



PR20140025 – Environment Build Out: Member Impacting Project Overview

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Version Control

Version	Date	Author	Change Description
V1.R1	03/06/2014	David Koone	Project Activation

Document Purpose

This template should be used to provide initial and ongoing communication of member impacting projects to the CWG and membership.

The Project Manager should provide the MIPO with an initial review period. The CWG Representative should review the MIPO and provide feedback and response, including request for a MIPO review meeting, during the comment period.

All MIPO updates will be red-lined, and that version will be saved as MIPO_<PR#_NAME_V#.R#> where V# is the version number associated with the touch point, and R# is the release within that touch point. The latest version will have accepted redline from the previous version, and any new changes redlined. The CWG and/or project liaison will be notified of any MIPO change.

Executive Summary

The objective of the project is to procure and deliver the hardware necessary for the implementation and testing of Project Pinnacle changes through the creation of three test environments as follows:

- DEV/TEST2
- ITE2 (Integrated Test Environment 2)
- MTE (Member Test Environment)

The Project Pinnacle environments will consist of the necessary IM applications in the current environments and will be predominantly constructed using virtual machines. MTE will have the same functions that members have access to in ITE and PROD.

Business Impact

Users Impacted

- Members will use the MTE environment for all member testing of Project Pinnacle changes.

Business Functions Impacted

- Business functions impacted are documented in the MIPOs for each of the Pinnacle projects.

Technical Impact

SPP Systems/Processes Impacted

- The following components and systems will be available to support and define the scope of MTE
 - Certificates
 - Marketplace Portal
 - Marketplace Portal LSA page
 - Marketplace Portal – Public Data pages
 - Day-Ahead / Real-Time Markets
 - Markets UI embedded link in Marketplace Portal
 - Markets Web Service/UI/Notification applications
 - TCR (i-HEDGE) System
 - TCR UI embedded link in Marketplace Portal
 - TCR UI/API applications
 - Settlements
 - Settlements Web Service/UI/Notification applications

Anticipated Member Systems/Processes Impacted

- Members will need to use the new MTE Marketplace Portal URLs, and will need to point their webservice URLs to the new MTE and perform XML Notification Listener Setup for MTE. Connectivity specs will be provided.
- Project Pinnacle will support the following browser versions
 - Internet Explorer 10 and higher*
 - Google Chrome 25 and higher*
 - Mozilla Firefox 20 and higher*

- SPP baseline versions were ‘snapped’ Nov 2013 along with technology stack definition update
- Backward compatibility between browser versions (for example, IE11 with IE10, Chrome 31 with Chrome 25) is typically assumed but not guaranteed

Member Requirements

See Technical Impacts section for browser expectations.

Market Participants will need to complete connectivity testing according to the MTE2 Connectivity Test Approach as part of this effort.

Testing

The Project Pinnacle Program will plan, schedule and coordinate member testing.

As stated above, Market Participants will be required to complete connectivity testing as part of this effort. All Market Participants must complete the MTE Connectivity Testing by 10/3/2014. The SPP Customer Relations department and IT will coordinate with Market Participants to prepare and execute this testing. Timelines are provided in the Summary of Timeline table below. A Connectivity Test Approach will be posted to the [Integrated Marketplace Phase 2-Environment Build-Out Project Folder](#) on SPP.org. Please review the [MTE Connectivity Test Preparation Overview](#) presentation.

ID	MTE Connectivity Test	Start	Finish	Duration	Jun 2014		Jul 2014				Aug 2014				Sep 2014			Oct 2014					
					6/1	6/8	6/15	6/22	6/29	7/6	7/13	7/20	7/27	8/3	8/10	8/17	8/24	8/31	9/7	9/14	9/21	9/28	10/5
1	Phase II MTE Connectivity Test Preparation	6/13/2014	8/26/2014	53d																			
2	Publish MTE Connectivity Test Approach Document for CWG Review	6/13/2014	6/13/2014	0d	◆																		
3	Publish MTE Connectivity Test Participant Checklist for CWG Review	6/13/2014	6/13/2014	0d	◆																		
4	Configure RMS Quick Pick Items for MTE Connectivity Testing	6/13/2014	6/13/2014	0d	◆																		
5	Finalize Environment Build Out Liaisons / Contacts	7/18/2014	7/18/2014	0d	◆																		
6	Schedule Weekly MTE Communication Meetings with Liaisons	7/25/2014	7/25/2014	0d	◆																		
7	Publish MTE Technical Connectivity Details	7/25/2014	7/25/2014	0d	◆																		
8	Participants Configure URL/API/Network Access to MTE	7/28/2014	8/8/2014	10d																			
9	Configure Participant Users / Roles in MTE (copy from ITE)	8/1/2014	8/1/2014	0d	◆																		
10	Participant LSAs Validate Users / Roles in MTE	8/4/2014	8/8/2014	5d																			
11	Participants Register XML Listeners with SPP Systems	8/4/2014	8/15/2014	10d																			
12	Publish Final MTE Connectivity Checklists via RMS	8/8/2014	8/8/2014	0d	◆																		
13	Participants Review and Confirm Checklist on RMS	8/11/2014	8/26/2014	12d																			
14	RMS Tickets for Participant Checklist Review Auto-Close	8/26/2014	8/26/2014	0d	◆																		
15	MTE Connectivity Test Execution	9/2/2014	10/3/2014	24d																			
16	Participants MTE Connectivity Test Execution Window	9/2/2014	10/3/2014	24d																			
17	MTE Connectivity Test Readiness Report (Sept CWG)	9/24/2014	9/24/2014	0d	◆																		
18	All Participant Connectivity Checklists Due via RMS	10/3/2014	10/3/2014	0d	◆																		
19	MTE Connectivity Test Window Closes	10/3/2014	10/3/2014	0d	◆																		

Training

Training will not be required for the Environment Build Out project.

Implementation and Back-out Plan

- 1) SPP is maintaining internal implementation plans for the Environment Build Out in order to meet the program testing dates. Members will gain access to MTE according to the timeline below.
- 2) SPP will copy all Participant users roles from ITE to MTE by August 1 to efficiently mobilize use of the MTE environment. Local Security Administrators must configure user roles via the ITE Marketplace Portal prior to July 25 in order to have those copied over to MTE. Any Participant user role configuration performed after August 1 will require configuration in both ITE and MTE. (The LSA User Guide, Application and Roles Guide, and Job Aid, are available on the SPP Marketplace Portal.)
- 3) A Back-out Plan will not be necessary for this project.

Notes: Participants should be ready to integrate with both SPP ITE and MTE systems independently through the implementation of Phase II projects (March 2015).

Summary of Timeline

The Environment Build Out Project timelines are provided below. If changes to the timeline are necessary, SPP will communicate the changes to Market Participants through updates to this document and CWG/liason notification. Project Pinnacle project specific testing, beyond the scope of the Environment Build Out project (e.g. Regulation Compensation testing) will be coordinated through the individual projects. Individual project testing schedules are noted in their respective project MIPOs.

Date	Responsible Party	Action
06/13/2014	SPP	Publish MTE Connectivity Test Approach
07/25/2014	SPP	Publish MTE Technical Connectivity Specifications
08/01/2014	SPP/Member	Weekly Testing Meetings Begin 8/1 through 10/3
08/08/2014	Member	Review MTE Connectivity Checklist and submit questions to RMS(08/08 – 08/26) RMS tickets will auto close on 8/26.
08/08/2014	Member	-Participant URL/API/Network Configurations Updated for MTE -Participant User Role Configuration Finalized
08/15/2014	Member	Register MTE XML Listener URL(s) for Markets and Settlements
08/26/2014	Member	Deadline for questions in response to published checklist. <i>Participants should submit questions 8/8 – 8/26.</i>
09/02/2014	SPP/Member	MTE Connectivity Test Execution
10/03/2014	SPP/Member	MTE Connectivity Test closes
10/03/2014	Member	Deadline to upload Completed MTE connectivity Checklists to RMS
10/03/2014	Project Team	Environment Build Out project close

Project Assumptions

- 1) See Technical Impacts section for internet browser expectations.

- 2) MTE will be the environment where Market Participants will test Pinnacle changes.
- 3) See Timeline.

Risks

- 1) Members not following browser requirements will potentially have issues during testing and when Project Pinnacle moves to Production.

Additional Documentation

- 1) [MTE Connectivity Test Approach](#)
- 2) [MTE Connectivity Test Checklist](#)
- 3) [MTE Connectivity Specifications](#)

Communication Plan

Liaisons

A Market Participant Liaison must be identified to serve as a point of contact for the Member organization responsible for performing the following functions.

One liaison from each registered Market Participant needs to be identified no later than July 18, 2014.

- Review Testing documentation and provide feedback
- Assess milestones and deliverables for feasibility
- Serve as the main point of contact between SPP and Member organization
- Provide Network connectivity testing resource
- Review project status and provide your organization's status
- Coordinate Member connectivity testing efforts
- Represents the member's interest on the Testing team
- Attend Readiness/Connectivity Member Testing Meetings
 - SPP Testing Team will schedule directly via Outlook with the registered liaisons
 - Agenda will be published in advance
 - Minutes will not be required after the meeting
 - Action items identified will be documented internally on the project internal site
 - As necessary, action item updates will be communicated back to the liaisons via e-mail or subsequent meeting
- MPs work with SPP to provide test data for SPP's testing as needed
- Liaison representatives will assist SPP in education of other CWG or MWG members who might need to better understand the project status or direction, outside of the formal work group sessions

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change Working Group Project Documentation folder. [Integrated Marketplace Phase 2-Environment Build Out](#). This MIPO will be updated upon change or with any new information, and according to the Member Project Touch Points and Deliverables. With any update, a redline version is posted to the project documentation folder, and the CWG is notified.

Next Steps

Action	Assignee	Status & Due Date
Post Project MIPO and send notification for review	CWG Staff Secretary	6/9/2014
Request Project Liaisons	SPP Customer Relations and Project Manager	5/16/2014
Response due	Project liaison	7/18/2014
MIPO Review Meeting/Project Information Session	Project Team/Liaison	Schedule as needed

FAQs

These FAQs are added to the RMS Knowledge Base. Frequently asked questions will be added to the document as identified or necessary, as well as adding to the RMS Knowledge Base, located here: https://spprms.issuetrak.com/Kb_ListByCategory.asp

More Information

At any time, Members can ask questions or get more information by completing an RMS ticket using this project's quick pick option. RMS link: <https://spprms.issuetrak.com/login.asp> .
 If a new user ID is needed for RMS, click on that link and follow the directions for "Register Now".

Submit Request

Quick Pick: Project: Environment Build-Out

Submit Date: 06/04/2014 mmm/dd/yyyy
Time: 9 : 15 AM

Request Status: Open add

* Request Type: Phase II add

* Severity: Phase II (5 days) add | descriptions

Caller: add | details | history

Organization: add | details | history

* Subject:

* Full Description:

Include Attachment(s) (upload screen will display on submit)