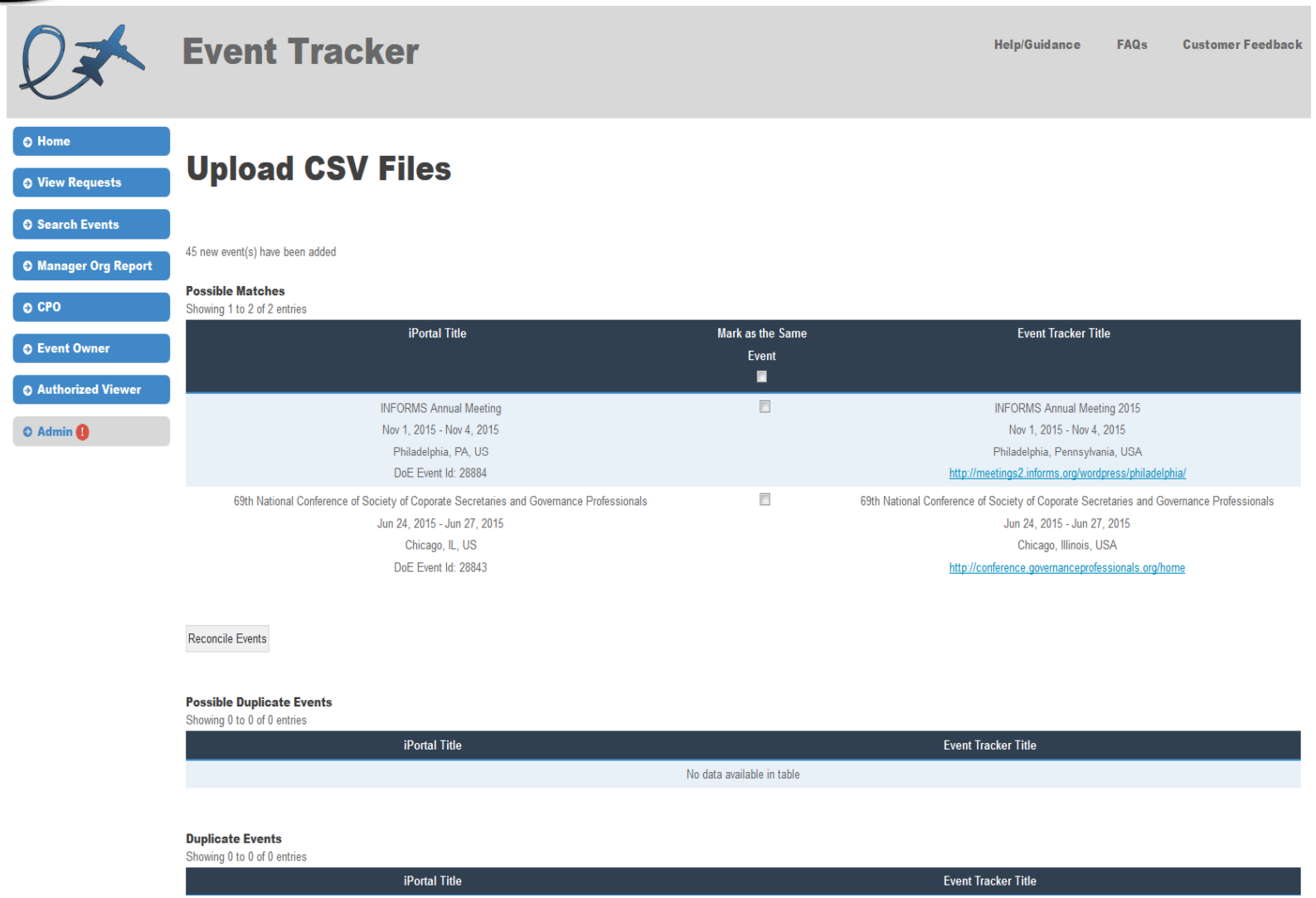

Manager Report

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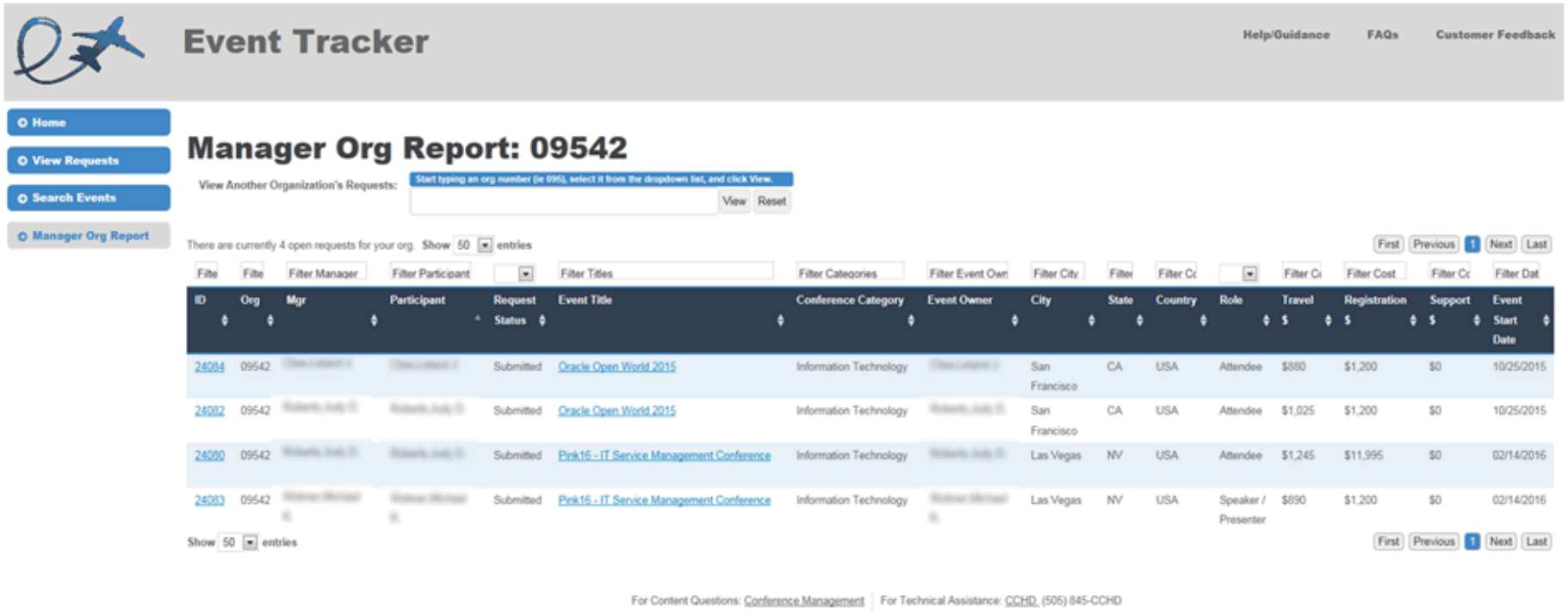

Event Tracker

Help/Guidance FAQs Customer Feedback

- Home
- View Requests
- Search Events
- Manager Org Report

Manager Org Report: 09542

View Another Organization's Requests: Start typing an org number (ie 095), select it from the dropdown list, and click View. View Reset

There are currently 4 open requests for your org. Show 50 entries

First Previous 1 Next Last

ID	Org	Mgr	Participant	Request Status	Event Title	Conference Category	Event Owner	City	State	Country	Role	Travel $	Registration $	Support $	Event Start Date
24084	09542	[redacted]	[redacted]	Submitted	Oracle Open World 2015	Information Technology	[redacted]	San Francisco	CA	USA	Attendee	$880	$1,200	$0	10/25/2015
24082	09542	[redacted]	[redacted]	Submitted	Oracle Open World 2015	Information Technology	[redacted]	San Francisco	CA	USA	Attendee	$1,025	$1,200	$0	10/25/2015
24080	09542	[redacted]	[redacted]	Submitted	Pink16 - IT Service Management Conference	Information Technology	[redacted]	Las Vegas	NV	USA	Attendee	$1,245	$11,995	$0	02/14/2016
24083	09542	[redacted]	[redacted]	Submitted	Pink16 - IT Service Management Conference	Information Technology	[redacted]	Las Vegas	NV	USA	Speaker / Presenter	$890	$1,200	$0	02/14/2016

Show 50 entries

First Previous 1 Next Last

For Content Questions: Conference Management | For Technical Assistance: CCHD (505) 845-CCHD

CM Reporting - Metrics

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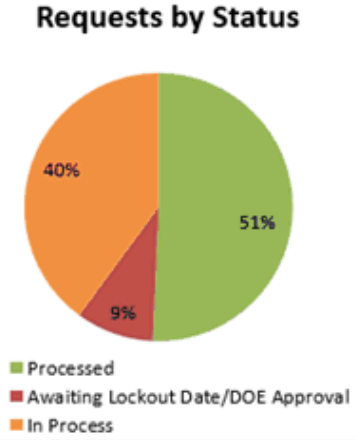
Event Tracker
Metric Charts

Data as of:
3/19/15 12:01 PM

Future Event		Event Calendar Year				Event Calendar Month					
Future	Past	2012	2013	2014	2015	01-Jan	02-Feb	03-Mar	04-Apr	05-May	06-Jun
		2016	2017	2018		07-Jul	08-Aug	09-Sep	10-Oct	11-Nov	12-Dec



Request Status Legend

Processed:
- Approved
- CPO Exempt
- Disapproved
- DOE Exempt

Awaiting Lockout Date/DOE Approval:
- DOE Approval Needed
- DOE Signature Needed

In Process:
- Need More Information
- Pending
- Submitted

CM Reporting – Lockout Date Range

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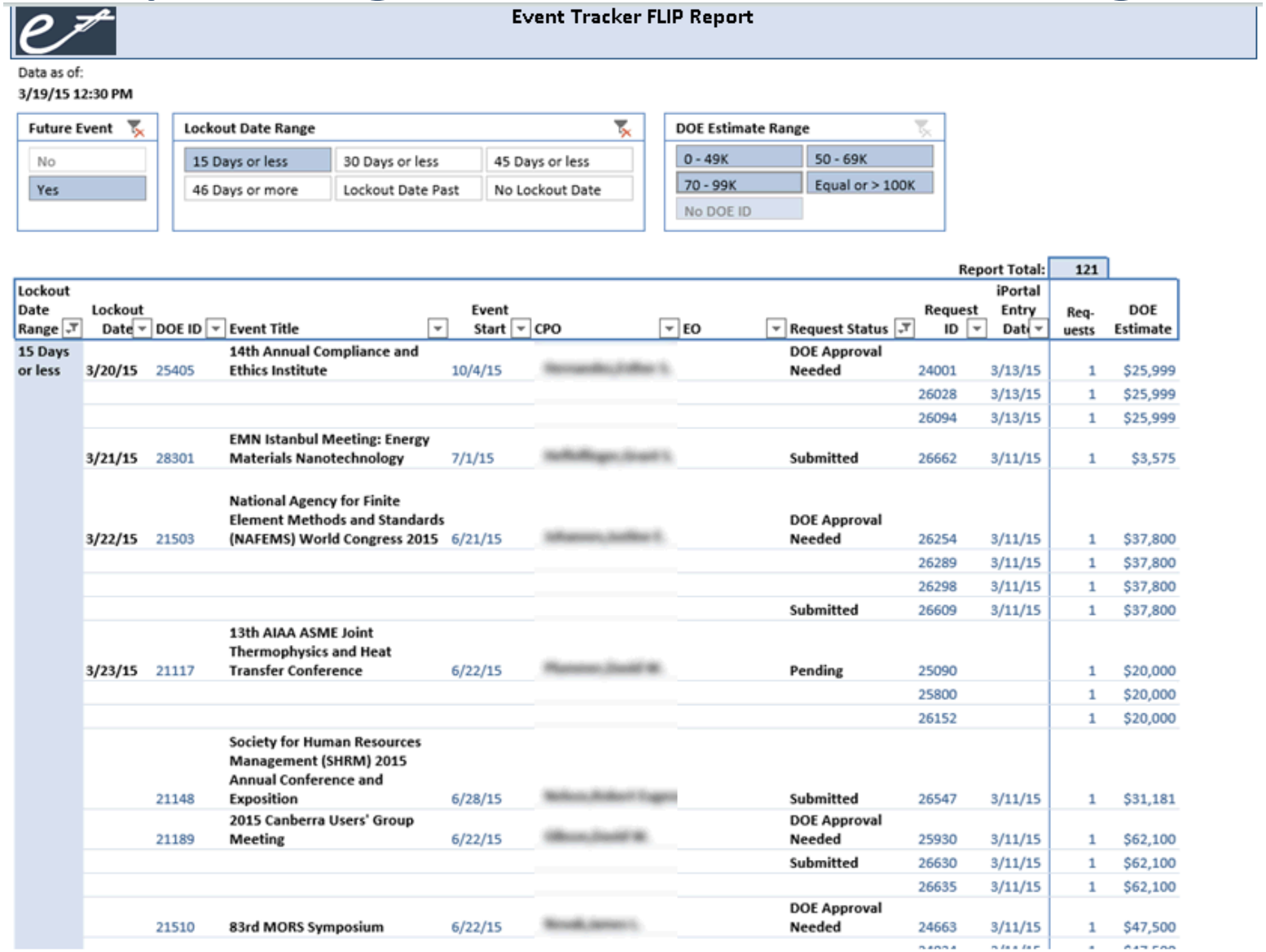

Event Tracker FLIP Report

Data as of:
3/19/15 12:30 PM

Future Event	Lockout Date Range			DOE Estimate Range	
No	15 Days or less	30 Days or less	45 Days or less	0 - 49K	50 - 69K
Yes	46 Days or more	Lockout Date Past	No Lockout Date	70 - 99K	Equal or > 100K
				No DOE ID	

Report Total: 121

Lockout Date Range	Lockout Date	DOE ID	Event Title	Event Start	CPO	EO	Request Status	Request ID	iPortal Entry Date	Req-uests	DOE Estimate
15 Days or less	3/20/15	25405	14th Annual Compliance and Ethics Institute	10/4/15	[redacted]		DOE Approval Needed	24001	3/13/15	1	$25,999
								26028	3/13/15	1	$25,999
								26094	3/13/15	1	$25,999
	3/21/15	28301	EMN Istanbul Meeting: Energy Materials Nanotechnology	7/1/15	[redacted]		Submitted	26662	3/11/15	1	$3,575
	3/22/15	21503	National Agency for Finite Element Methods and Standards (NAFEMS) World Congress 2015	6/21/15	[redacted]		DOE Approval Needed	26254	3/11/15	1	$37,800
								26289	3/11/15	1	$37,800
								26298	3/11/15	1	$37,800
							Submitted	26609	3/11/15	1	$37,800
	3/23/15	21117	13th AIAA ASME Joint Thermophysics and Heat Transfer Conference	6/22/15	[redacted]		Pending	25090		1	$20,000
								25800		1	$20,000
								26152		1	$20,000
		21148	Society for Human Resources Management (SHRM) 2015 Annual Conference and Exposition	6/28/15	[redacted]		Submitted	26547	3/11/15	1	$31,181
		21189	2015 Canberra Users' Group Meeting	6/22/15	[redacted]		DOE Approval Needed	25930	3/11/15	1	$62,100
							Submitted	26630	3/11/15	1	$62,100
								26635	3/11/15	1	$62,100
		21510	83rd MORS Symposium	6/22/15	[redacted]		DOE Approval Needed	24663	3/11/15	1	$47,500

Email Notifications

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Participant Notifications	
1	Request is Submitted
2	Request is Approved
3	Request is Cancelled
4	Request is marked as Exempt by CPO
5	Request is disapproved by CPO
6	CPO/EO Contact Participants – Verify Role
7	CPO/EO Contact Participants – Verify Cost Estimate
8	CPO/EO Contact Participants – Verify Event Request Information
9	CPO/EO Contact Participants – Verify Intent to Attend

CPO Notifications	
1	New Event assigned to CPO
2	CPO transfers Event to another CPO
3	CPO delegates EO
4	EO declines Event Delegation
5	Package Needed - Event with DOE Estimate >$100K and Lockout Date reached
6	DOE has selected Sandia to lead the Package
7	Event Status updated by CM
8	Deputy CPO designated/removed

Other Notifications	
1	Request submitted for an individual in Manager's Org
2	Authorized Viewer Added or Removed by CPO, Deputy CPO or EO

Successful Outcomes

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- CPOs have taken an active role in managing event attendance and partnering with CM
- Improvements for CM team in processing requests, identifying/resolving duplicates, sharing info with CPO community
- Greater clarity for end-users on status of requests and expectation of when they will receive approval
- Usage: Increased count of request submissions by ~ 19%
  - (Feb 2014 - Feb 2015) 7,316 requests to attend 2,581 events
  - (Feb 2013 - Feb 2014) 6,158 requests to attend 2,283 events

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Q&A