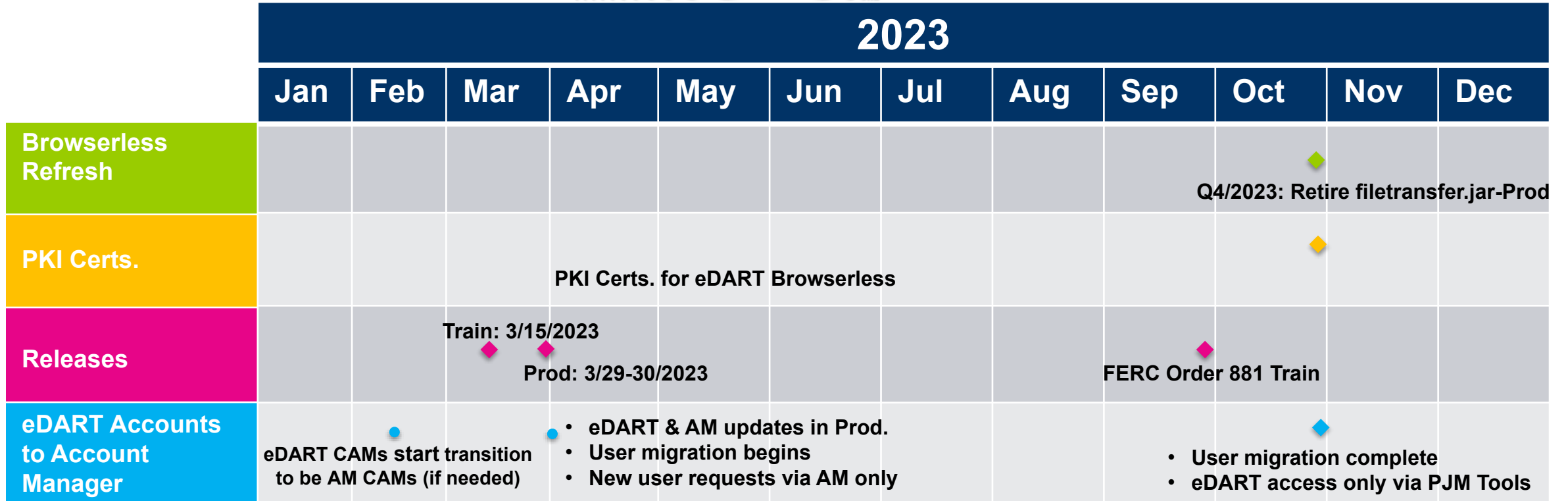# eDART Roadmap

As of March 13, 2023

- Impact Details

- Roadmap

- Releases

- eDART User Account Migration to Account Manager (AM)

Action Required	Deadline	Who May Be Affected
Q1/2023 Release	**Train: 3/15/2023, 1PM-3PM** **Prod: 3/29-30/2023, 6:30PM – 3AM**	eDART Users
eDART User Account Migration to Account Manager	**Q2-Q4/2023**	CAMs, eDART Users
Public Key Infrastructure (PKI) for eDART	**Q2-Q4/2023**	eDART Browserless Users
Retirement of filetransfer.jar, legacy URLs	**Q4/2023**	eDART Browserless Users
Contact eDARThelp@pjm.com for eDART Web UI and Browserless Refresh suggestions and feedback	**Ongoing**	eDART Users

	2023											
	Jan	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
Browserless Refresh										◆ Q4/2023: Retire filetransfer.jar-Prod		
PKI Certs.			PKI Certs. for eDART Browserless							◆		
Releases			Train: 3/15/2023 ◆	◆ Prod: 3/29-30/2023					◆ FERC Order 881 Train			
eDART Accounts to Account Manager	eDART CAMs start transition to be AM CAMs (if needed)	●		● • eDART & AM updates in Prod. • User migration begins • New user requests via AM only						● • User migration complete • eDART access only via PJM Tools		

Legend
- ● Start Date
- ◆ End Date

Retirement of eDART Browserless in Production

- filetransfer.jar was replaced with PJM CLI

- Retirement date ETA Q4/2023

- eDART team available to help as needed

- See [Browserless User Guide](#) for more information

Enhancements (Train: 3/15/2023, Prod: 3/29-30/2023)

- Browserless interface for Nuclear Voltage Tool
- Bulk notification for Transmission Tickets
- Enhancements to Reactive Testing Unit Report
- RRC Color Legend and Logic Update
- Tag removal from TERM Ticket Downloads (<dynamic_flag>)
- Tag removal from Transmission Ticket Downloads (<equipment_default> and <defaultStatusChangeOnly>)

- See presentations from 3/6/2023 eDART XML Forum and eDART Forum for details

Future Releases

- Enhancements to TERM application in response to FERC Order 881 (Q3)
- Company Distributed Workflow (CDW) for Browserless Interface (with account migration)
- User Requests in eDART for CAMs (with account migration)

With eDART refresh, eDART user accounts will be migrated to Account Manager. See Migration to Account Manager FAQ and presentation from 2/22/2023 Special eDART Forum – Account Migration.

- Timeline is tentative
- Communication will be sent out for each milestone
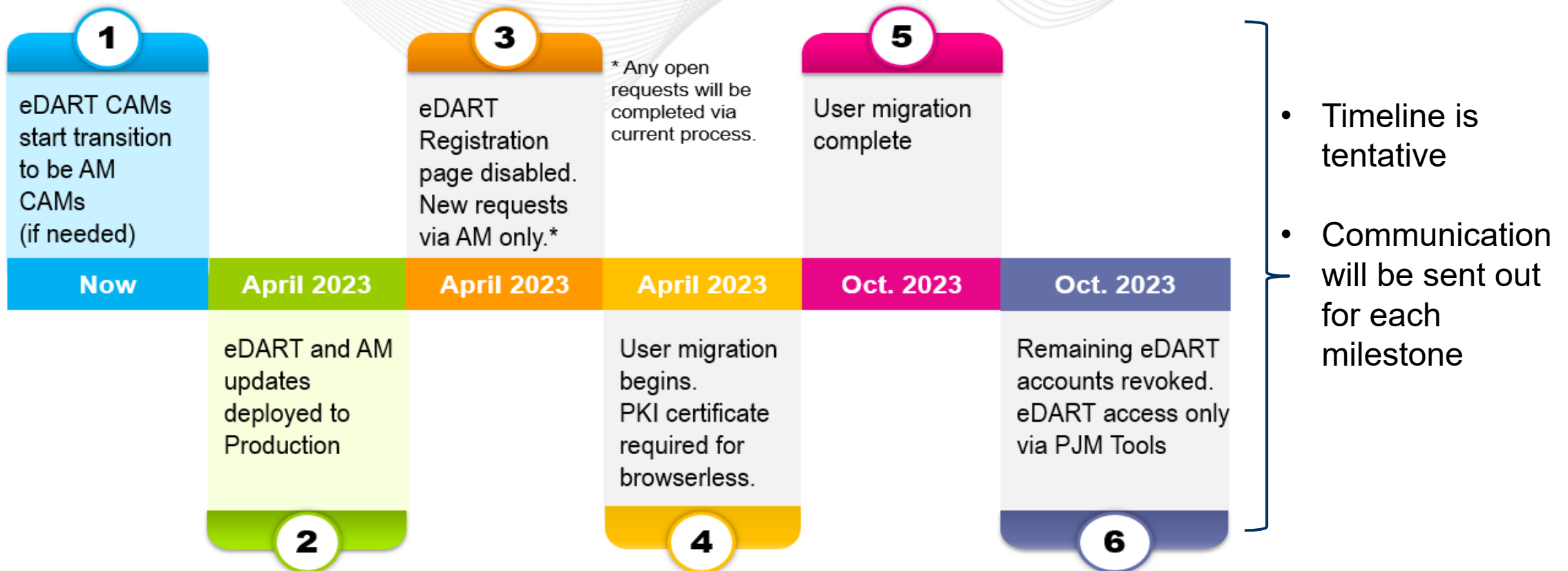
Migrated users:

- can only log into eDART via PJM Tools

- can use Single Sign-On to log into eDART

- will require PKI certificate for browserless interaction with eDART (if the user/system account does not already have one)

- should contact their company CAMs for password resets and unlocking accounts

At the end of the user migration period, accounts that remain in eDART will be revoked.

- eDART is a suite of tools and as such has a security configuration that is not compatible with SUMA.

- After extensive consideration and technical evaluation, eDART will not be SUMA enabled similar to other tools like Data Miner 2, Data Viewer, Emergency Procedures and TO Connection.

- Consider CDW Member-Agent for eDART for SUMA-like experience

  – See [presentation](#) on eDART page on pjm.com for overview of CDW Member Agent functionality

  – Contact eDARTHelp@pjm.com to request CDW demo

With the eDART migration to Account Manager, PKI certificates will be required for all browserless communications.

- Timeline: Q2 – Q4/2023

- Actions Required:

  – Obtain valid PKI certificates from approved Certificate Authorities

  – Rewrite Browserless/API authentication code OR use PJM-provided CLI

  – Make sure 2-Way SSL Connections, Client Certificates, & Connection Renegotiation are enabled at Firewall & Security devices for outgoing PJM SSO traffic

- For more information, see the following in the [PJM Security](#) home page:

  – PKI Certificates and PKI/Two Factor Browserless/API [FAQs](#) (PDF)

  – PKI Authentication [Guide](#) (PDF)

  – Exporting Public Keys [Guide](#) (PDF)

Specifically, for eDART:

- PKI is required if accessing eDART via PJM-CLI (browserless)
- PKI is not required if accessing eDART via UI
- PKI is not tool specific therefore certificates already set up for use of other PJM Tools can be applied for eDART browserless usage

Consider CDW to potentially reduce number of PKI Certificates

Revisions to the *pro forma* Open Access Transmission Tariff (OATT) and the Commission's regulations under the Federal Power Act to improve accuracy and transparency of electric transmission line ratings.

- Impacts eDART TERM Application

- eDART Project Begins January 2023

- Compliance due July 2025

- See presentation from 10/07/2022 Operating Committee (OC) Meeting

2023 Deliverables:

- Functionality to submit and view ratings lookup tables

- Functionality to manage AAR exceptions and TO Methodology

- AAR Seasonal rating functionality

- Ability to pull ratings for the Operations Time Horizon for all eDART users

- Enhancements available in Train only

  – CLI to support current and new functionality

  – UI updated to reflect new functionality

Future eDART Forum on topic to discuss enhancements in detail

Forum page: https://pjm.com/committees-and-groups/forums/edart-forum

- eDART XML Forum – 6/14/2023
- eDART Forum – 6/14/2023

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eDART Roadmap

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Product Details

eDART (electronic Dispatcher Application and Reporting Tool) is a suite of electronic applications used to facilitate dispatcher-to-dispatcher communications, along with other engineering communication and coordination functions.