

Energiforsk Webinar on M&D Centers

EPRI M&D Program Best Practices

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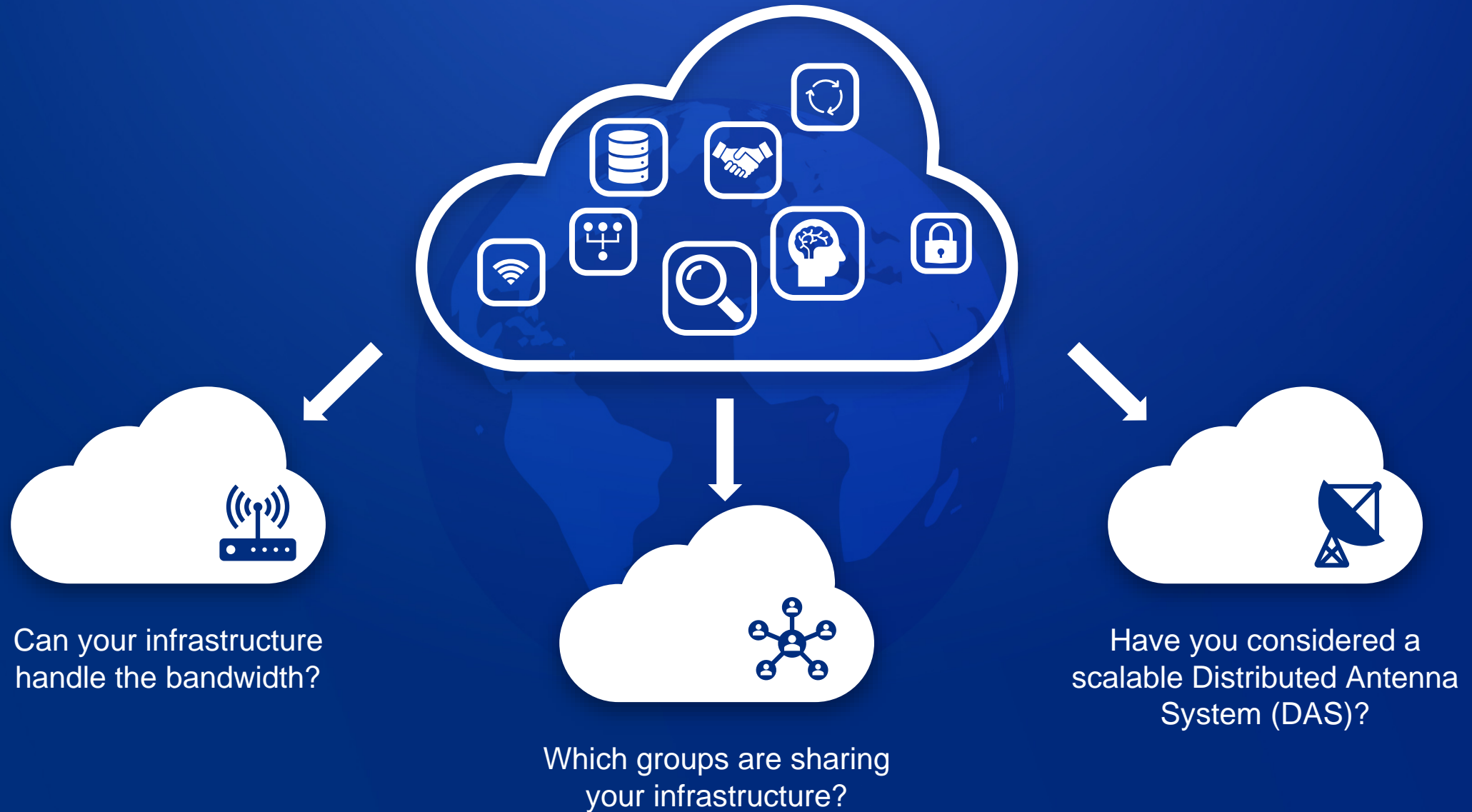
EPRI's M&D Program Best Practices



Sensors



Infrastructure



Data Repository



Cyber Security



Data Analytics





Decision-Making Process



Workflow





Business



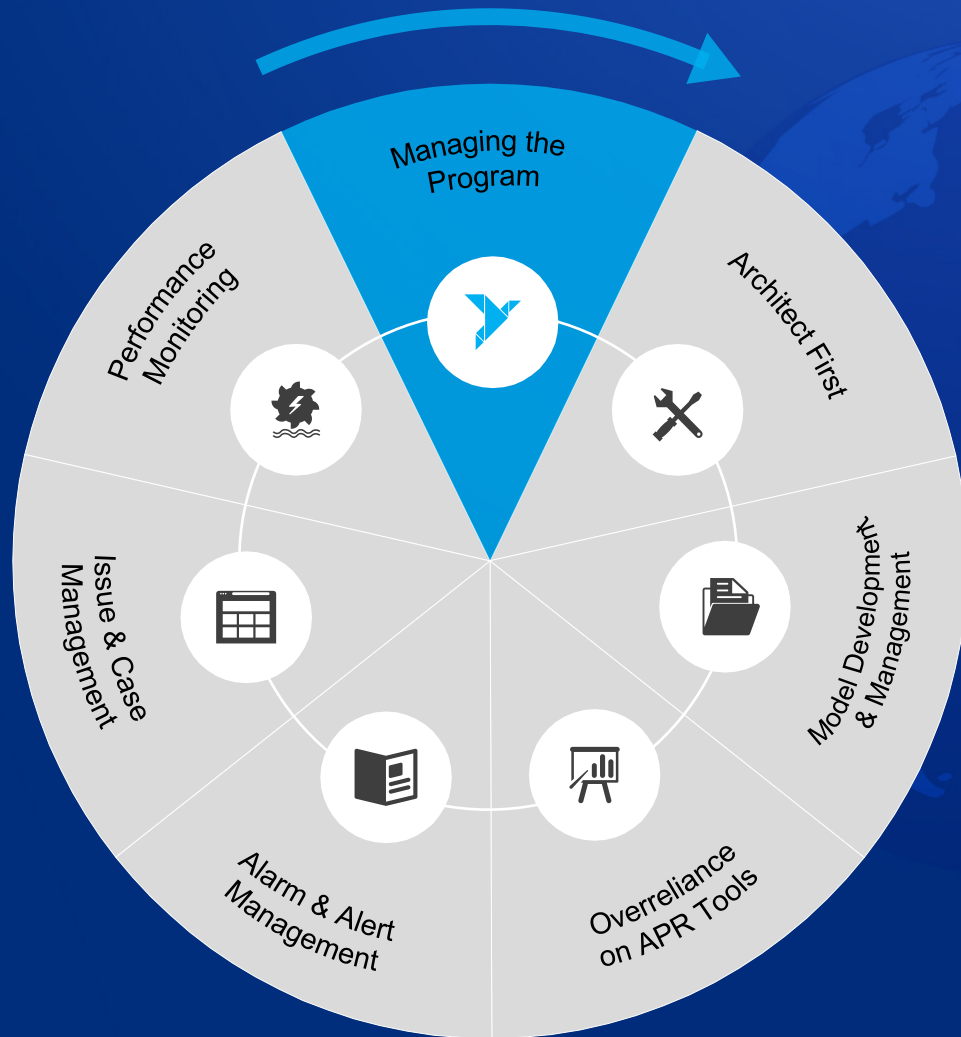


Monitoring & Diagnostics Program Best Practices Technical Report

EPRI's M&D Program Best Practices



EPRI's M&D Program Best Practices



Does your M&D program support the corporate vision?



This section addresses senior leadership support; steering committees; assigning a monetary value to catches, assists, and findings; and other business items.

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Did you start with the end in mind when it came to sensor selection?



This section addresses sensor selection in accordance with the Continuous On-Line Monitoring Quick Guide philosophy.

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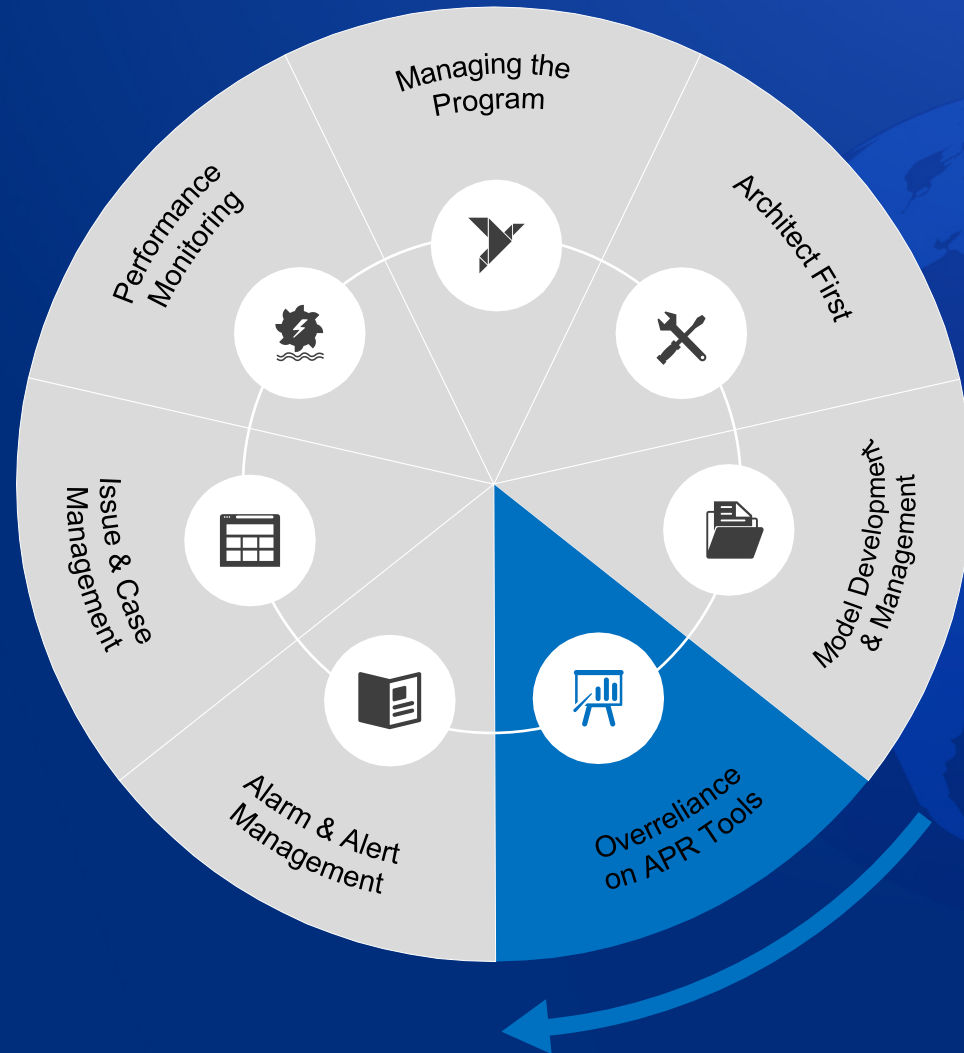


Are your models created to detect specific failure modes?



This section addresses creating models, model automation (component condition, plant performance, and comparable equipment models), and continuous improvement (false positives and false negatives).

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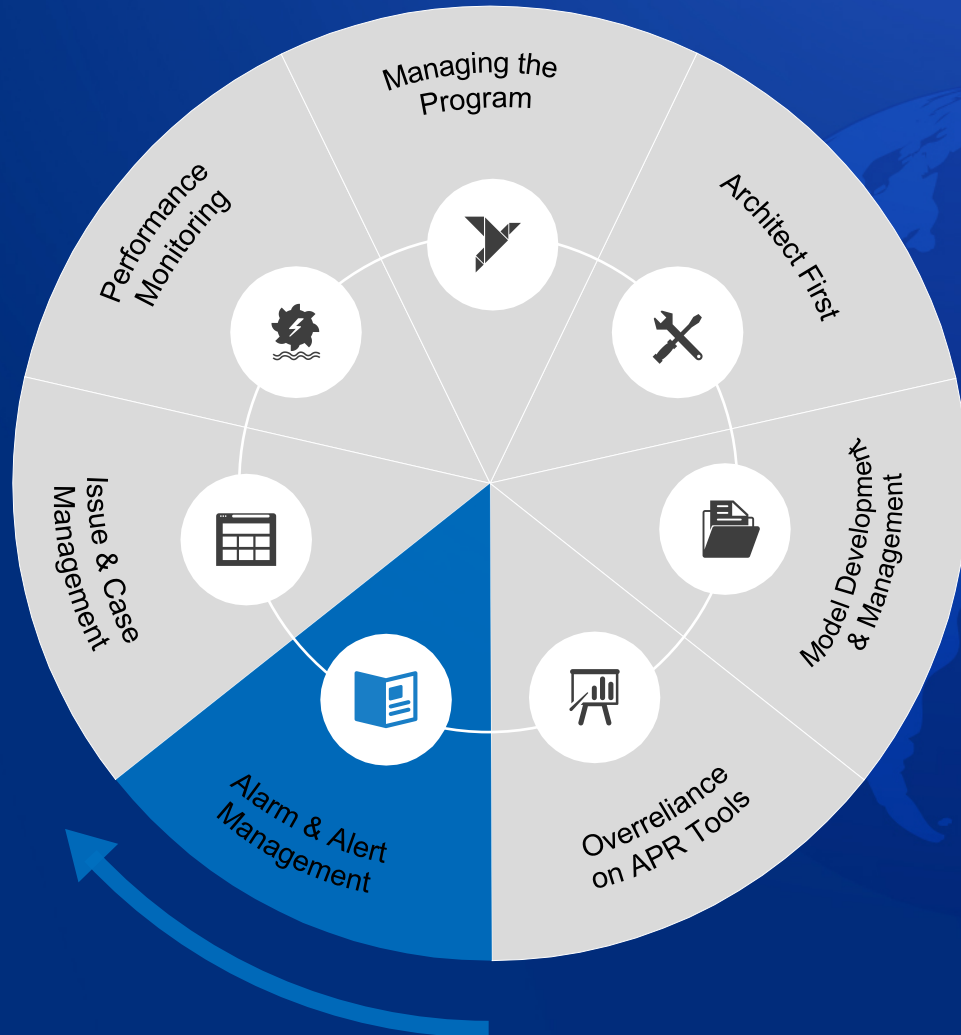


**Do you rely solely on
Advanced Pattern Recognition
tools?**



This section addresses the pitfalls of overreliance on APR tools, suggests additional tools, and provides a brief history on machine learning.

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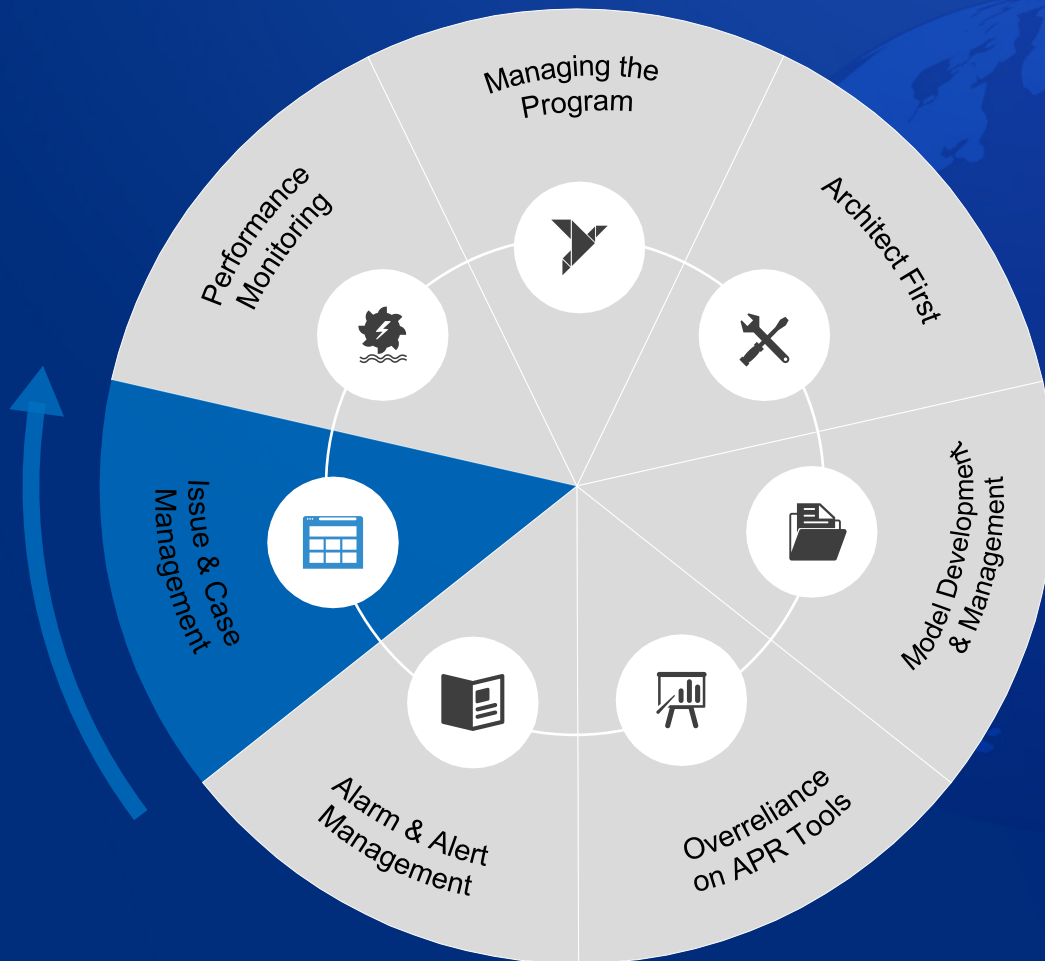


Is each alarm actionable with a written action plan?



This section addresses alert management interactions, alarm names and descriptions, and ANSI/ISA 18.2.

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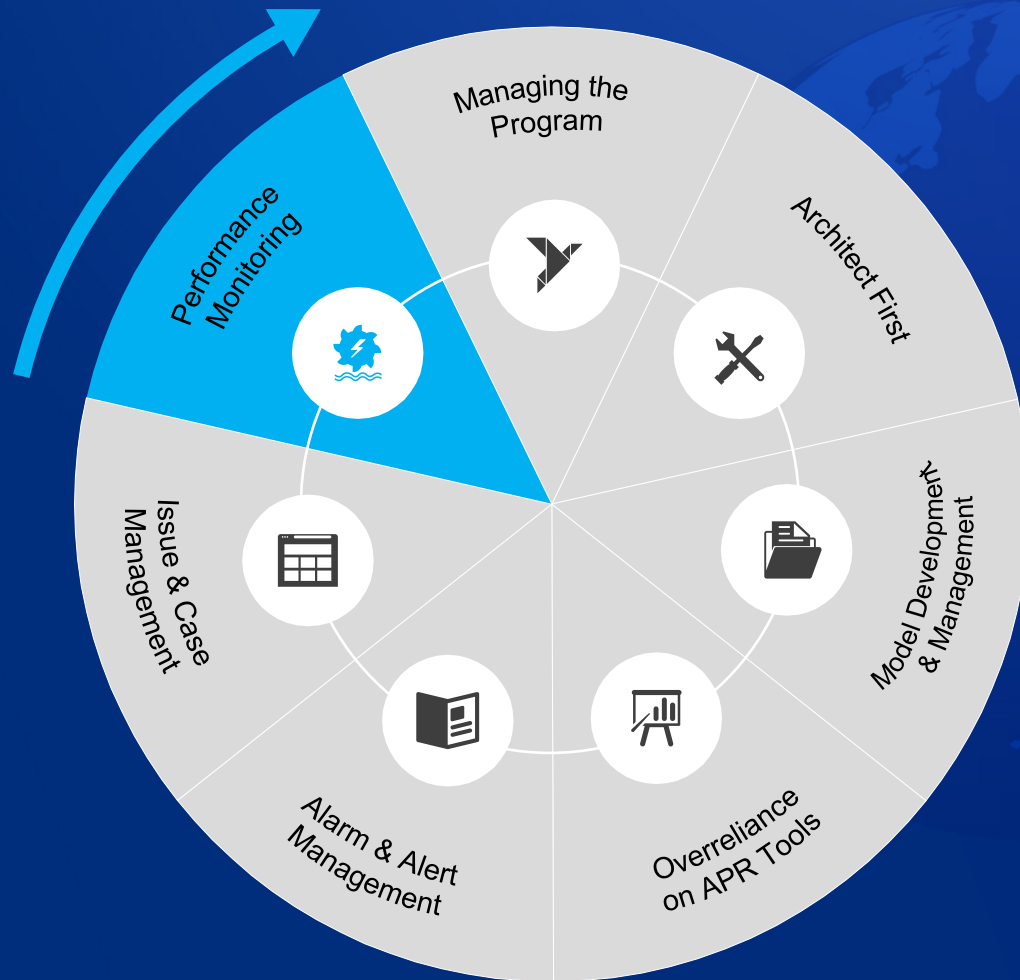


Are your platform issues and cases managed with the highest priority first?

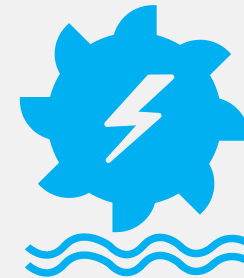


This section addresses cases (PRiSM) and issues in some specific platforms.

EPRI's M&D Program Best Practices



**Are you running your program
in accordance with industry
best practices?**



This section addresses industry best practices and benchmarking strategies, communication strategies, and items with the M&D Program Manager should be concerned.



Other Items Related to M&D Programs

M&D Program Extras



Agile Development

This product is being developed using Agile Product Development.



EPRI Tech Apps

EPRI is providing limited M&D Program assistance on a FCFS basis.



COLM Quick Guides & PMBD

Watch for additional Continuous On-Line Monitoring Quick Guides and PMBD updates this year by going to PMBD.EPRI.com



NEW * LAMBDA

Long-term large capital asset management software found at LAMBDA.EPRI.com

A blue-tinted photograph of four people standing in a row. From left to right: a woman with curly hair and glasses wearing a white lab coat with 'EPRI' on the pocket; a man with glasses wearing a white lab coat with 'EPRI' on the pocket; a woman wearing a white hard hat and a dark EPRI work shirt; and a man with glasses and a beard wearing a light blue button-down shirt. They are all smiling and looking towards the camera. The background is a solid blue gradient.

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