

# Security Initiatives Overview

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Security

PJM's priority is to protect the accounts, data and information entrusted by our members

Critical infrastructure is a higher profile target

- Nation states are increasing their attacks.
- Password spraying has become an effective tool to compromise user accounts.

PJM recognizes member feedback must be incorporated into security approaches

## Improve Security Posture

- Geo-IP blocking
- Two-step verification

## Improve Tool Usability

- Single User Multi Account
- New User Workflow

# Geo-IP Blocking

**PJM has begun implementing Geo-IP blocking with:**

- High risk countries
- Limited access to internet SCADA

# Two-Step Verification

# What Does Two-Step Verification Provide?

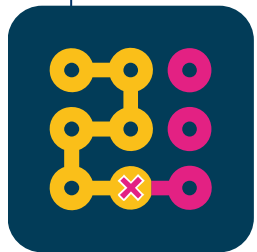


Provides an extra layer of security to PJM's single sign-on tools



Uses a password and additional information – a token

- Used by banks, government sites and some email providers



Prevents a breach even if a password is successfully compromised



Already in use with PJM's Account Manager application

## Training

- August 15

## Production (PJM stakeholders)

- October 10



# Tech Change Forum

## Tech Notify