Tools Security Roadmap

As of May 22, 2018
Single Sign On Upgrade
Upgrade of Single Sign On (SSO) backend for PJM Tools
  – Does not include eDART, eGADS

Impact
  – Login URL/Link Change
    • /das changed to /access
  – Change to length of authentication token

<table>
<thead>
<tr>
<th>Area</th>
<th>Impact</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>UI</td>
<td>The sso login url/link</td>
<td>Change any bookmarks that have the old link</td>
</tr>
<tr>
<td>Browserless</td>
<td>Token length is shortened from 106 to 94 characters</td>
<td>Any code that depends on knowing the length of the token will need to change</td>
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</tbody>
</table>
Key Points

- Execution in phases
- No impacts to browser based usage
- Potential impact to browserless usage
- Actions to take
  - Update bookmarks as needed
  - Update browserless code as needed
Phases

Phase 1
- Bulletin Board
- Gas Pipeline

Phase 2
- Emergency Procedures
- Data Miner (v1 legacy)
- Billing Line Item Transfer

Phase 3
- DR Hub
- Planning Center
  - Queue Point
  - Gen Model
- Resource Tracker
- FTR Center
- InSchedule
- Power Meter
- Messages
- Etools

Phase 4
- Account Manager
- ExSchedule
- PCLLRW
- Markets Gateway
- Data Viewer
- eCredit
- eRPM
- OASIS
- Voting
- MSRS
## 2018 Roadmap for Tools Security

<table>
<thead>
<tr>
<th></th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Sign-on Upgrade</td>
<td><img src="image" alt="Phase 4: May 24" /></td>
<td><img src="image" alt="Train Upgrade: mid-July" /></td>
<td><img src="image" alt="Prod Upgrade: late August" /></td>
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</tbody>
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- **Single Sign-on Upgrade**:
  - **Phase 4**: May 24
  - **Train Upgrade**: mid-July
  - **Prod Upgrade**: late August
• Accountmanager
  – From: 
  – To:
URL change details

- Exschedule
  - From: 
  - To: 
URL change details

- **PCLLRW**
  - From:
    
    ```
    mpcllrw/pages/secure&goto=https%3A%2F%2Fpjmpcllrw.pjm.com%3A443%2Fpj
    mpcllrw%2Fpages%2Fsecure
    ```
  - To:
    
    ```
    https://sso.pjm.com/access/UI/Login?goto=https%3A%2F%2Fpjmpcl
    lrw.pjm.com%3A443%2Fpjmpcllrw%2Fpages%2Fsecure
    ```
• Marketsgateway
• Dataviewer
  – From:
  – To:
URL change details

- **MSRS**
  - From:
    ```
    ```
  - To:
    ```
    ```
URL change details

- **eCredit**
  
  - From: 
    
  
  - To: 
    
URL change details

• Voting
  – From:
    
  
  – To:
    