eDART Roadmap

As of July 28, 2023

- Impact Details

- Roadmap

- Releases

- eDART Account Migration to Account Manager (AM)

- FERC Order 881

|	Deadline	Who May Be Affected
eDART Account Migration to Account Manager	7/25/2023 – 12/13/2023	CAMs, eDART Users
Public Key Infrastructure (PKI) for eDART Browserless	Effective 7/25/2023	eDART Browserless Users
Retirement of filetransfer.jar, legacy URLs	Q4/2023	eDART Browserless Users
FERC Order 881 Enhancements	Q1/2023-2025	eDART 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

eDART Accounts to Account Manager
eDART Account Migration

PKI Certificates for eDART Browserless
PKI Certificates required for Browserless Usage

FERC Order 881 Enhancements
FERC Order 881 Release: Train
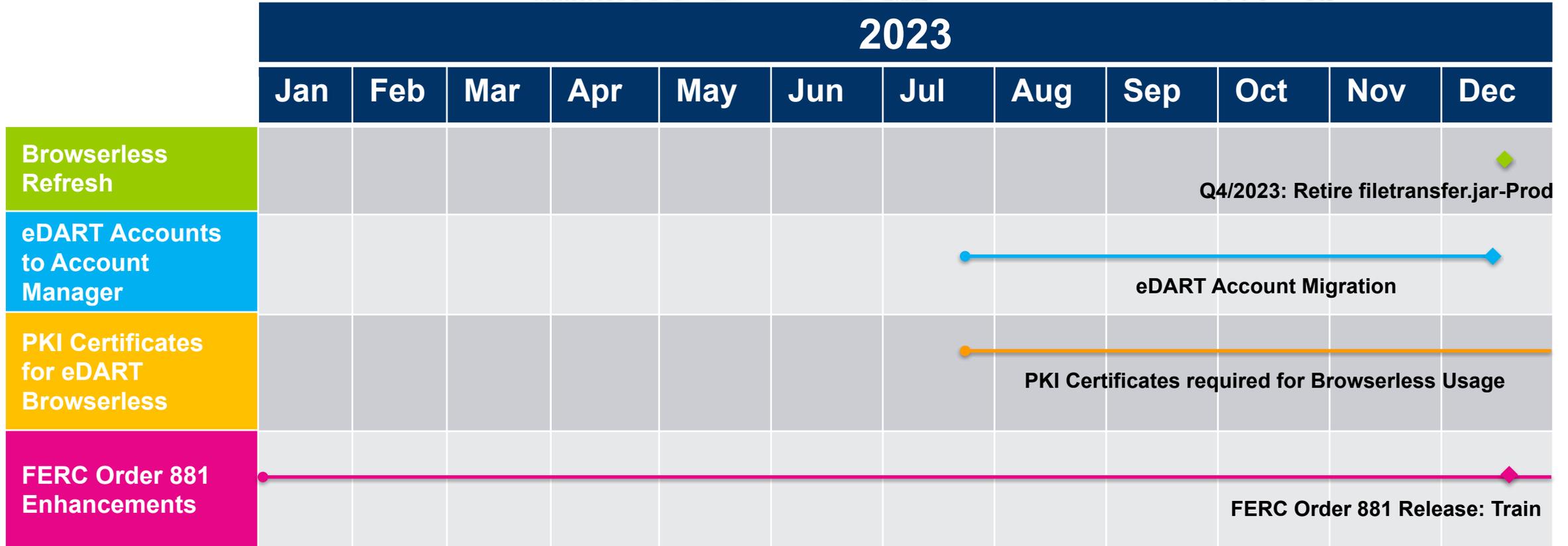
Legend
● Start Date
◆ End Date

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

NOTE: New PJM CLI jar file available for use with Single Sign-On (SSO)

- Version 1.5.5: https://www.pjm.com/markets-and-operations/etools/system-requirements

- Additional details available in [presentation](#) from 6/14/2023 eDART XML Forum

Recent Releases (Train-7/19/2023; Prod 7/24/2023)

- Account Migration Enhancements
  - Company Distributed Workflow (CDW) for Browserless Interface
  - User Requests in eDART for CAMs
  - eDART accounts clean-up to prevent duplicates:
    - '_old' added to the duplicate usernames that are revoked or not recently used
    - Accounts that have not been used since 2014 revoked
  - See eDART Release Notes for additional detail

Future Release (Train-Q4/2023)

- Enhancements to TERM application in response to FERC Order 881 (Q4/2023-2025)

As part of eDART refresh, eDART accounts are migrating to Account Manager (currently underway). See [Migration to Account Manager FAQ](#) and [presentation](#) from 6/23/2023 Special eDART Forum – Account Migration.

New!! eDART Migration to Account Manager Guide available [here](#)
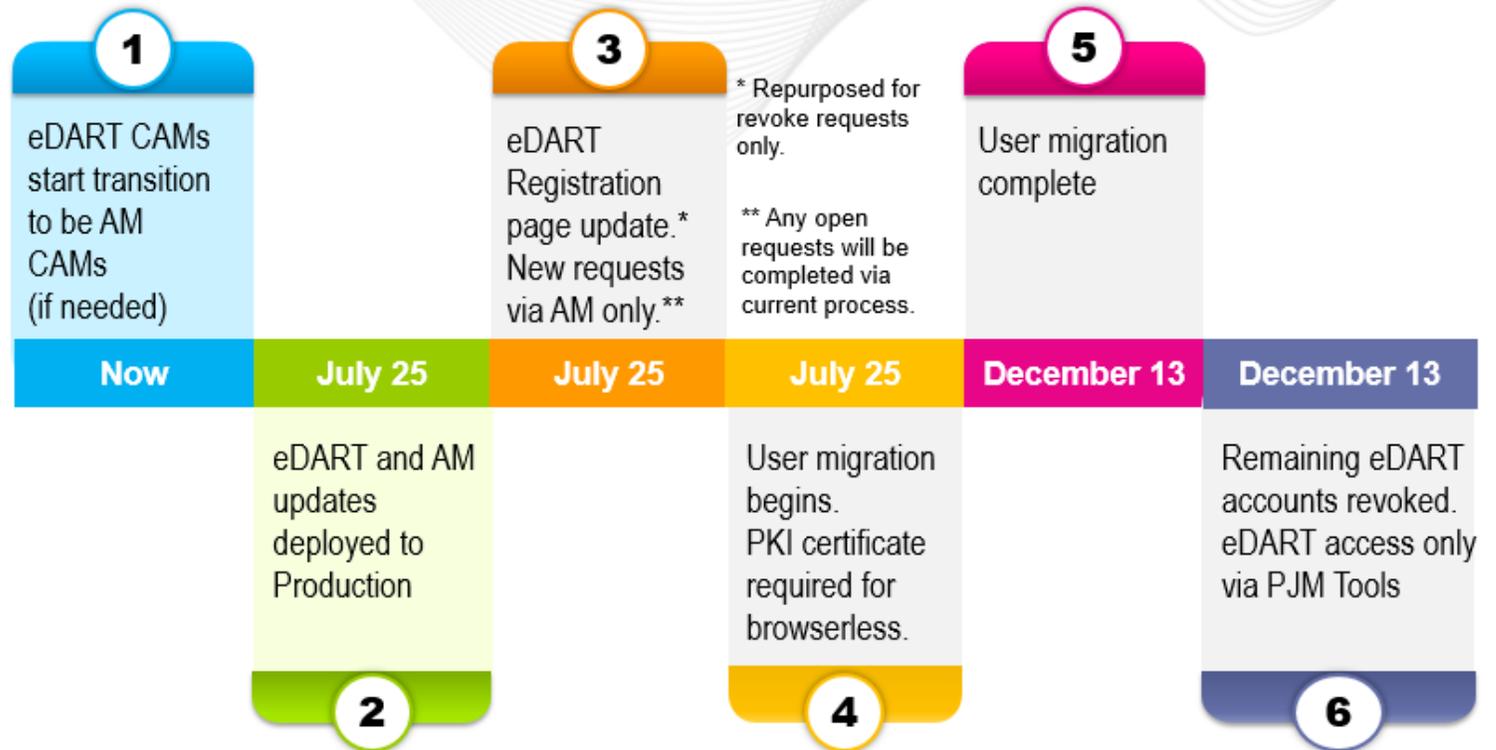
Communication will be sent out for each milestone.

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

- Consider eDART CDW for SUMA-like experience

  – See Unit-Task or Member-Agent presentations for overview of functionality

  – Contact eDARTHelp@pjm.com to request CDW demo

With the eDART account migration to Account Manager, PKI certificates are required for all browserless communications

- Effective 7/25/2023
- 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 <u>not</u> 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 underway
- Compliance due July 2025

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

See [presentation](#) from 5/8/2023 Special eDART Forum – FERC Order 881

High Level Timeline: eDART Order 881 Enhancements

Enable Ratings Reports
from eDART Train

2023	2024				2025		
Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3

Compliance
Due: July
2025

Enable TO Inputs to eDART
Train (UI), XML Input

eDART Prod
Release
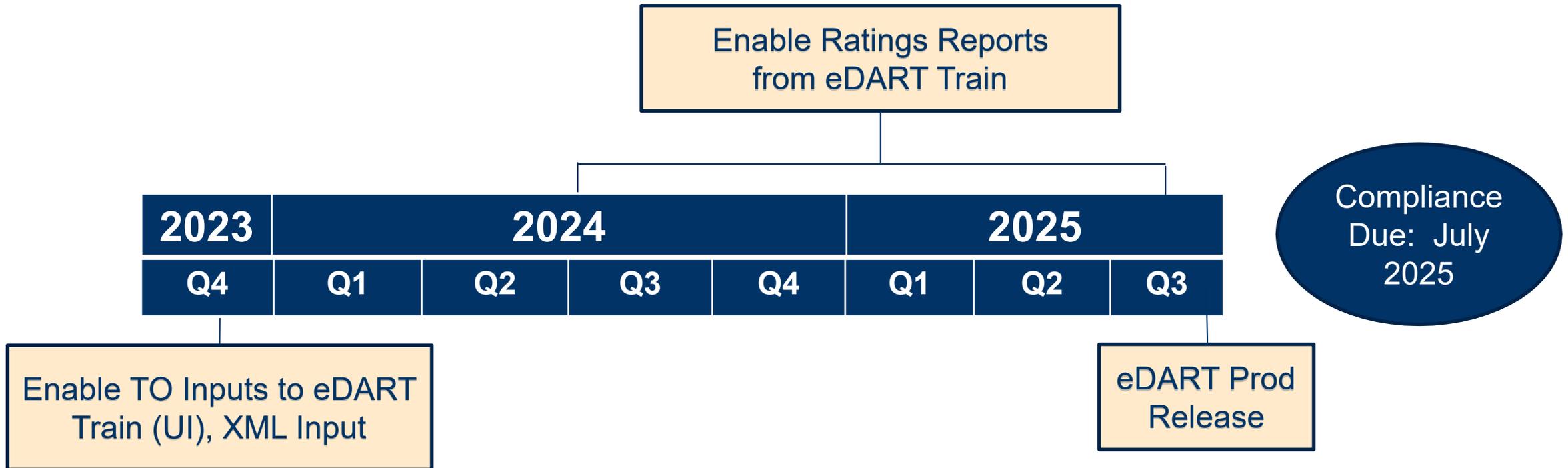
eDART Forum

- eDART XML Forum – 9/14/2023
- eDART Forum – 9/14/2023

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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.