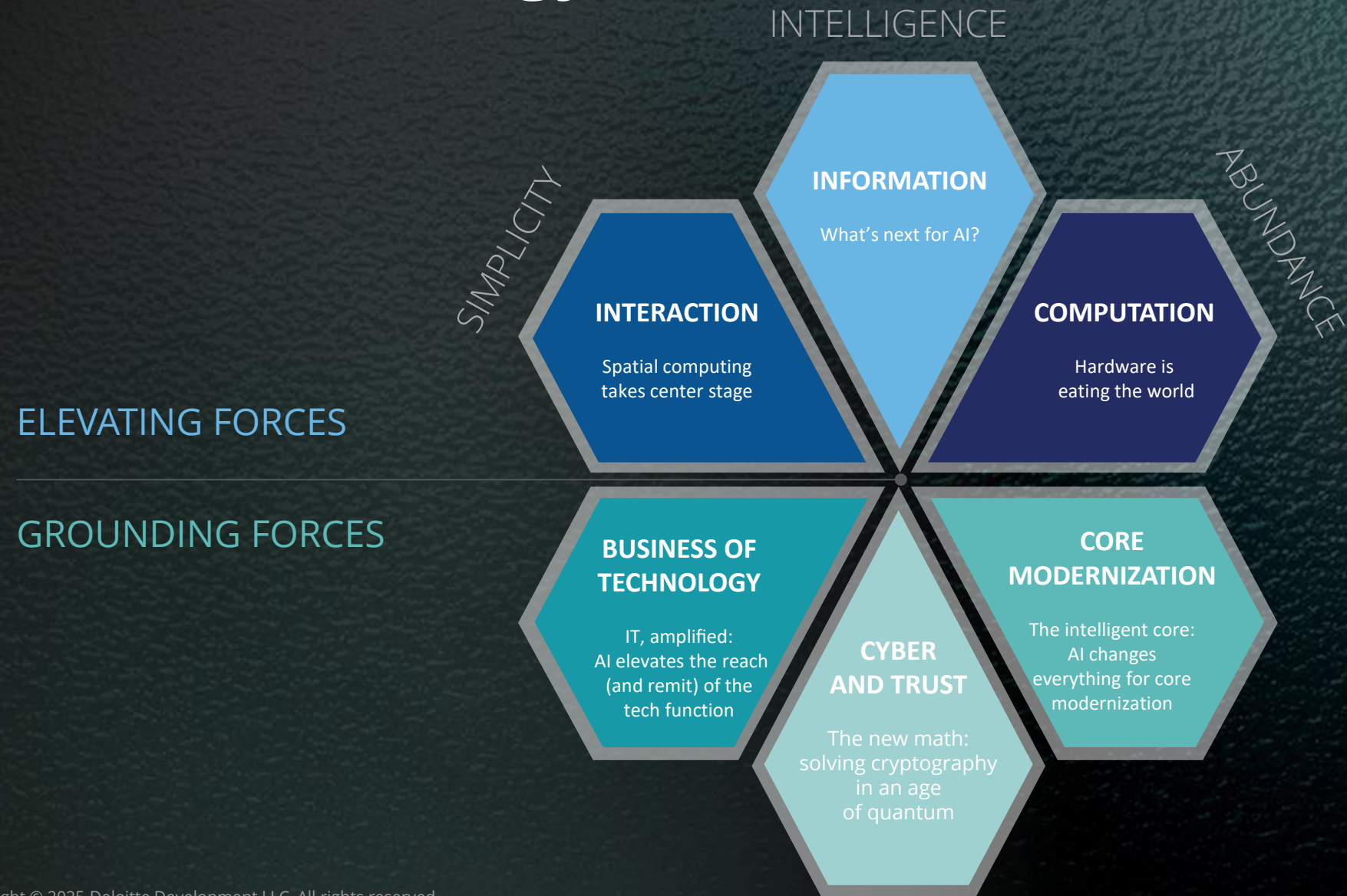


# Tech Trends 2025



# Macro Technology Forces





16<sup>th</sup> edition

# Tech Trends 2025

## ELEVATING FORCES



INTERACTION

### **Spatial computing takes center stage**

Exciting new use cases can reshape industries



INFORMATION

### **What's next for AI?**

Enterprises move beyond a one-size-fits-all approach



COMPUTATION

### **Hardware is eating the world**

The promise of AI depends on more than software

## GROUNDING FORCES



BUSINESS OF TECHNOLOGY

### **IT, amplified**

AI elevates the reach (and remit) of the tech function



CYBER & TRUST

### **The new math**

Solving cryptography in an age of quantum



CORE MODERNIZATION

### **The intelligent core**

AI changes everything for the core

## INTERACTION

# Spatial computing takes center stage

## NOW

Filled to the rim with sims

## NEW

Data is the differentiator

## NEXT

AI is the new UI



## Trend Lines

### SPORTS AND ENTERTAINMENT

#### **BENFICA**

This Portuguese soccer club uses computer vision and advanced simulations to track player motion and craft in-game strategies.

### MEDIA AND ENTERTAINMENT

#### **PARAMOUNT**

Paramount piloted using VR experiences to aid in the new-employee onboarding process, giving new hires and immersive experience that trains them on company values.



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INFORMATION

## What's next for AI?

**NOW** Getting the fundamentals right: data, data, & data

**NEW** Different horses for different courses

**NEXT** There's an agent for that



## Trend Lines

GOVERNMENT

### LIFT Impact Partners

Vancouver-based organization is fine-tuning chatbots on specific data to help new Canadian immigrants process paperwork, emphasizing the importance of training AI on the organization's persona, data, and culture for better performance.

TECHNOLOGY

### Databricks

Naveen Rao, VP of AI, believes more organizations will take a compound approach with AI: "In the same way we organize humans in the workplace, we should break apart our problems. SLMs can then address specific modalities of data, while other applications run calculations, and this compound AI system delivers the solution better than any one component could do alone."



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## COMPUTATION

# Hardware is eating the world

**NOW** Chips ahoy!

**NEW** Infrastructure is strategic, again

**NEXT** We were promised robots



## Trend Lines

### TECHNOLOGY

#### **HP Inc.**

HP has developed methods to share underutilized GPU resources across its enterprise, enabling on-demand computing acceleration. Alex Thatcher, senior director of AI PC experiences, predicts that the transition to AI-enabled devices will be as significant as the shift from command line inputs to graphical user interfaces in the 1990s.

### MANUFACTURING

#### **Mytra**

San Francisco-based startup is developing fully modular storage systems that can be manipulated by robots and optimized through software. Chris Walti, CEO, believes this modular approach unlocks automation for any number of unpredictable future applications: "It's one of the first general-purpose computers for moving matter around in 3D space."



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## Trend Lines

BUSINESS OF TECHNOLOGY

### IT, amplified

**NOW**

Spotlight (and higher spending) on IT

**NEW**

An AI boost for IT

**NEXT**

IT itself as a service



TECHNOLOGY

#### Google

Google is rolling out code assist tools to developers, ensuring human oversight for data privacy, compliance, and security. This approach allows closer alignment to business needs and impacts.



TECHNOLOGY

#### SWEAR

This security company has pioneered a way to verify digital media through blockchain, addressing the increased attack surfaces introduced by AI, such as phishing and deepfakes.



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CYBER AND TRUST

### The new math

**NOW** Cryptography everywhere

**NEW** Upgrading to a quantum-safe future

**NEXT** Leverage post-quantum cryptography to prepare for future threats



BANKING

#### JP Morgan

Developed a comprehensive cryptographic inventory to identify areas that need to be modernized to address the threat from quantum computers.

GOVERNMENT

#### NIST

This government agency developed a set of new cryptographic standards that will be exceptionally difficult for quantum computers to break and is supporting industry in making the transition.





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# Trend Lines

## CORE MODERNIZATION

### The intelligent core

**NOW** Businesses need more from systems of record

**NEW** AI augments the core

**NEXT** More automation creates opportunities—and potential risks



#### WHOLESALE DISTRIBUTION

### Graybar

This electrical and communications wholesaler is bringing AI to its product catalogues to supercharge sales and customer support staff, while driving new revenue.



#### SOFTWARE

### ServiceNow

This software company is developing AI agents that can autonomously manage wide swaths of enterprises' core systems.



# THANK YOU

## Deloitte.

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