



AI-Defined Networking

29 August 2023 DAFITC



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*AIDN Network Engineer
DOD Industry for 15+ Years
TS/SCI/FSP*

WWT Since 2020

Agenda

Who we are

Market Landscape

Introducing AIDN

Where AI going



AIDN
AI AT THE CORE

Who We Are

A division of **WWT**, a \$17B/year privately held global technology solution provider.

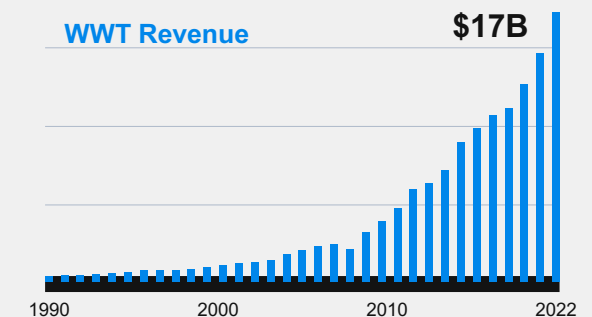
- Recognized as one of the “**100 Most Influential Companies** of 2021” by TIME
- Technology provider to **more than 80 of the FORTUNE 100**
- **Top Partner** with Cisco, HPE, Dell Technologies, VMware, NetApp, F5, Intel, Palo Alto Networks, Cohesity, Fortinet and many others

“ Our **culture of innovation** creates a **force multiplier** of knowledge, speed and agility, allowing us to accelerate digital transformation for our customers.

Jim Kavanaugh, CEO



Founded in 1990 by
Jim Kavanaugh, CEO &
Dave Steward, Chairman



Day in the Life

- Fishbowl / NOC experience
- Too Many Trouble tickets, not enough time



Network security is complex, and **mishaps happen**

30% are due to **Lack of Time for Risk Assess & Management**

29% are due to **Slow to Patch Systems**

27% are due to the **Inability** to keep up with **Active Threats**

AI can help!



- ✓ **Speed recovery**
- ✓ **Reduce outages & impacts**
- ✓ **Lower costs**
- ✓ **Optimize & scale**
- ✓ **Next-gen ready**



Remington Dechene

AIDN Founder, USMC Veteran

**MS Information Systems
Engineering**

Johns Hopkins University

BS Business Administration

University of Colorado

Networking reimagined with
self-learning
Artificial Intelligence

AIDN autonomously
protects, simulates,
monitors and controls networks
while optimizing performance,
minimizing downtime and reducing costs



AIDN
AI AT THE CORE



Security Autonomy

Reduce downtime & mistakes, across environments



The Road to **Autonomy**

OBSERVE



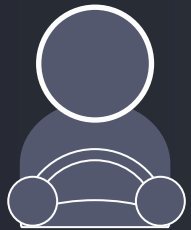
PREDICT



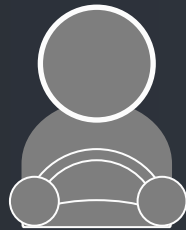
RECOMMEND



RESPOND



***Manual
Operation***



***Operator
Assistance***



***Conditional
Autonomy***



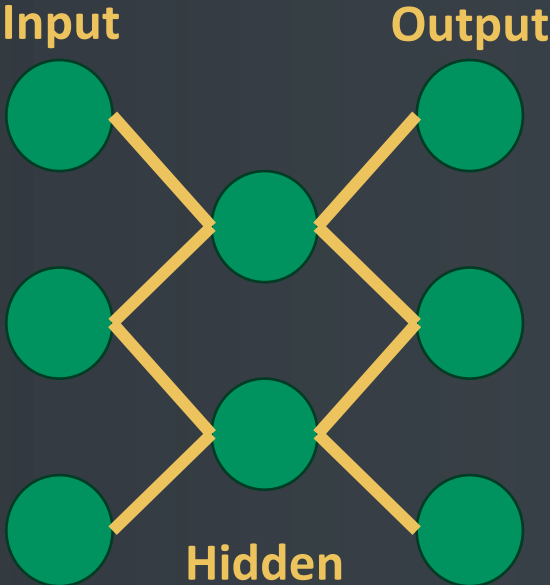
***Full
Autonomy***

AI re-defines network security

1. **High speed inspection** with AI inference
2. Privacy preserving shared learnings with **Federated Learning**
3. Autonomous, ubiquitous **AI security**

Inspecting more with less, at speed

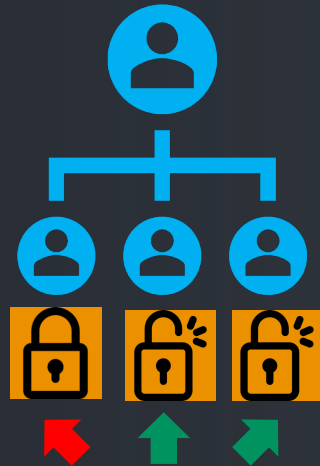
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10.1.2.1	255.0.0.0	179	10.1.2.2	255.0.0.0	179	Perm
0.0.0.0	255.255.255.255		0.0.0.0	255.255.255.255		Deny
192.168.1.2	255.255.255.0	53	192.168.1.1	255.255.255.0	53	Permit



Privacy preservation at scale

- **Initial Challenge:** Secure disparate units against advanced actors *without* central monitoring
- **AIDN Solution:** Shares learnings **without sharing data** between environments
- **Value:** Cross-unit security, continuous learning, rapid response

Legacy Security



Adversary

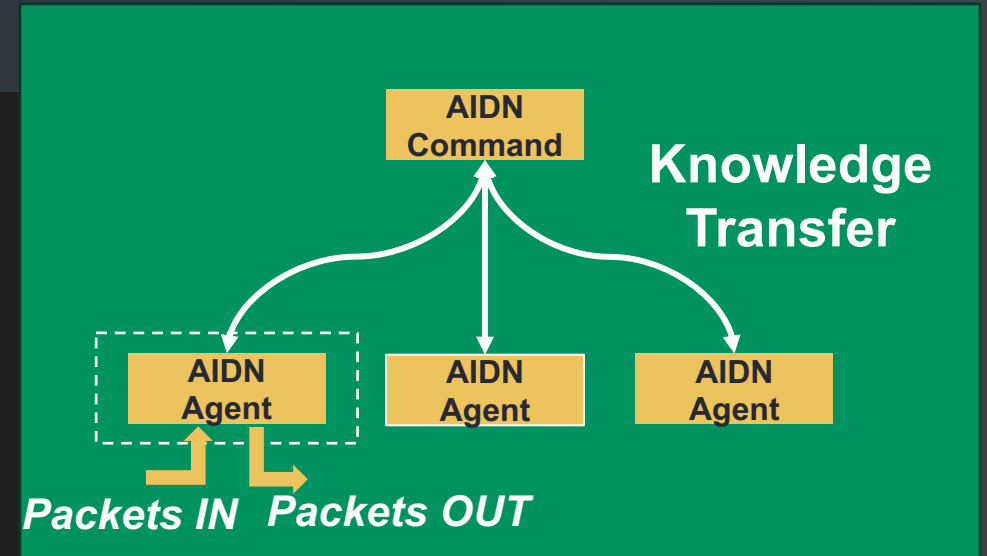
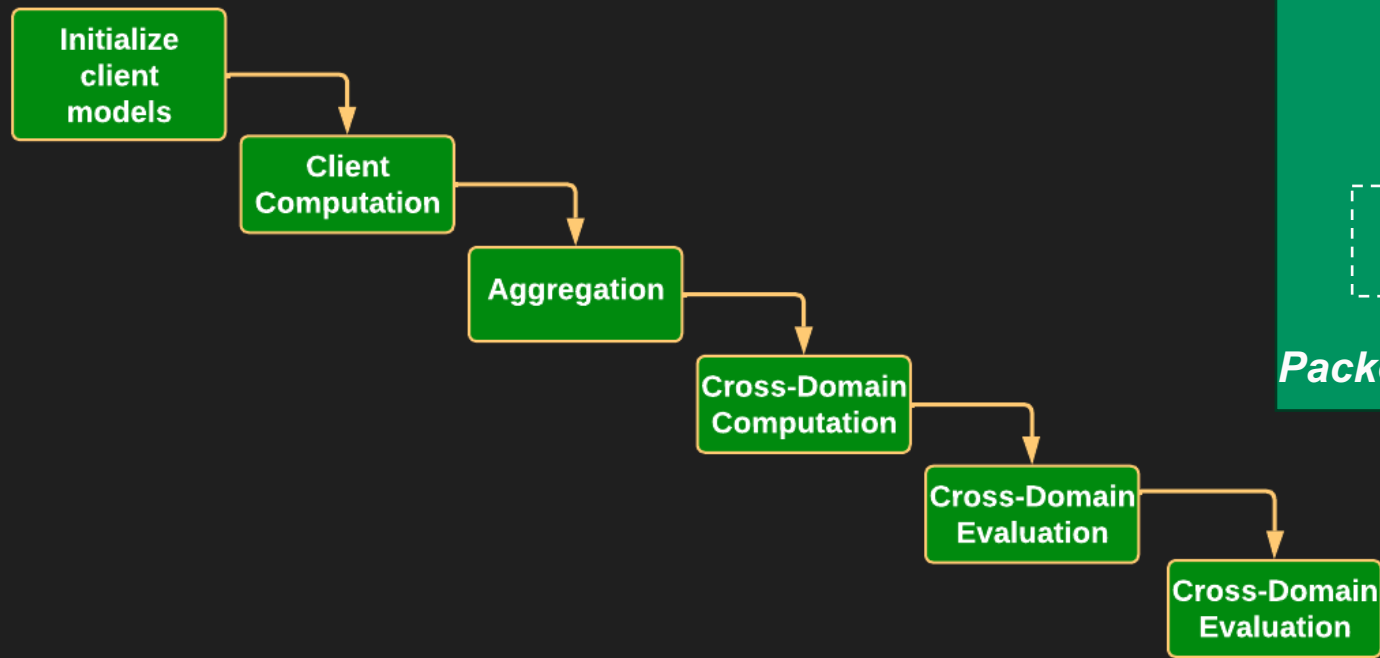


AIDN Security



Adversary

Privacy preservation at scale



Layered tabs vs Layered security



Prevention



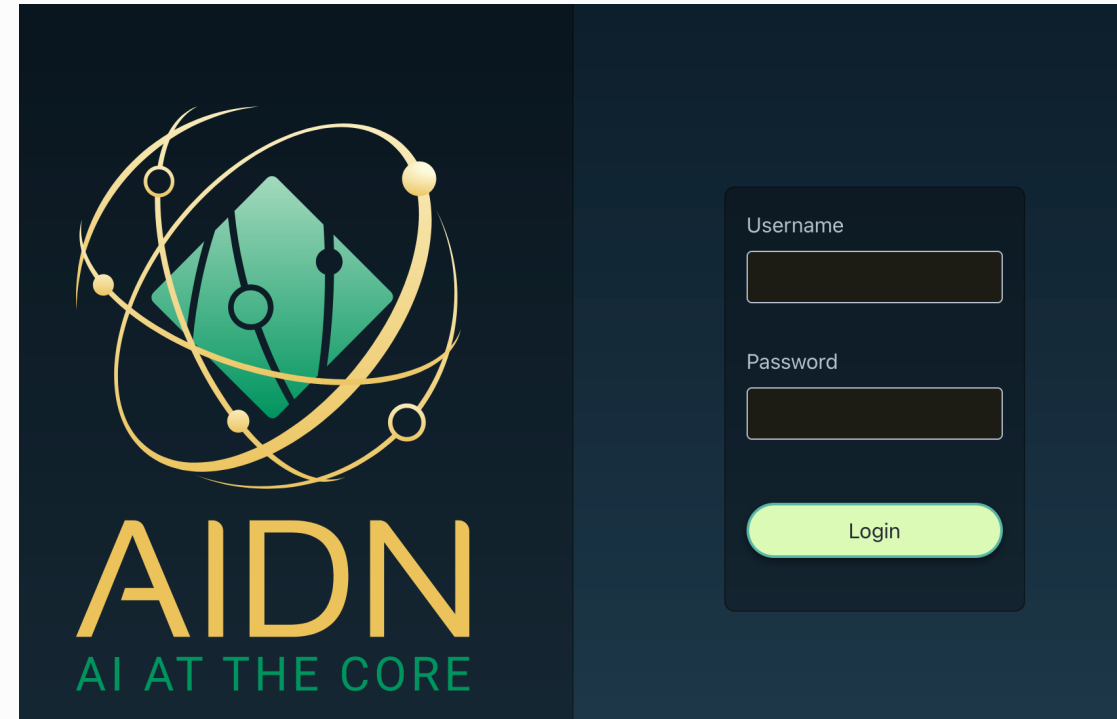
Monitoring



Rule management



Automation & orchestration



Early Access Program

Structure

Limited to Availability

Confidentiality

Product focused only on
Security Autonomy
functionality.

AIDN Commitments

Direct access to Dev and
Product Management

Voice/Vote for roadmap
features and priorities

Post-GA Early preview of
future releases

Deep discount model for
early adopters

Participant Commitments

Nothing, we're here to help
you!

We want to enhance your
security

We want to make your
network focused on Mission
Critical Events



For more information:

Visit us at **WWT Booth #261,**

online at **aidn.ai,**

or with refreshments at the

**AIDN Happy Hour @ Bipp Pizza St. Pizza Co.
From 1700-1900**



Caleb Snow

AIDN Sales Lead

WWT Since 2015

***Homebase:
Richmond, VA***





Networking reimagined with
self-learning
Artificial Intelligence