

THE TIME IS DIFFERENT

The Convergence of Core and Transformative Technologies

Craig Dickman
Managing Partner, TitletownTech

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PERSPECTIVE



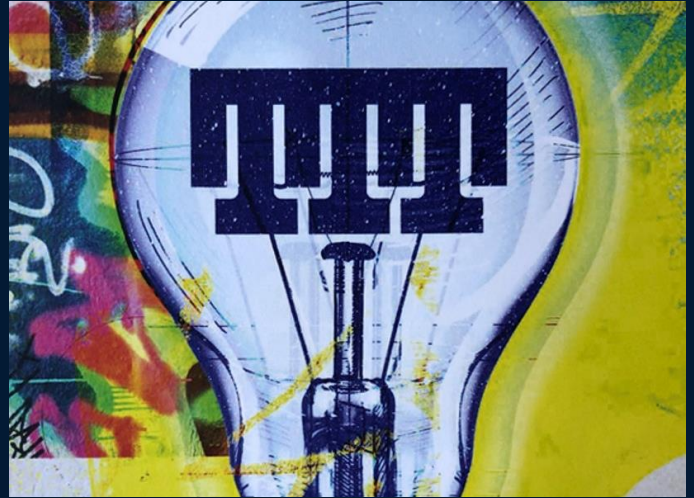
GROUNDING IN TRUCKING



LEADING-EDGE INNOVATION



ENTREPRENEURSHIP



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TECHNOLOGY CONVERGENCE

CORE TECHNOLOGIES

SaaS (Fleet Optimization)
GPS & Telematics (Real-time Tracking)
IoT (Predictive Maintenance/Asset Monitoring)
Sensing & ADAS (Enhanced Safety & Driver Support)
Data Analytics

TRANSFORMATIVE TECHNOLOGIES

AI/AGI/SuperIntelligence
Quantum Computing
Autonomy
Hyperscale Cloud & Compute

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CORE TECHNOLOGIES



SaaS



GPS & Telematics



IoT

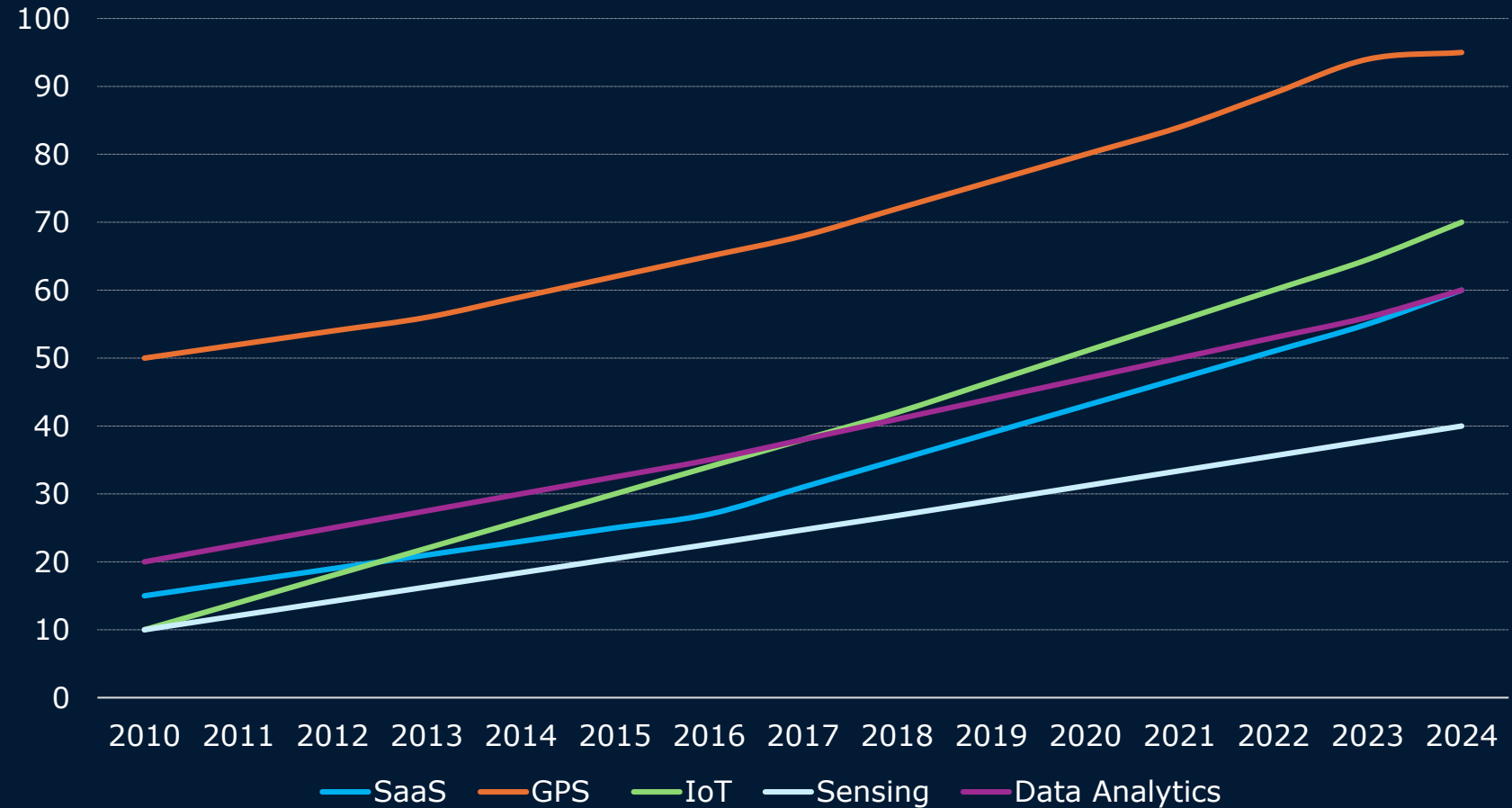


Sensing & ADAS



Data Analytics

Core Technology Adoption



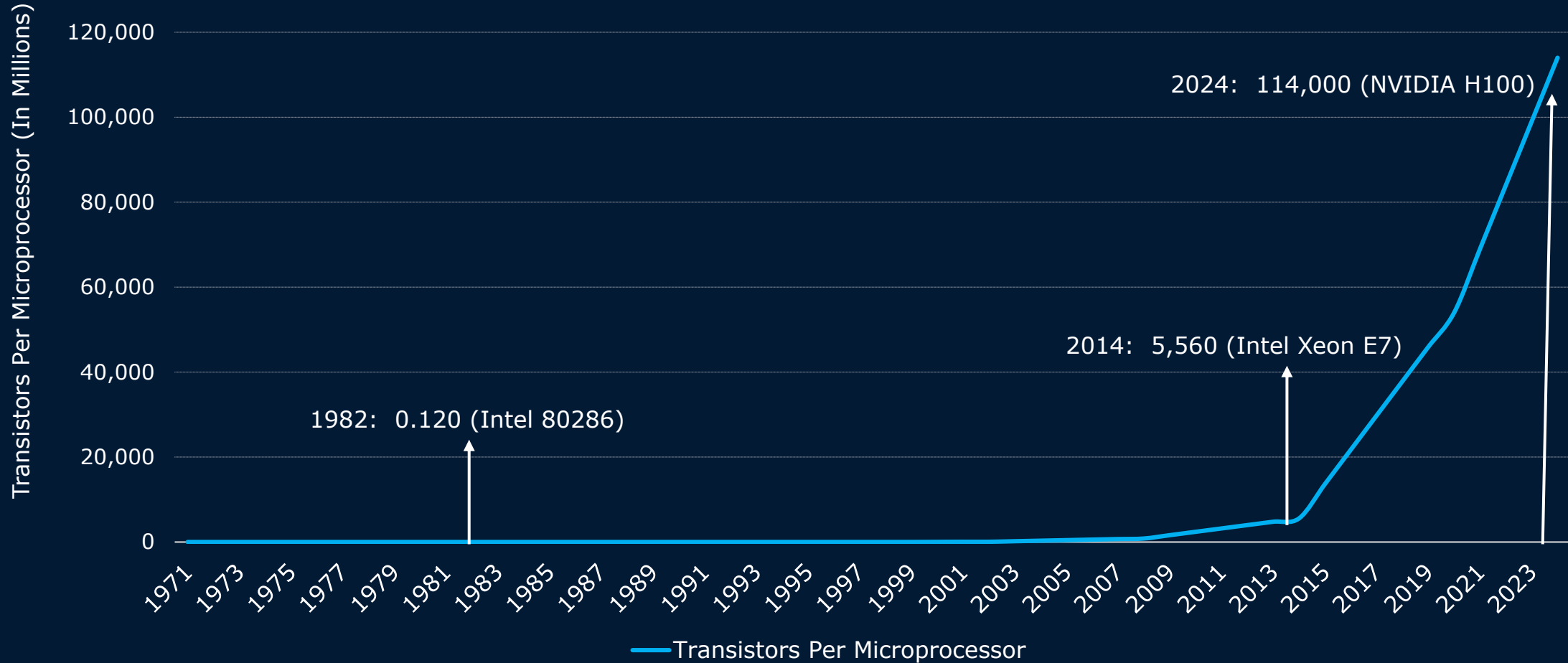
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A VIEW ON EXPONENTIAL TECHNOLOGY

Moore's Law



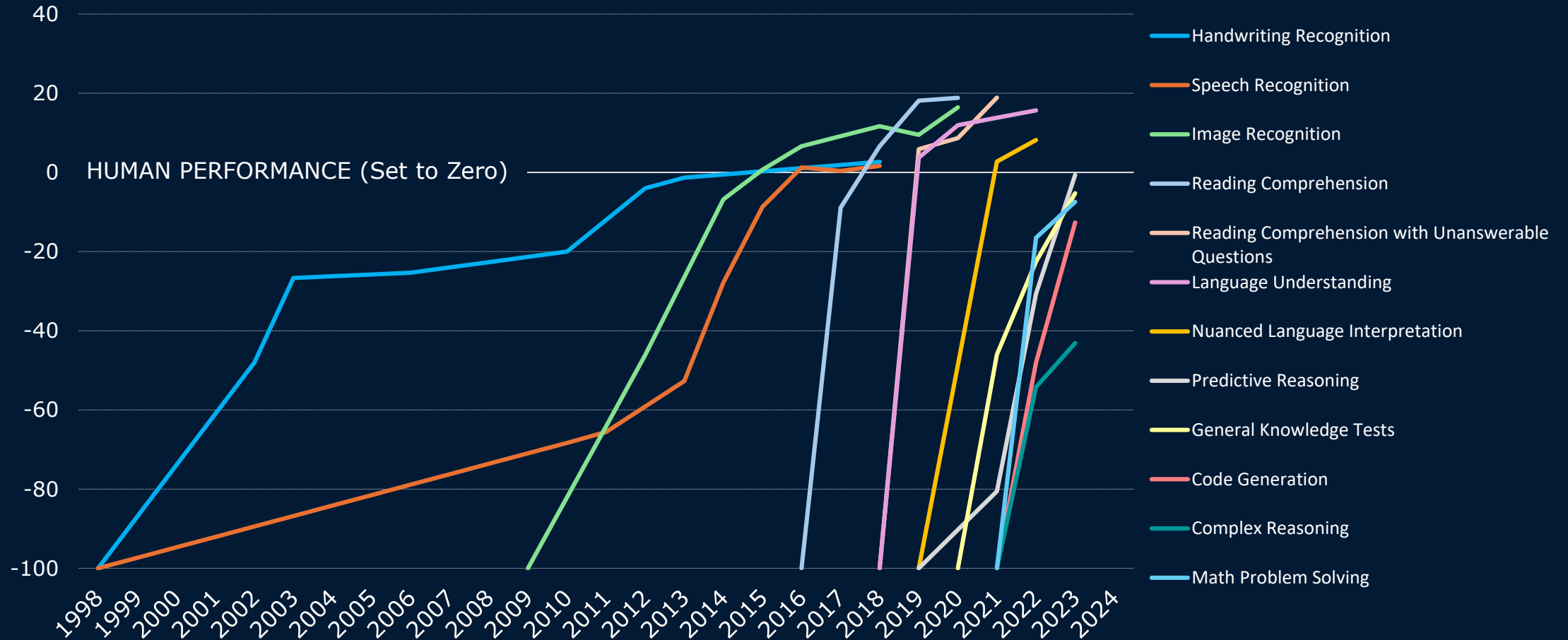
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A VIEW ON EXPONENTIAL TECHNOLOGY

Test Scores of AI Systems (relative to human performance)



CORE & TRANSFORMATIVE TECHNOLOGIES



SaaS



GPS & Telematics



IoT

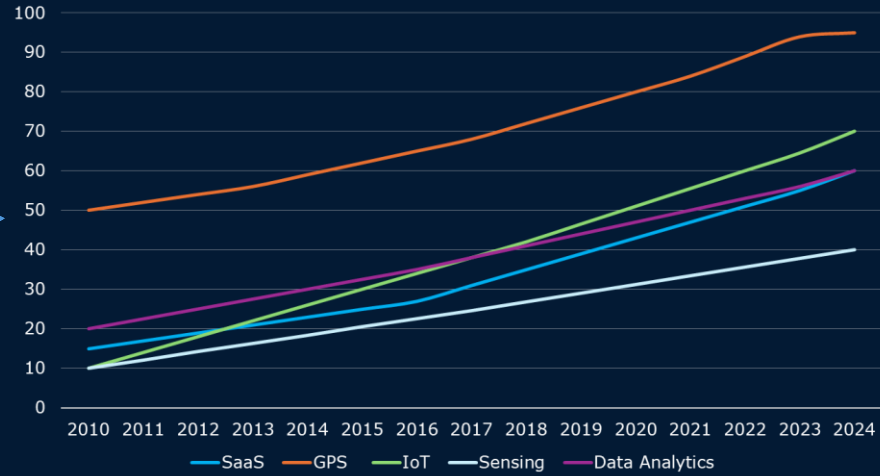


Sensing & ADAS

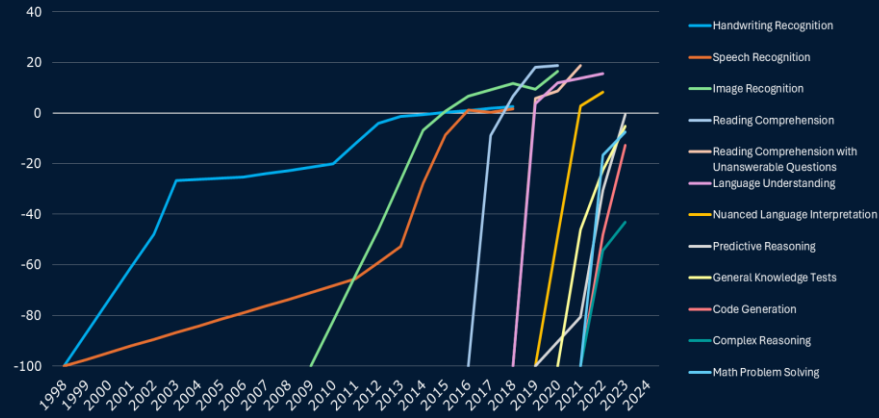


Data Analytics

Core Technology Adoption



Test Scores of AI Systems (relative to human performance)



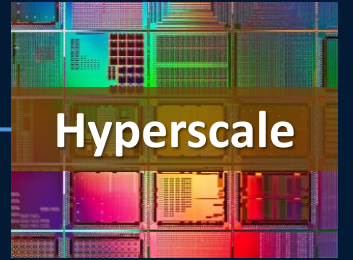
AI/AGI



Quantum



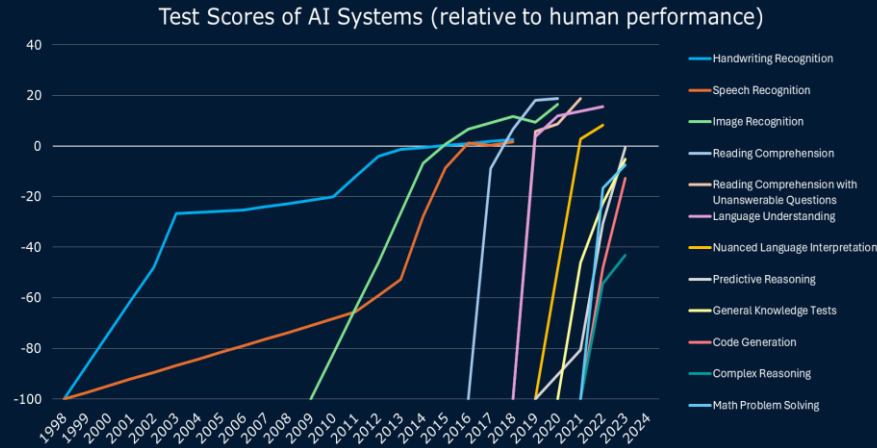
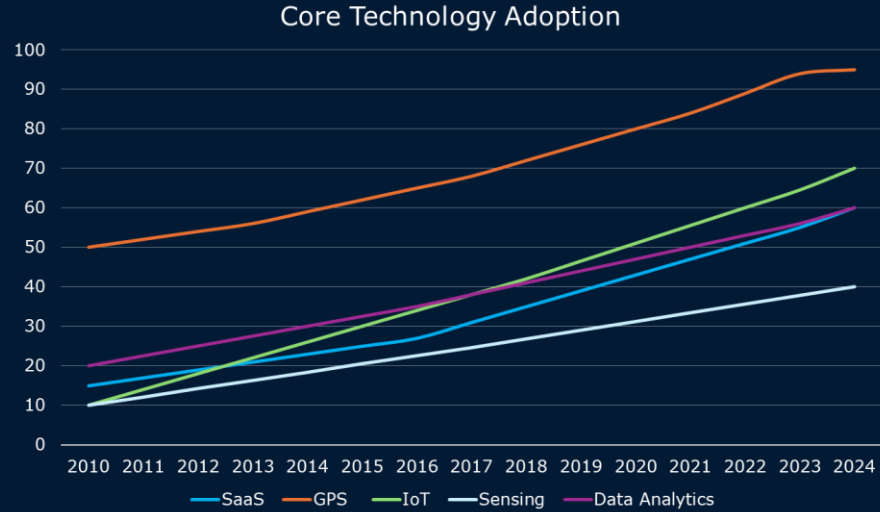
Autonomy



Hyperscale

CORE & TRANSFORMATIVE TECHNOLOGIES

**THIS GROWTH IS VISIBLE
AND PREDICATABLE**



**THESE CHANGES ARE ALMOST
INVISIBLE UNTIL THEY
CHANGE EVERYTHING
OVERNIGHT**

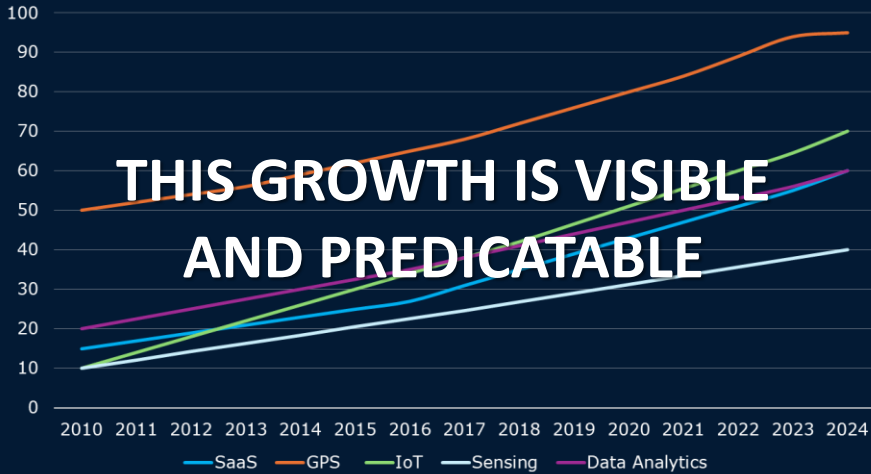
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HOW TO THINK ABOUT THESE DIFFERENT STATES?

Core Technology Adoption

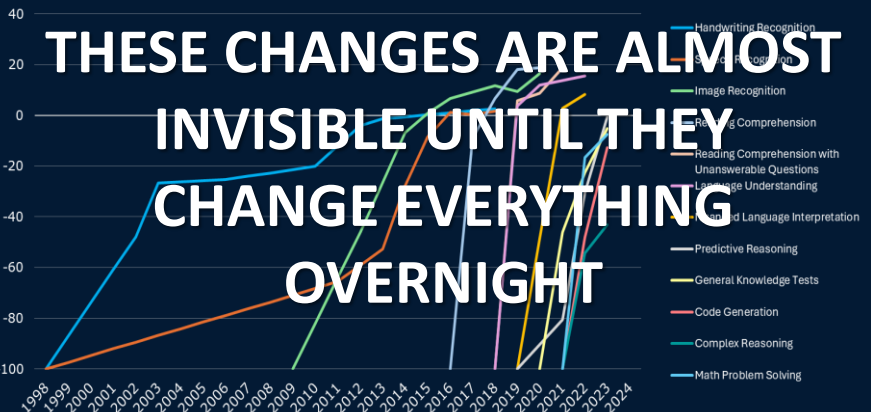


THIS GROWTH IS VISIBLE AND PREDICATABLE



INTEGRATE, OPTIMIZE, SCALE

Test Scores of AI Systems (relative to human performance)



THESE CHANGES ARE ALMOST INVISIBLE UNTIL THEY CHANGE EVERYTHING OVERNIGHT



SEE AROUND CORNERS

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SEE AROUND CORNERS

The New Science of Seeing Around Corners

15 |

Computer vision researchers have uncovered a world of visual signals hiding in our midst, including subtle motions that betray what's being said and faint images of what's around a corner.





TITLETOWN**TECH**

SUPPLY CHAIN
PERSPECTIVE

TRANSPARENCY



TRUST



ON-DEMAND
INTELLIGENCE



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FREIGHT INTELLIGENCE PLATFORM



The screenshot shows the genlogs web application interface. It features a map of the United States with green lines representing carrier routes. A sidebar on the left shows search filters for 'Portland, Maine' and 'Harrisburg, Pennsylvania' with a radius of 50 miles. A list of carriers is displayed, including 'R H CRAWFORD INC' and 'AAA FREIGHT INC'. A detailed view of 'R H CRAWFORD INC' is shown, including its USDOT and MC numbers, power units, match score, and company information. A terminal window at the bottom shows a curl command and the resulting JSON response for a carrier recommendation.

```
curl -L 'https://api.genlogs.io/carrier/recommendation?origin=43.6590993%2C-70.2568189&destination=40.2731911%2C-76.8867008&fleet_size=0-1000'
```

```
"recommendations": [  
  {  
    "add_date": "01-JUN-74",  
    "bipd_insurance_on_file": 1000000.0,  
    "cargo_insurance_on_file": 5000.0,  
    "carried_cargo": "General Freight | Metal: sheets, coils, rolls | Logs, Poles, Beams, Lumber | Building Materials | Machinery, La  
    "carrier_driver_oos_rate": 3.609154929577465,  
    "carrier_driver_oos_rate_national_avg": 5.51,  
    "carrier_score": 0.31066290170178096,  
    "carrier_score_scaled": 0.9730997807460334,  
    "carrier_total_power_units": 425.0,  
    "carrier_vehicle_oos_rate": 26.42276422764228,  
    "carrier_vehicle_oos_rate_national_avg": 20.72,  
    "dba_name": "WEST MOTOR FREIGHT",  
    "dot_number": "113693",
```

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SAFETY + SECURITY

Don't let freight theft keep you up at night

Answer the who, what, where, when, and why

Find out who is here, what is on the truck, where are they going, when did they arrive, and why are they here?

See How

With Renaissant, you get:

- Consensual biometric driver validation
- Verification of the carrier and broker
- The full history of all load and asset moves tracked
- 54% reduction in yard foot traffic
- Security workflows to handle potential fraudulent and serious situations

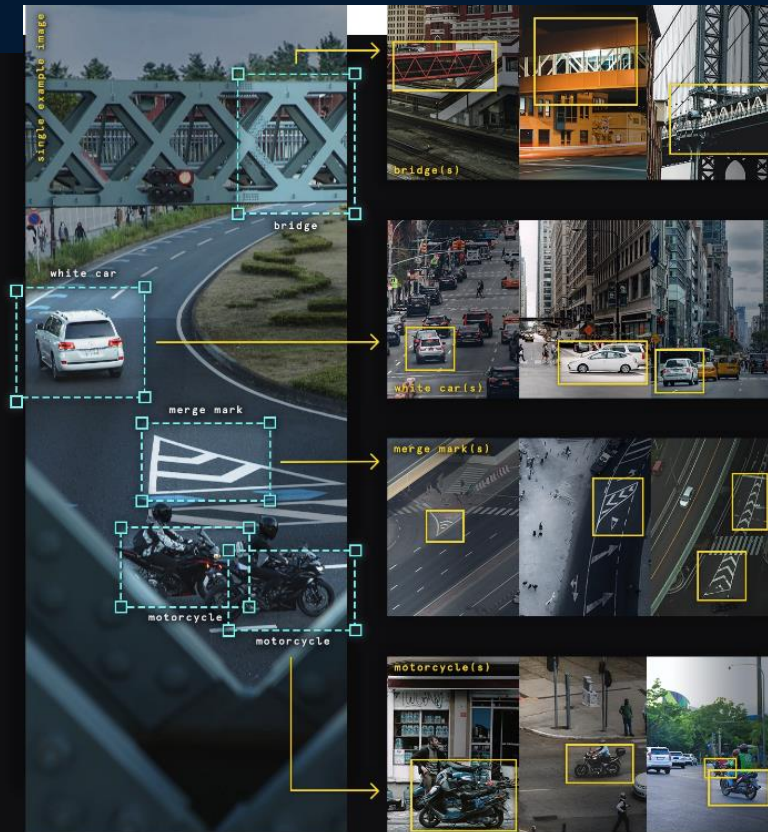
 RAIC LABS

The new standard of intelligence.

The days of labeling data by hand over weeks, months, or even years are gone.

RAIC is an end-to-end AI pipeline that automates the analysis of a variety of large, unstructured datasets, from security camera footage to geospatial imagery. You can ingest, search, and categorize your data - build and train models - run inference - and integrate or access RAIC through cloud-hosted APIs.

Integrate RAIC into your current workflows today to exponentially accelerate your speed-to-insight.



WHAT DOES IT FEEL LIKE TO STAND HERE?



SaaS



GPS &
Telematics



IoT



Sensing &
ADAS



Data
Analytics



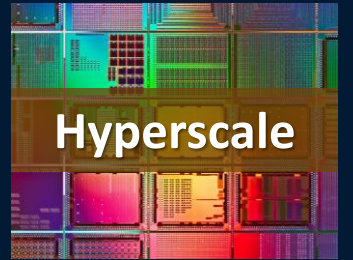
AI/AGI



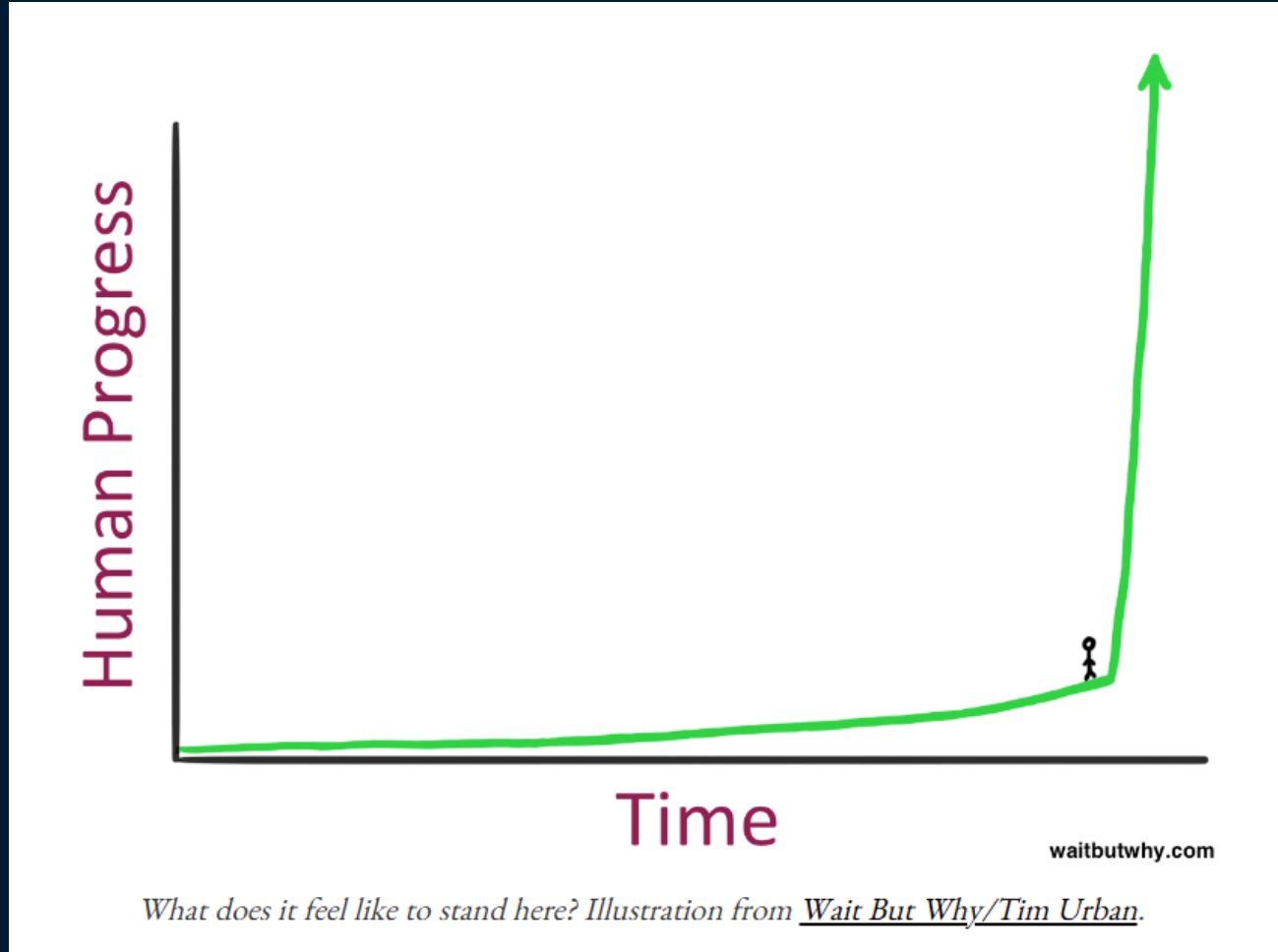
Quantum



Autonomy



Hyperscale



2024 TRANSPORTATION INNOVATION FORUM

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SaaS



GPS &
Telematics



IoT



Sensing &
ADAS



Data
Analytics



AI/AGI



Quantum



Autonomy



Hyperscale

The worse thing to miss is an
exponential curve.

Jason Zander
Chief Technical Advisor, TitletownTech

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Managing Partner, TitledownTech

THANK YOU!