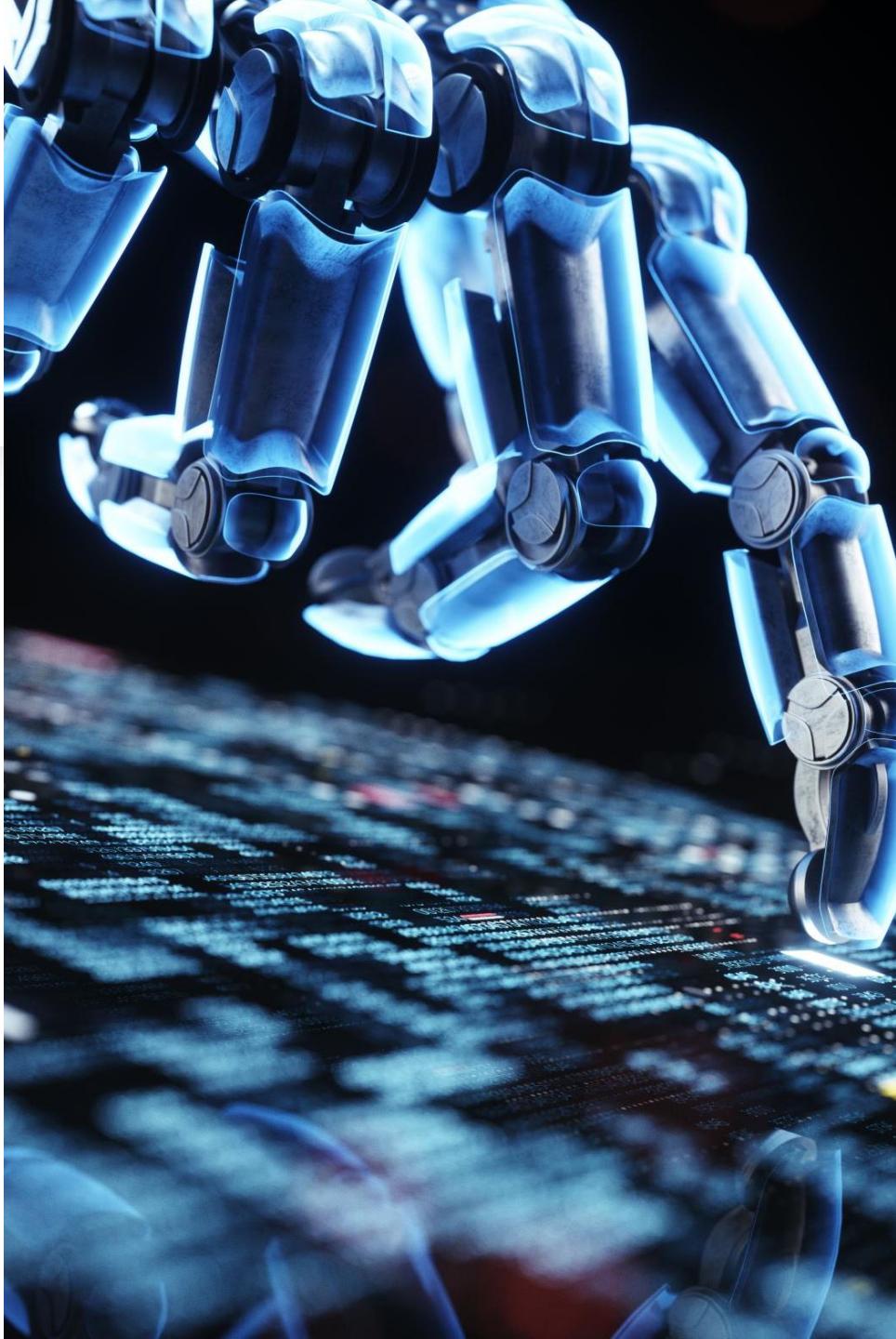


# MADT Expo

## 2025 Tech Trends

### Overview

- Themes: autonomous systems, human-machine collaboration, scaling challenges.



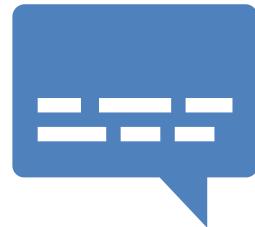
# Autonomous Systems

Robots and AI agents moving to real-world use cases.

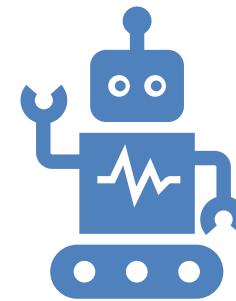
Agents handle planning, workflow execution, task breakdown.

2025 = Year of AI Agents.

# Human–Machine Collaboration



Multimodal input, voice copilots,  
haptics enable seamless UX.



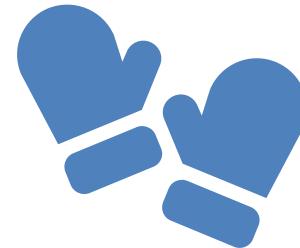
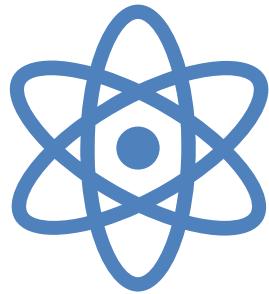
Shift from replacement to  
augmentation of humans.

# Infrastructure & Scaling Constraints

AI and immersive tech stress compute and data center capacity.

Need for scalable infrastructure and regulatory readiness.

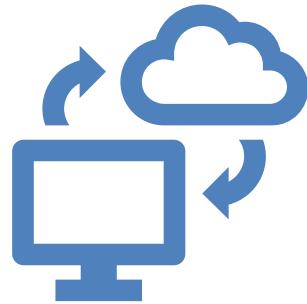
# Quantum Technologies



\$97B market potential by 2035, mostly from quantum computing.

2025 sees shift from lab to deployment (hardware, patents, error correction).

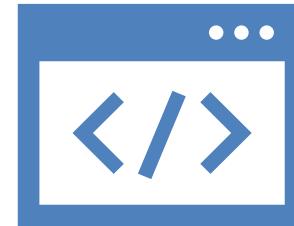
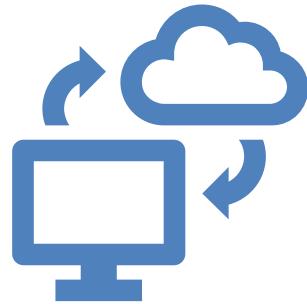
# Cloud, Edge & Connectivity



Cloud/edge adoption rising;  
expected to reach 80%.

5G/6G power high-speed  
immersive applications.

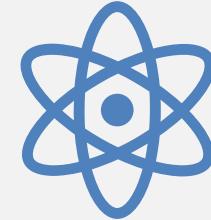
# Applied AI & Software Evolution



GenAI (~36%) and applied AI (~35%) are maturing.

Low-code/no-code platforms becoming mainstream.

# Cybersecurity & Trust



DIGITAL TRUST ARCHITECTURE AND  
CYBER-RESILIENCE VITAL (~30%  
ADOPTION).

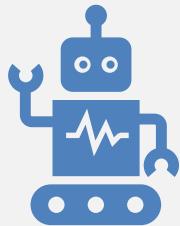
QUANTUM-SAFE COMMUNICATION ON  
THE HORIZON.

# Immersive & Bio-Technologies

Immersive reality,  
bioengineering,  
and robotics on  
the rise.

Changing work,  
design, and  
healthcare.

# Cross-Trend Synergies & Strategy



TECHS LIKE AI, CLOUD, ROBOTICS,  
QUANTUM ARE INTERDEPENDENT.

ECOSYSTEM READINESS = TALENT  
+ REGULATION + TRUST + INFRA.

# Strategic Takeaways



INVEST IN AI AGENTS AND  
QUANTUM  
INFRASTRUCTURE.



ENABLE SECURE,  
COLLABORATIVE, SCALABLE  
ECOSYSTEMS.



PRIORITIZE ECOSYSTEM  
ALIGNMENT AND  
REGULATORY AGILITY.

# Closing Thought

- 2025 = integrated, adaptive, trust-centric tech ecosystems.
- Not just new tools, but systems working together.