



Hewlett Packard  
Enterprise

**TECH TRENDS:  
STATE OF AI & CYBER-SECURITY  
HOW TO SECURE YOUR HOME/SELF**



# The Many Faces of IT Sales & Pre-Sales (w/ JoeV)



**Presenting to clients all over the globe  
(Canadian Gov't event)**

what my friends think I do



**Presenting on TV to famous clients  
everywhere**

what my mom thinks I do



**Traveling from beach to beach  
(Gen9 Roadshow in San Juan)**

what society thinks I do



**Partying on the customer's dime  
(Partner awards gala w/ R. Strelser)**

what customers think I do



**Flying in to save the deal  
(F16 at Compaq customer event)**

what I think I do



**Teaching partners to sell HPE  
(Arrow-HPE Virtual Specialist app)**

what I really do

# And In My Free Time & Retirement



## Performing in the UK Wildcat Halftime

Sept '78-83 & '85, '87, '89,...  
2021, '22 '23 & '25



Section Leader – “**The Weapons of Brass Destruction**” Horns  
**Earth-Wind & Fire** Style  
Contemporary Christian Rock



Co-Leader – “**The Smith-n-Weapons**”  
Motown Band Performing MUST Fund  
Raiser Concerts across Northern Atlanta for  
20+ Years

- **Board of Advisors**, Endurance Planning Grp (Ameriprise Fin'l Svcs)
- **Board of Dir**, FCA Cherokee Cty, GA
- **Volunteer**, Worship Production & Security Teams, Northside Church

**VidCom-AI Presents**  
HSS Center Pillar Console



Delivering **JUST** Enough  
Consulting To Fund  
My Full-Time Hobby  
President, **VidCom-AI**  
Flight Simulations

## And In My Free Time & Retirement



[VidCom-AI Mixed Reality Demo Video](#)

### **VidCom-AI Associates:**

Helping people design & build the Flight Simulator of their dreams



[VidCom-AI Motion Replay Demo Video](#)



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# TECH TRENDS: STATE OF AI & CYBER-SECURITY *HOW TO SECURE YOUR HOME/SELF*



Joe Vidal

HPE (former) GreenLake Chief Technology Officer, NA  
President, **VidCom-AI** Associates

[www.VidComAI.com](http://www.VidComAI.com)

April, 2026

# TECTONIC SHIFTS IN TECH/POLITICS REDEFINE IT OPERATIONS & DESIGN

## WE NOW NEED TO PROCESS THE DATA WHERE IT LIVES

No More Centralized Data Lakes

New State-Driven GDPR/PII Regulations Complicating Compliance

CA, VA & MA/MD all now have Data Privacy and locality legislation that limits the geo-location of data

More than **19** States Passed  
 Another **4** States In-Process  
**12** States Have Stalled Bills  
 As Of Jan 2026 = **35 / 50**

### US State Privacy Legislation Tracker 2025

#### Comprehensive Consumer Privacy Bills

State	Legislative process	Statute/bill	Common name	Consumer rights								Business obligations					
				Right to access	Right to correct	Right to delete	Right to opt out of certain processing	Right to portability	Right to opt out of sales	Right to opt in for sensitive data processing	Right against automated decision-making	Private right of action	Opt-in default (requirement-age)	Notice/transparency requirement	Risk assessments	Prohibition on discrimination (exercising rights)	Purpose/processing limitation
LAWS SIGNED (TO DATE)																	
California		<a href="#">CCPA</a>	California Consumer Privacy Act (2018; effective 1 Jan. 2020)	X	X	X	S	X	X		X	L	16	X	X	X	X
Colorado		<a href="#">SB 190</a>	Colorado Privacy Act (2021; effective 1 July 2023)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Connecticut		<a href="#">SB 6</a>	Connecticut Data Privacy Act (2022; effective 1 July 2023)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Delaware		<a href="#">HB 154</a>	Delaware Personal Data Privacy Act (2023; effective 1 Jan. 2025)	X	X	X	P	X	X	X	X	S/18	X	X	X	X	
Indiana		<a href="#">SB 5</a>	Indiana Consumer Data Protection Act (2023; effective 1 Jan. 2026)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Iowa		<a href="#">SF 262</a>	Iowa Consumer Data Protection Act (2023; effective 1 Jan. 2025)	X		X		X	X			S/13	X		X	X	
Kentucky		<a href="#">HB 15</a>	Kentucky Consumer Data Protection Act (2024; effective 1 Jan. 2026)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Maryland		<a href="#">SB 541</a>	Maryland Online Data Privacy Act (2024, effective Oct. 1, 2025)	X	X	X	P	X	X	X	X	13	X	X	X	X	
Minnesota		<a href="#">HF 4757</a>	Minnesota Consumer Data Privacy Act (2024; effective 31 July 2025)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Montana		<a href="#">SB 384</a>	Montana Consumer Data Privacy Act (2023; effective 1 Oct. 2024)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	
Nebraska		<a href="#">LB 1074</a>	Nebraska Data Privacy Act (2024; effective 1 Jan. 2025)	X	X	X	P	X	X	X	X-	S/13	X	X	X	X	

Source: [https://iapp.org/media/pdf/resource\\_center/State\\_Comp\\_Privacy\\_Law\\_Chart.pdf](https://iapp.org/media/pdf/resource_center/State_Comp_Privacy_Law_Chart.pdf)

# NEW GDPR LAWS & REGULATIONS ARE DICTATING CHANGE

## THE OPTIMUM

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### Data Needs To Sit As Close As Possible To Its Appropriate Edge

Applications that operate locally will reduce costs and improve performance.

Latency is the key objective for data storage locations.



# THE PUBLIC CLOUD TO HYBRID CLOUD JOURNEY

## Enabling Today's AI Revolution



The **Boomerang Effect** is bringing more workloads **back** to Private Cloud Environments

61%

of companies are accelerating innovation with XaaS<sup>1</sup>

85%

of companies have migrated applications or data that were primarily part of a public cloud environment to a private cloud or on-premises environment?<sup>2</sup>

25%

reduction of workloads on public cloud<sup>3</sup>

55%

cited better TCO as primary driver for workload repatriation to on-premises infrastructure<sup>4</sup>

1 Source: Deloitte: Accelerating Agility with XaaS (2018)

2 Source: IDC's Cloud Growth & Migration Feb 20

3 Myth of 100% Cloud: Aberdeen May 2020

4 Public Cloud Infrastructure Workloads Survey, IDC, Dec 2019

# UNLEASHING THE POTENTIAL OF AI FOR KEY BUSINESS APPLICATIONS

Advancements in AI are driving progress in 4 primary applications for banks—Fraud Detection & Identity Verification, Conversational AI & Automatic Speech Recognition, Robotic Process Automation (RPA), and Recommendation Engines for Next Best Action.

## Fraud Detection & Identity Verification

- Real-time calculation of risk and fraudulent exposure
- Accelerated diligence for AML/KYC compliance
- Seamlessly authenticate users and identify and act on unusual behavior
- Scan payments, isolate transaction patterns, and flag anomalies in milliseconds



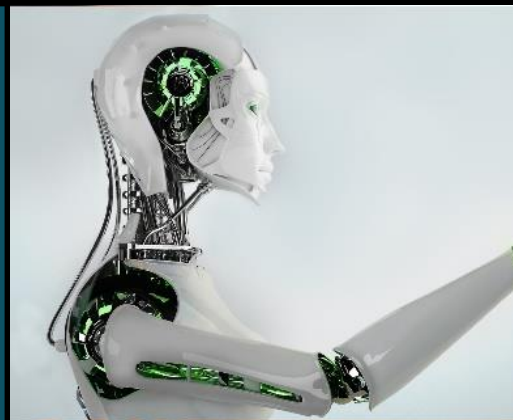
## Conversational AI & Automatic Speech Recognition

- Deliver better customer service outcomes from natural language inputs
- Analyze video, audio content instantly for better customer support experience
- Gain insights from every customer interaction
- Accelerate automation for daily processes



## Robotic Process Automation (RPA) for Document Processing

- Extract meaning from documents, regardless of language or layout
- Automate workflows to interpret documents and make human-like decisions
- Process applications with unstructured document types
- Eliminate tens of dollars per event of manual processing costs



## Recommendation Engines for Next Best Action

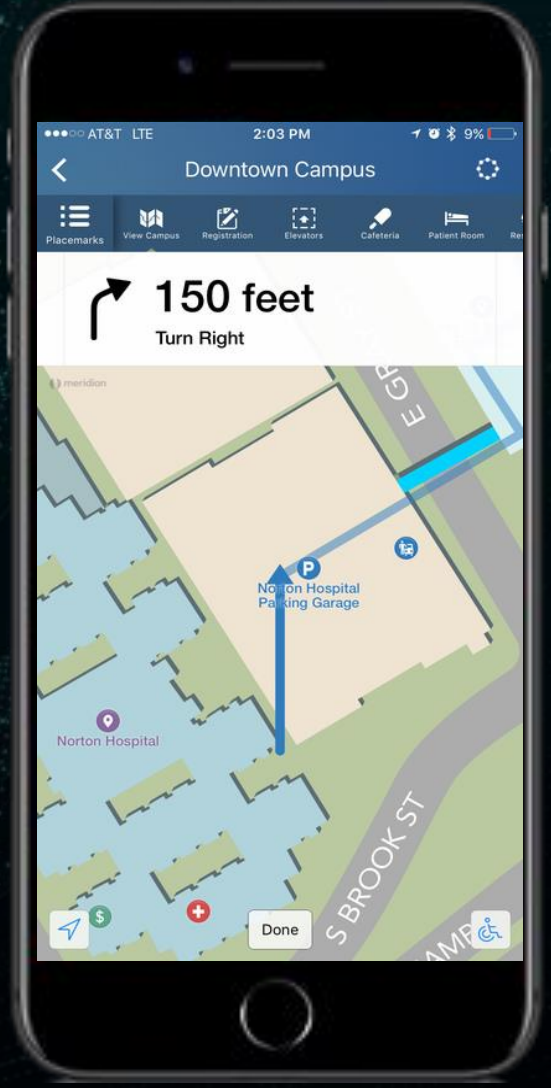
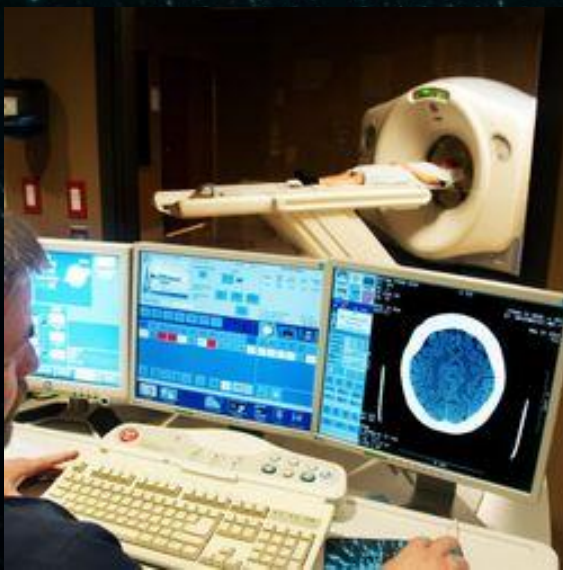
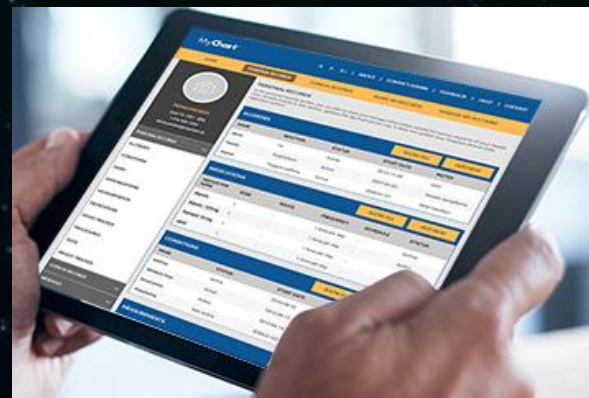
- Detect early warning signs of risk (defaults, bankruptcies, fraud, lawsuits)
- Process larger models and more data for faster time-to-insight and efficient dispatching of resources
- Increase conversion by providing personalized messages
- Improve customer loyalty and satisfaction



# TRANSFORMING HEALTHCARE



Appointment data, electronic health records (via Epic integration) live chat and e-arrival options along with asset tags, indoor navigation and proximity based triggers

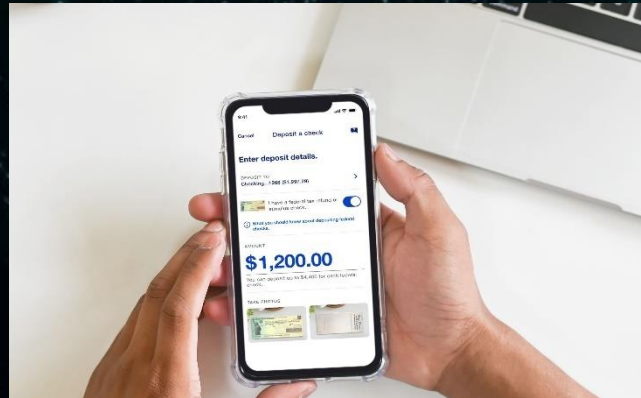
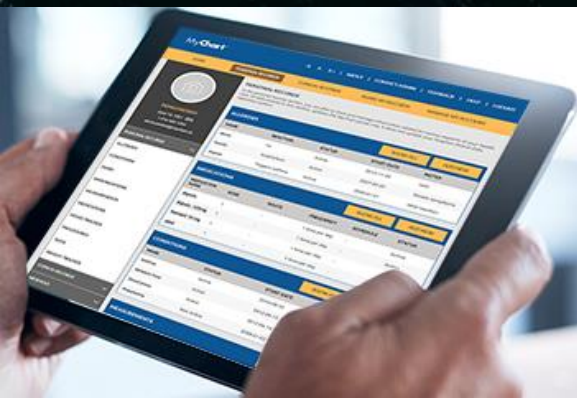


# TRANSFORMING EDUCATION

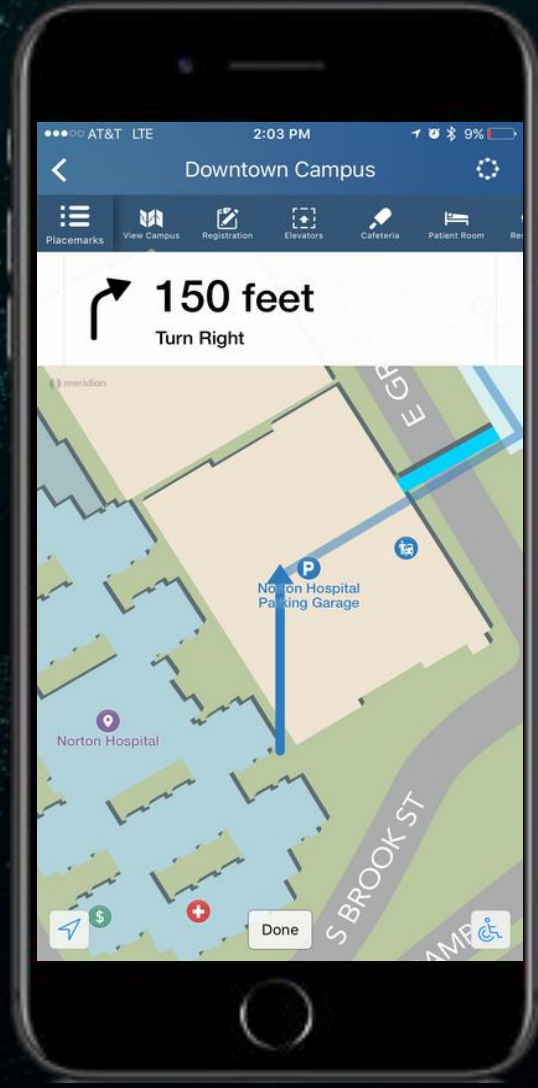
*Personalized Learning & Smart Campus Mobility*



Class Schedule data, Smart Campus mobility (via Meridian integration)  
Live chat and e-arrival options along with asset tags, indoor navigation and proximity based triggers



**Maps Safe Egress Routes During Emergencies**

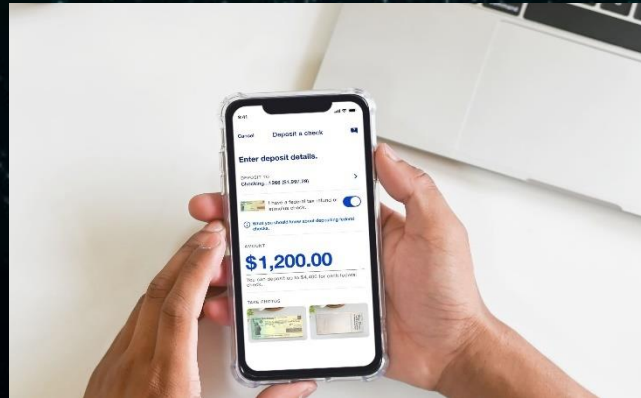
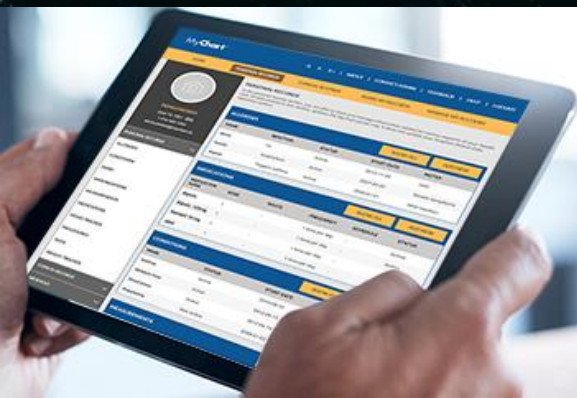


# TOP USE CASES OF AI WORLDWIDE

Identifying the Top Use Cases



## What's the #1 Use of AI Technology Worldwide?





# Secure access & availability of your data, apps and infrastructure from supply chain to production to Personal Data

**Workload Trust** Asserts key workloads have not been modified at start and continuously while running

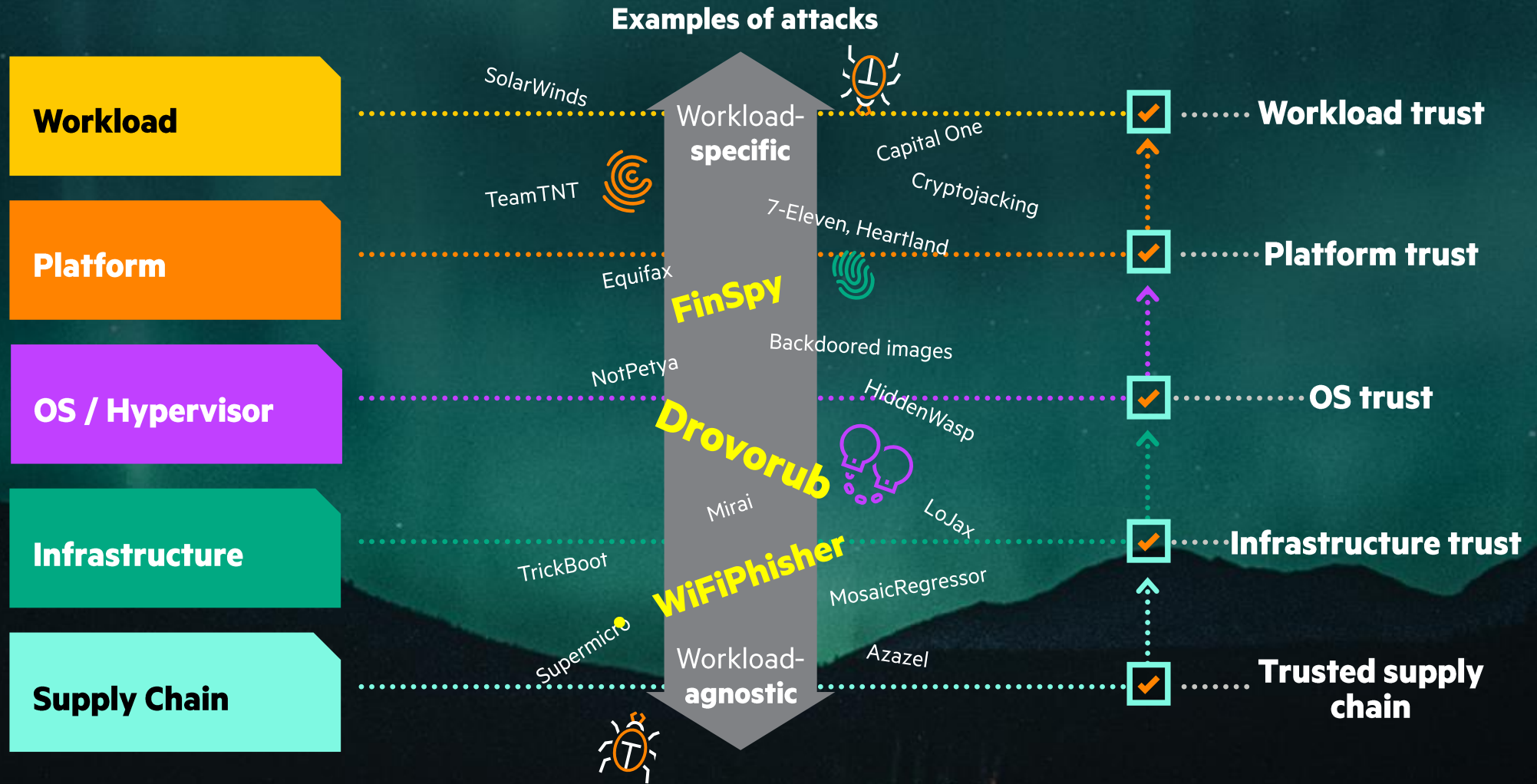
**Platform Trust** Prevents tampering of middleware platform; asserts key platform processes have not been modified at start and continuously while running

**Infrastructure Trust** Anchored in silicon to prevent tampering of hardware, firmware, and server configuration; ensures known good state for boot and run

**Supply Chain Trust** Prevents tampering, unauthorized activity; authentication from manufacturing thru end of life

**Personal Data-GDPR** A set of laws that define where Personal information can be stored and how it can be accessed and released and deleted by the Data Owner's request.

# Short List of Hacking Types & Tools



**All Levels of Hacking Injection Points and On-Ramps**

# LOCALIZED HACKING / SNOOPING / SPYING / EVIL TWIN ATTACKS

## Drone Tech Overview & New-Age Drive-by Snooping



- Relatively Harmless Retail Drones
- Not-So Harmless Commercial Drone capable of carrying a complete Evil Twin AI-Enabled Hacking Suite: **WiFiPhisher** (or similar packages)
- Spoofing Common WiFi AP's:
  - Hilton\_Honors
  - Hhonors
  - Marriot\_Guest
  - DeltaWiFi.com
- Injecting Backdoors, Keyloggers, etc..

# FIRST & NEXT STEPS

## 1. Lock Down all Wireless Devices

- PC's/Tablets/Cell Phones
- Xbox/PlayStation/Kids Tablets
- TV's/DVD/BluRays
- SMART Hm Devices
  - Thermostats/Light Switches/Lights
  - Washing Machines/Ovens/Toasters/Fridges
  - SONOS Speakers/Alexa/Google Next
  - Garage Door Openers/Door Locks/Security Cams

## 2. Delete All Known Networks Other Than YOUR OWN!

## 3. Use a Wired Network Connection Whenever Possible

## 4. Turn OFF Wireless Networking Wherever Possible



**Practice Safe At-Home Networking & No Foreign USB Sticks!!!**

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**THANK YOU**

**Q&A**

Joe Vidal

[JoeV@VidComAI.com](mailto:JoeV@VidComAI.com)

Radio-Joe-007 (Discord)

Radio-Joe Vidal (WBD-Horns) Facebook

[www.VidComAI.com](http://www.VidComAI.com)

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