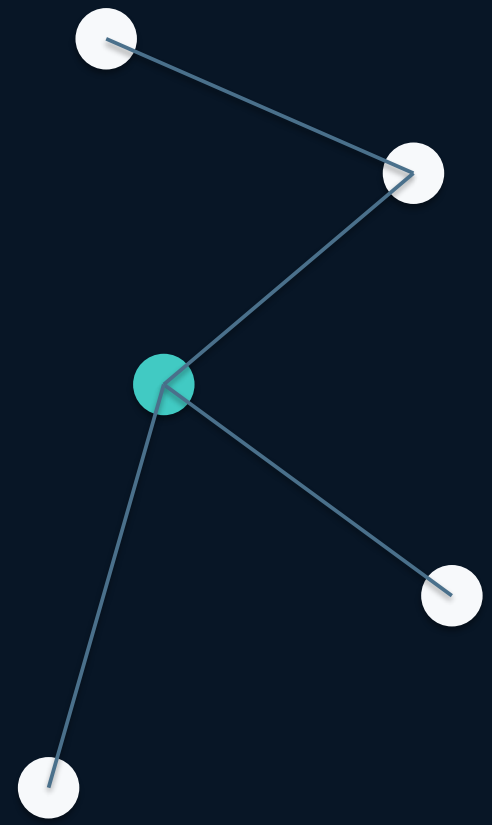
DME

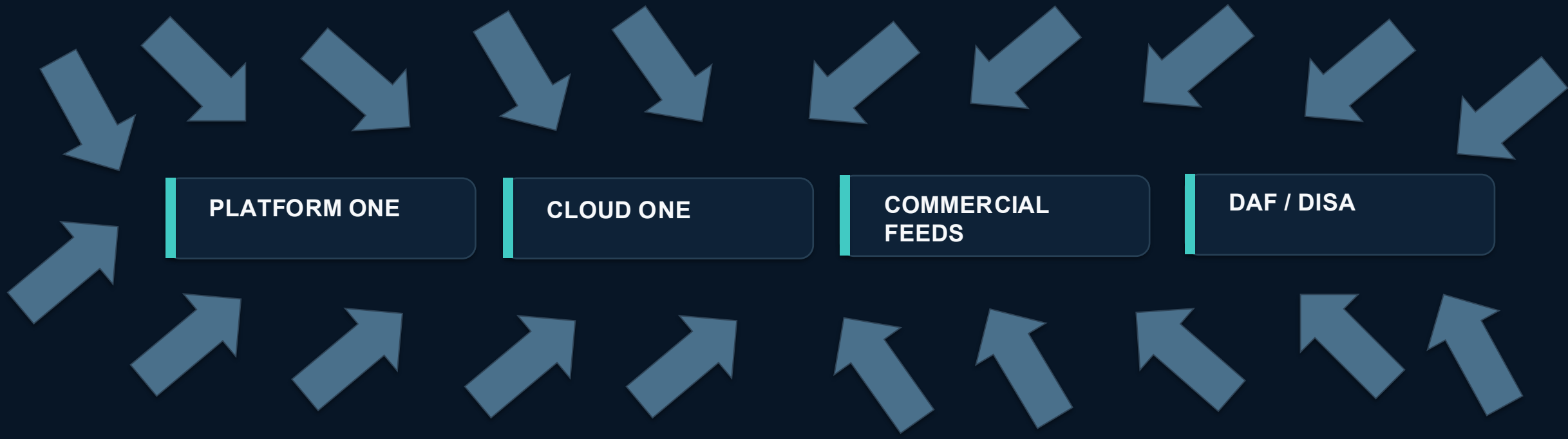
Turning data into governed operational advantage.

Connect once,
Command anywhere.



Cyber threats are intensifying.

Threats are increasing exponentially as the DAF modernizes its infrastructure. AI tools lower the barrier for bad actors.



The speed, volume, and complexity of cyber data will overwhelm current DAF infrastructure.

1 · MISSION REALITY

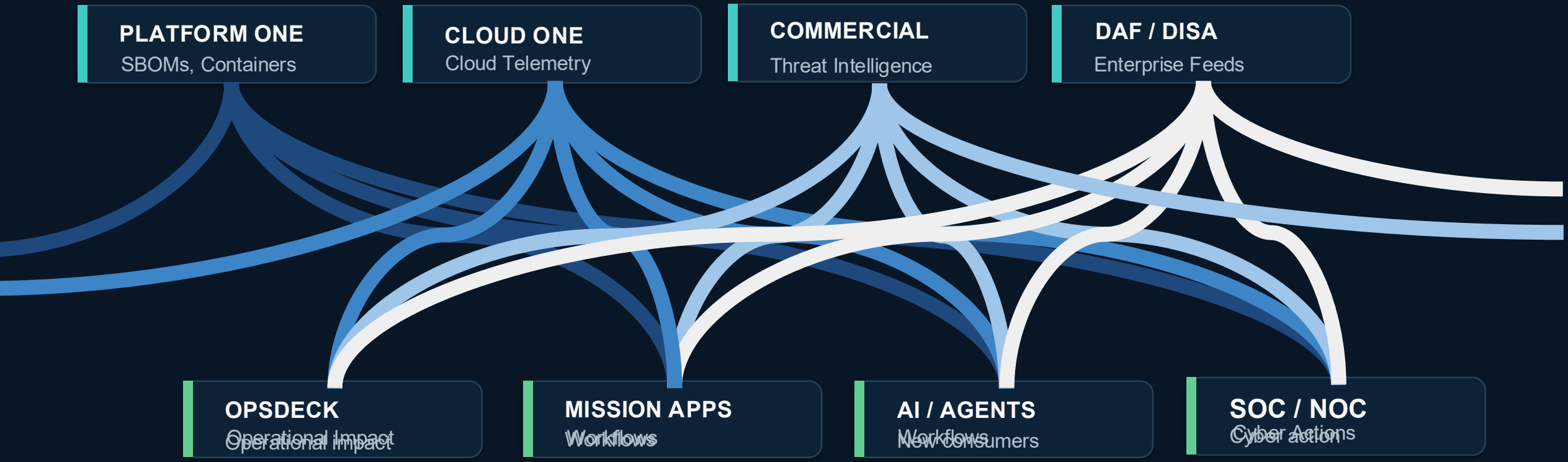
Turning data into action is what drives cyber advantage — before the threat moves.



The problem is not generating more data. It is getting the right capability to the right place in time to matter.

The DAF is not short on capability.

The ecosystem is getting richer faster than our ability to connect it.



Every producer × consumer relationship can become another access, integration, and policy problem.

3 · THE BOTTLENECK

Today, the connection is a multi-step, cross-dependency endeavor.

1

FIND IT

“Who owns this?”

2

GET ACCESS

FAMS · approvals · certs · acquisition

3

INTEGRATE

One-off technical work

4

GOVERN

Who can see / do what?

5

CHANGE

Don’t break everything

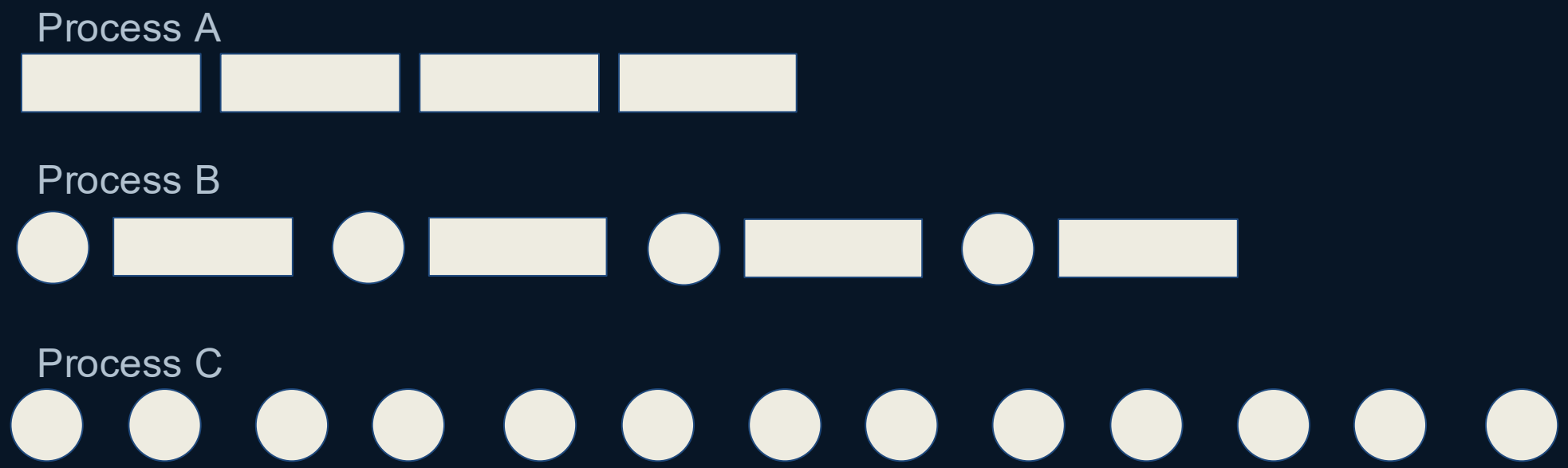
Hard to connect. Hard to govern. Hard to change.

The process is lengthy.



Cyber threats are not waiting a year.

It is also bespoke and unpredictable.



There is no way to leverage existing knowledge.

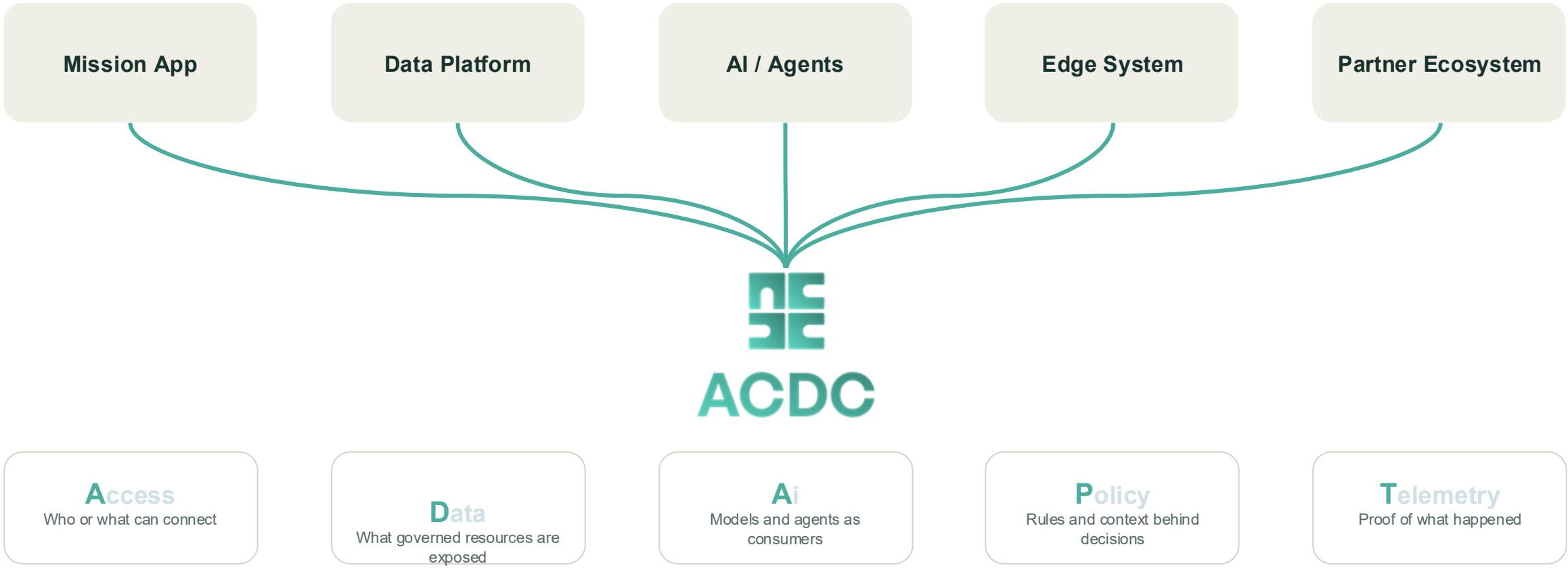
Introducing the Data Mesh Environment (DME)

DME is purpose-built to provide access to data at scale.



It efficiently connects cyber data to the right tools leveraging existing investments.

A reusable control layer that helps mission ecosystems ADAPT



Different missions. Different systems. One reusable way to connect and govern them.

Demo

How DME/ACDC turns data into action.

5 · PROVE IT

A critical CVE drops. Which mission systems are actually affected?

Rather than explain DME, let’s watch the operational chain.

P1 / Iron Bank
Publishes vulnerability + remediation info

DME / ACDC
Connects + governs

OPSDECK
Correlates against mission systems

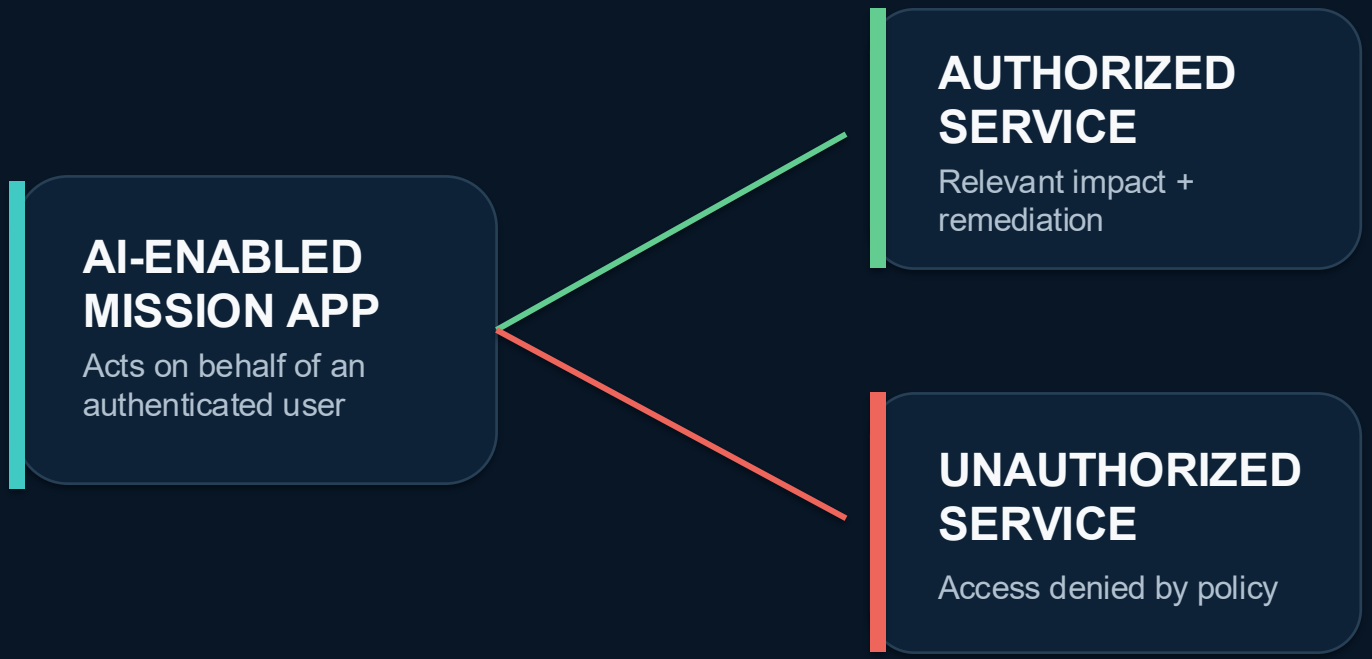
DME / ACDC
Federates + governs

AI CHAT
Mission user asks: “Am I affected?”

Threat discovery → impact analysis → mission action

THE SECURITY TWIST

Easy to compose does not mean open to everything.



Governed while in use.

THE SECURITY TWIST

Telemetry provides visibility to any cyber warrior.



Achieved without the latency of a centralized data platform.

6 · THE REVEAL

What you just saw was not one cyber integration.

It was a reusable enterprise pattern.

CONNECT

Independently built capabilities become reusable.

GOVERN

Policy follows the interaction across systems.

ACT

Operators and AI can turn information into mission action.

Different missions. Different systems. One reusable way to connect and govern them.

Connect once. Command anywhere.