Security Initiatives Overview

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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.
2018 Security Initiatives

Improve Security Posture

- Geo-IP blocking
- Two-step verification

Improve Tool Usability

- Single User Multi Account
- New User Workflow
Geo-IP Blocking
What Has PJM Done to Date?

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
When Will Two-Step Verification Begin?

Training

• August 15

Production (PJM stakeholders)

• October 10
Tech Change Forum

Tech Notify