





# PJM Roadmap for Tools Security

As of September 23, 2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>System ID / UI Restriction</b>							Train: July 12 			Prod: mid-October 		
<b>Legacy Tool (SSO)</b> <ul style="list-style-type: none"> <li>eCredit</li> <li>eRPM</li> <li>MSRS</li> <li>OASIS</li> </ul>		Train: February 9 							Prod: eCredit September 26-30 	Prod: eRPM October 3-7 		
<b>Tools Switchover to Milford Datacenter</b> (Markets Gateway, ExSchedule, Emergency Procedures, PCLLRW, Account Manager)										Prod: October 4 		

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Geo-Location Security</b>									Train: September 24-28 	Prod: mid-October 		
<b>Multi-Factor Authentication</b> (Account Manager > CAM's)											Train: Late November 	Prod: Late December 
<b>Active Tool Sessions – Max 25 sessions</b>											Prod: November 21 	

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Multi-Factor Authentication</b> (Tools > Users)			Train: End of March 	Prod: mid-April 								



# Upcoming Changes - Access Control

Access Control Feature	Sandbox/Training Availability	Preliminary Production Availability
Account Manager – Single User Multi Account (SUMA)	August 30, 2016	September 8, 2016
Tools – Single User Multi Account (SUMA)	Q2 2017	Q3 2017

**Overview:**

Single-Sign-On capability assigned to a registered Company Account Manager (CAM) that combines all accounts under one primary account to perform account management for their user base across all sub-accounts for which they manage.

**Customer Impact:**

(2016) CAM's must submit Designation Form B/B1. PJM CAM's manage setup and SUMA account management.

**Contact:**

[AccountManager@pjm.com](mailto:AccountManager@pjm.com) for setup and additional information



# Upcoming Changes - Access Control

Access Control Feature	Sandbox/Training Availability	Preliminary Production Availability
System ID / UI Restriction	July 12, 2016	October 2016

## **Overview:**

In an effort to enhance security on the authentication methods used to access PJM tools, registered System ID accounts will no longer be permitted to access the user interface of PJM tools with the exception of PJM Tools homepage and the 'User Profile' section in Account Manager.

System ID accounts will be utilized for browserless activity only.

## **Customer Impact:**

System ID accounts will no longer have the ability to access PJM refreshed tools UI. If access to UI is required, a new user account will need to be created.

Access Control Feature	Sandbox/Training Availability	Preliminary Production Availability
SSO Migration for Legacy Tools (eCredit, eRPM, MSRS, OASIS)	February 9, 2016	October 2016

**Overview:**

In an effort to enhance security on the authentication methods used to access PJM tools, legacy tools will be secured with the latest SSO solution.

**Customer Impact:**

No impact. No changes to browserless authentication

Access Control Feature	Sandbox/Training Availability	Preliminary Production Availability
Geo-Location Security	September 2016	October 2016

## **Overview:**

In an effort to enhance security on the authentication methods used to access PJM tools, the Geo-Location security feature will notify users via email when logging in from outside U.S. and Canada. The email notification will instruct the user to change their account password or terminate the account if login was not performed by the user.

## **Customer Impact:**

No impact. Users should ensure the email address on their account profile is accurate.





# Upcoming Changes - Access Control

Access Control Feature	Sandbox/Training Availability	Preliminary Production Availability
Account Manager – (MFA) Multi Factor Authentication	November 2016	December 2016
Opt-In for Users/Tools – (MFA) Multi Factor Authentication	Q1 2017	Q2 2017

## **Overview:**

In an effort to enhance security on the authentication methods used to access PJM tools, a soft token will be received by CAM's upon login to the Account Manager tool with user credentials. The soft token must be entered in order to gain access to the tool. In 2017, this will be expanded and made optional to all user accounts and tools.

## **Customer Impact:**

(2016) CAM's must supply valid login credentials and soft token to gain access to the Account Manager tool. CAM's should ensure the email address on their account profile is accurate. (2017) Expanded to all users/tools.