



How to Tackle the 4 C's on Your Road to Zero Trust

What are the 4 C's of Diamond Shopping?



Carat

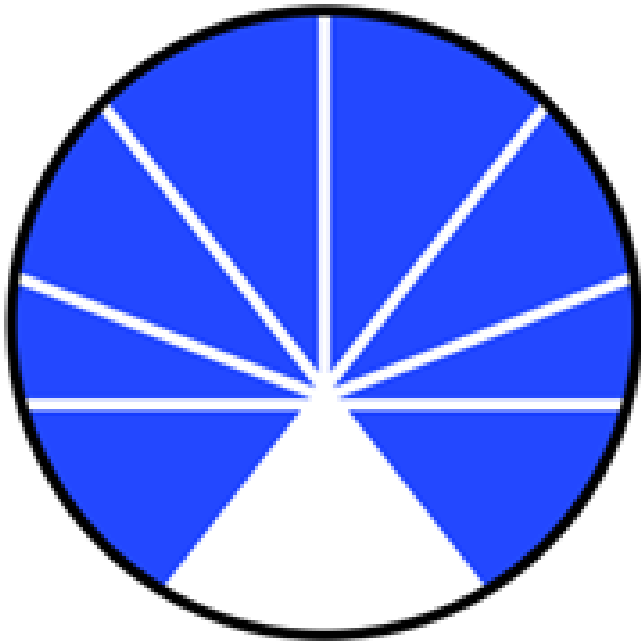
Cut

Color

Clarity

What are the 4 C's of Zero Trust?

Policy Information Point



Clean

Correlate

Consume

Control

Identity First
Security

Attribute Based
Access Control

Zero Trust
Architecture

Software Defined
Perimeter

Network
Segmentation

DSPM

Entitlement
Catalog

Identity
Warehouse

PBAC

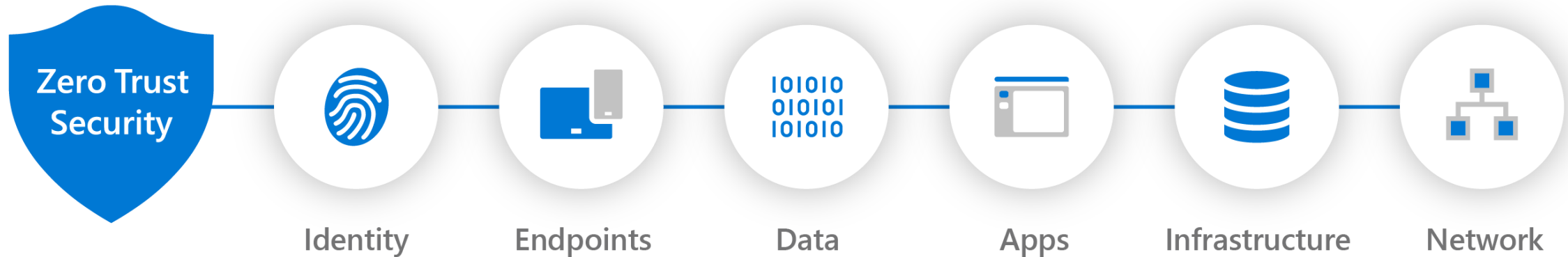
OPA

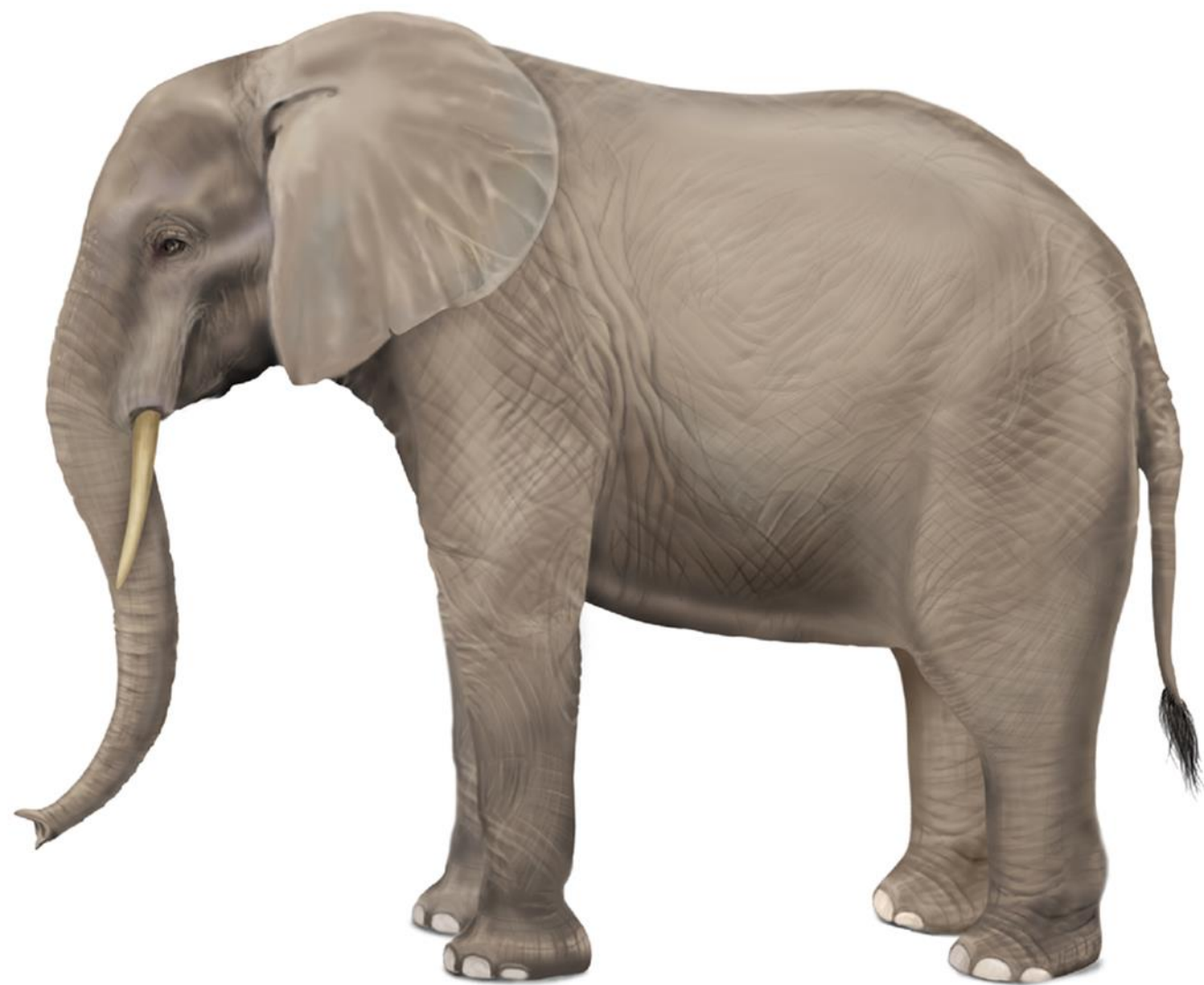
A Rose by Any Other Name...



...Still Secures Your World!

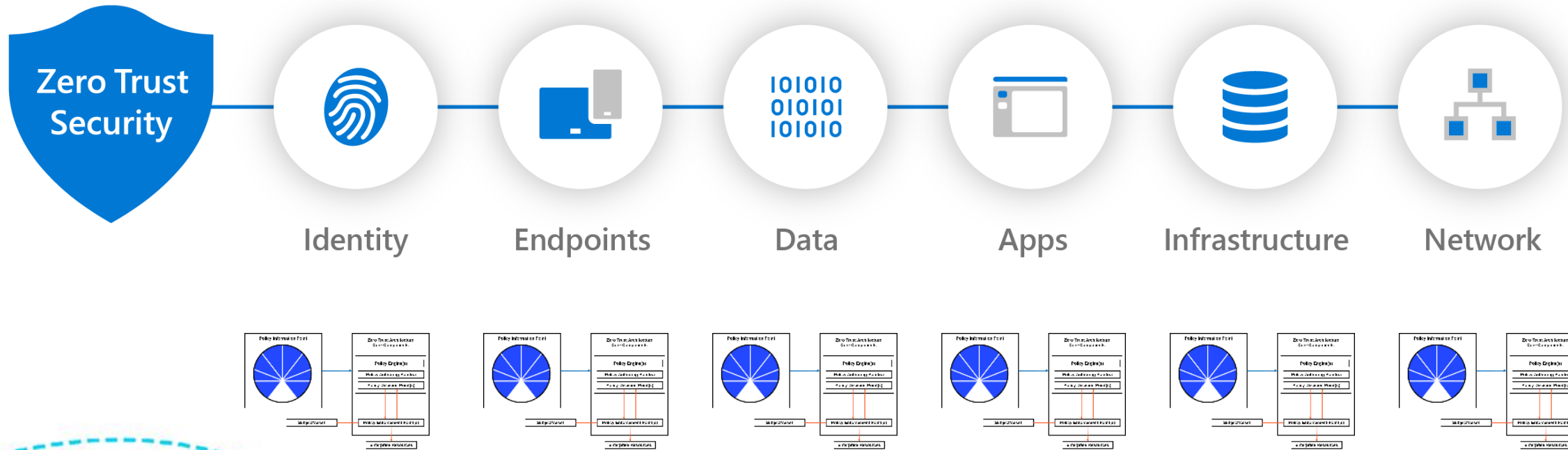
Visibility, Automation, Orchestration

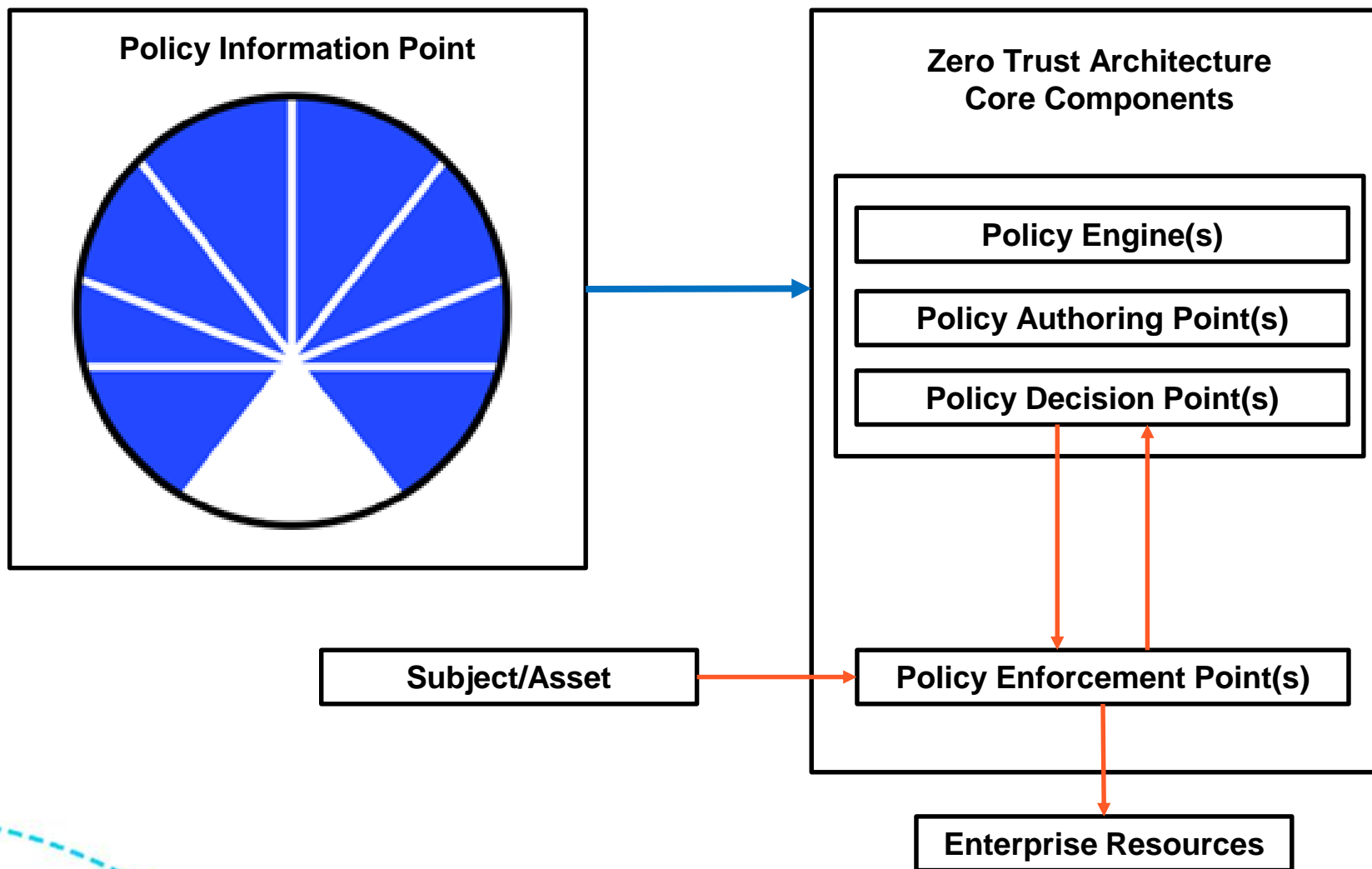




...Still Secures Your World!

Visibility, Automation, Orchestration





How Can We Define Zero Trust?

“A data-centric security model...

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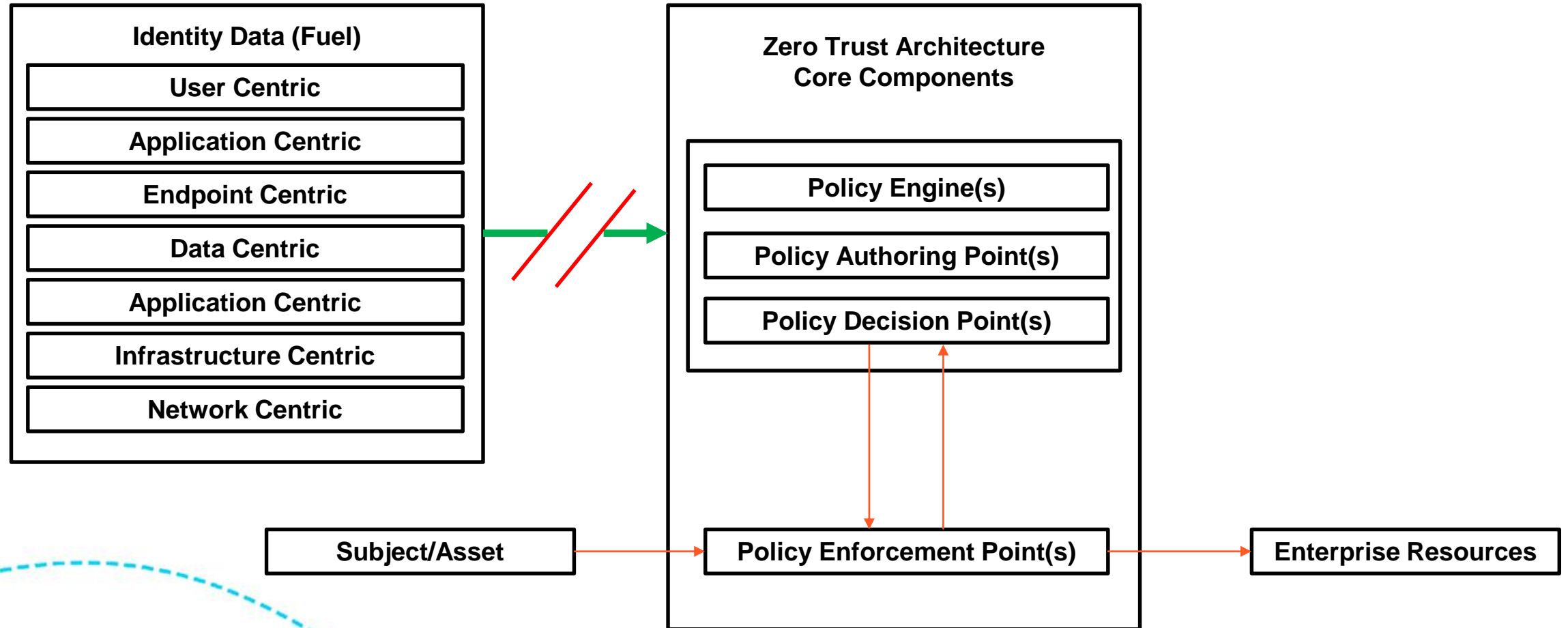
“A data-centric security model that eliminates the idea of trusted or untrusted networks, devices, personas or processes and shifts to multi-attribute-based confidence levels that enable authentication and authorization policies under the concept of least privileged access.”

I Think This is a Pretty Good Definition

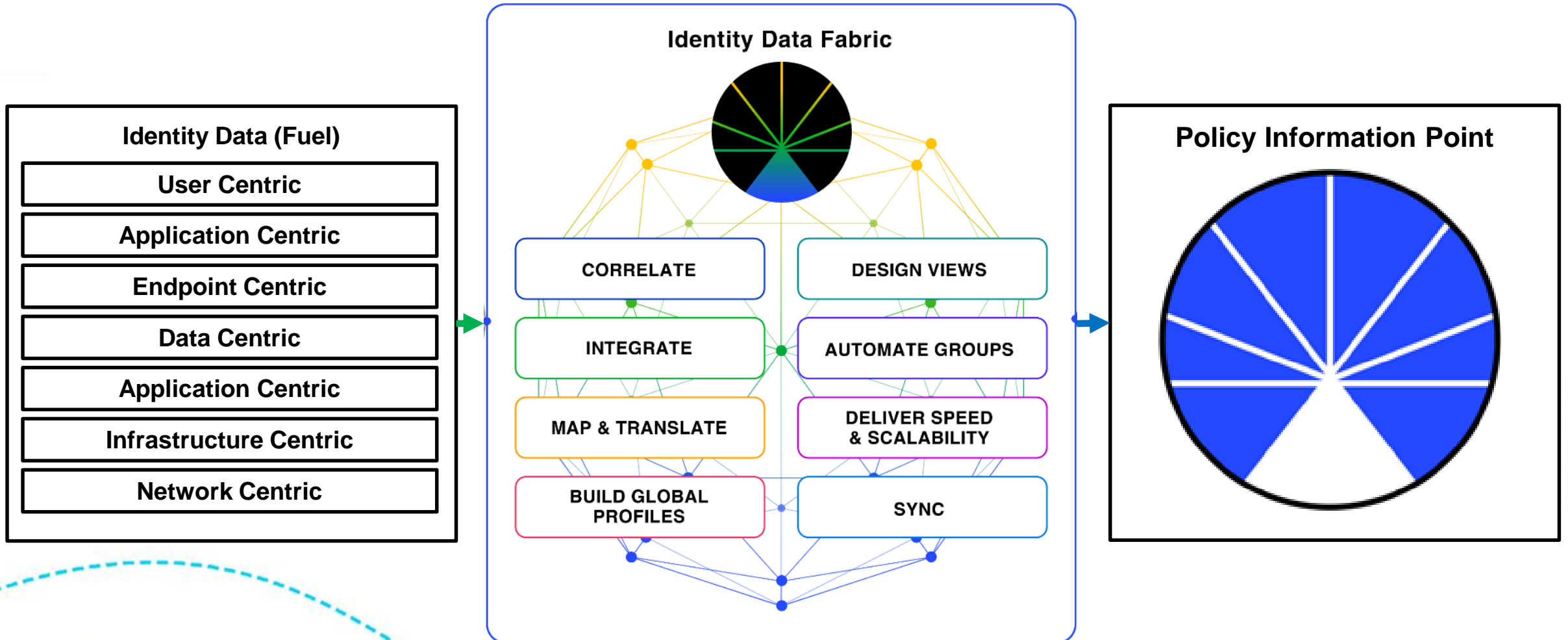
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– *DoD Digital Modernization Strategy*

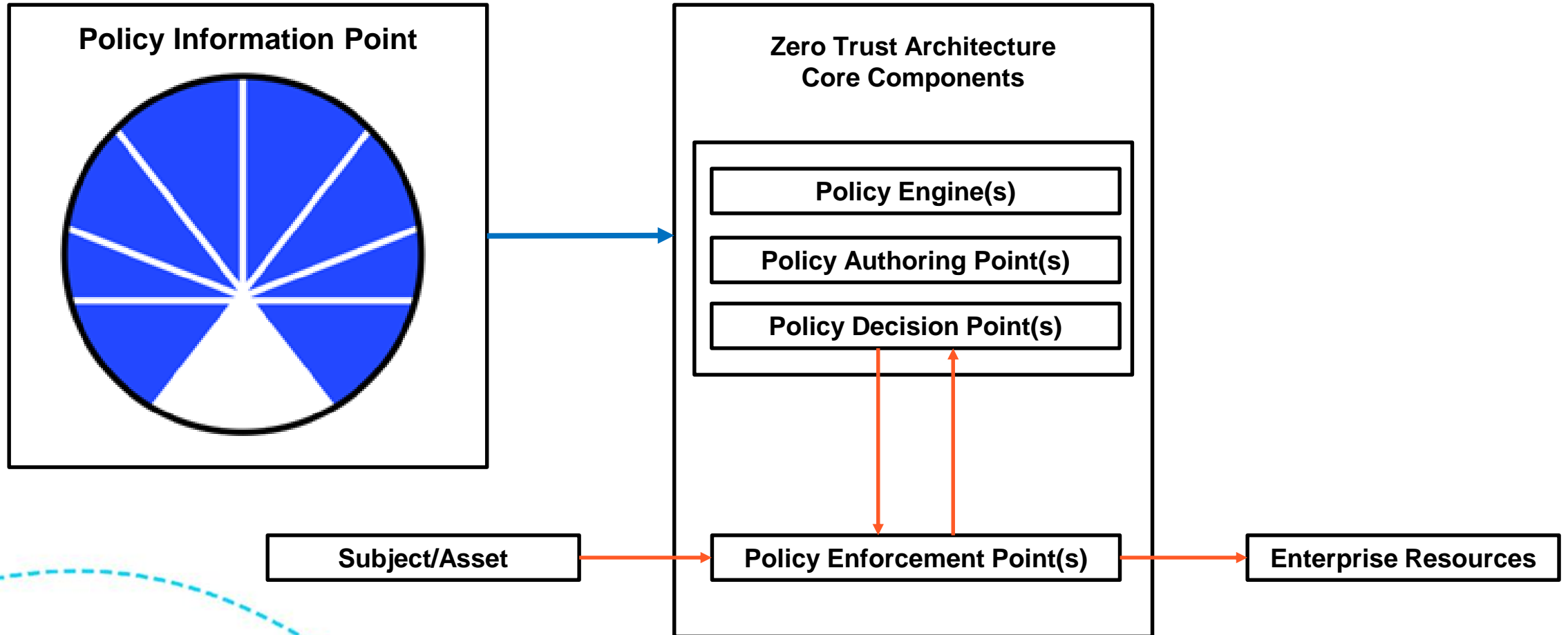
Policy Engines Need Disparate Data as Fuel



How to Build a ZTA Policy Information Point



NIST NCCoE High-Level Zero Trust Architecture



What are the 4 C's of Zero Trust?

Policy Information Point



Clean

Correlate

Consume

Control

Carat = Clean

- **Think of weight**
 - The weight of the IT debt accumulated in your environment
 - More is not better
- **Think of size**
 - What is the scale and scope of the data needs to be accessed
- **Think of visibility**
 - Where is the data
- **Think of quality**
 - How complete, accurate, and current is the data

Cut = Correlate

- **Think about the final shape**
 - What data does my PIP need to serve all my Policy Engines
- **Think about consistency**
 - Can I relate the same object across multiple sources
- **Think about makeup**
 - What format, schema, protocol is the data in natively
- **Think about polishing**
 - How do I crate a unified data set for each Policy Engine built on Truth

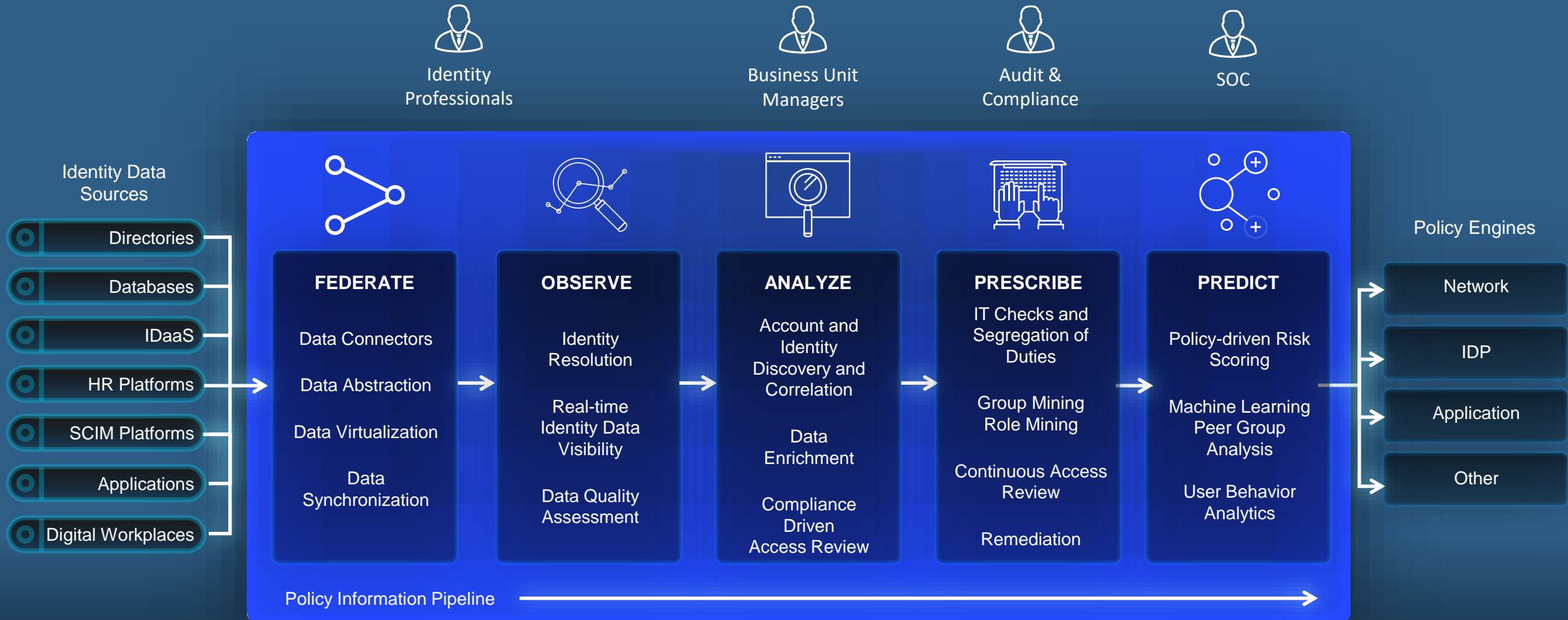
Color = Consume

- **Think first impression**
 - Will my PIP enhance my overall security
- **Think impact**
 - Will the PIP deliver the expected result, will it WOW?
- **Think mounting**
 - How will the PIP integrate with all the separate Policy Engines
- **Think Compatibility**
 - Does the PIP work well with others?

Clarity = Control

- **Think long-term value**
 - How to protect and grow your investment
- **Think appraisal**
 - Will audits and governance be supported
- **Think cleaning and polishing**
 - Plan for and remediate change
- **Think about the small things**
 - Drift, integrity, growth, evolution

An open, intelligent, and real-time platform for Identity Data



Zero Trust is a Journey Not a Product or Project

- ✓ Survey all the Policy Engines in your environment
The ones you have today and those you will need
- ✓ Determine which Policy Engines need what data
Format, structure, schema, protocol, attributes
- ✓ Find the authoritative sources for that PIP data
Single or several, related or disparate, clean or dirty

Start Your Journey With What You Have Today

Build your Policy Information Point

1. Clean
2. Correlate
3. Consume
4. Control

Wash, Rinse, Repeat...



THANK YOU!



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