

Gartner®

Top Strategic Technology Trends **2023**



Bringing clarity to your tech priorities

Many business leaders expected by now to be focused squarely on postpandemic growth. Instead, most are now eyeing the threat of recession and managing the impact of persistent inflation, as well as dealing with crises in supply chain, energy sourcing and digital skills.

While the future is uncertain, your enterprise must still identify and commit to strategic outcomes and initiatives. Is your goal to save costs? Improve margins? Grow? Pivot to a reinvented business model?

Whatever it is, technology is key, but you have to know when and where technology trends will potentially have an impact. To help, Gartner provides an annual list of key technology trends that both business leaders and technologists should leverage in the next 36 months, whatever their business needs.

This eBook provides an overview of the trends and their opportunities, benefits and use cases — and some key actions for implementation.



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Gartner Top Strategic Technology Trends 2023

Optimize

- | | | |
|--------------------------------|--------------------------------|--|
| 1 Digital Immune System | 2 Applied Observability | 3 AI Trust, Risk and Security Management (AI TRISM) |
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Scale

- | | | |
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| 4 Industry Cloud Platforms | 5 Platform Engineering | 6 Wireless-Value Realization |
|-----------------------------------|-------------------------------|-------------------------------------|

Pioneer

- | | | |
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| 7 Superapps | 8 Adaptive AI | 9 Metaverse |
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| 10 Sustainable Technology |
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Viewing Technologies Through Strategic Goals

To clarify how these trends can drive value for you, start from the strategic objectives of your enterprise.

For example, Gartner research shows that 94% of CEOs want to maintain or accelerate pandemic-driven digital transformation. Consider, then, which technologies will be most relevant, while realizing that they don't all need to be implemented at once.

This view forms the beginnings of your strategic technology roadmapping process.

Technology Trends Likely on the Roadmap for Accelerating Digital

Sustainable Technology	AI TRiSM	Wireless-Value Realization	Industry Cloud Platforms	Digital Immune System	Platform Engineering	Superapps	Adaptive AI	Applied Observability	Metaverse
Now	0-1 year			1-2 years			2-3 years		
		●	●	●	●			●	

Technology Trends Relate to a Range of Enterprise Strategies

Choose your business goal ↓	Sustainable Technology	AI TRiSM	Wireless-Value Realization	Industry Cloud Platforms	Digital Immune System	Platform Engineering	Superapps	Adaptive AI	Applied Observability	Metaverse
	Now	0-1 year			1-2 years			2-3 years		
Create secure foundations		●	●		●	●		●		
Maximize value from data		●	●					●	●	
Protect and grow your brand	●	●			●					●
Attract and retain talent	●					●	●			●
Grow revenue	●			●			●			●
Accelerate digital			●	●	●	●			●	

Technologies Drive Much-Needed Business Outcomes

Optimize

Optimizing IT systems for greater reliability, improving data-driven decision making and maintaining value integrity of AI systems in production

Related Trends:

Digital Immune System
Applied Observability
AI TRiSM

Scale

Accelerating vertical offerings, increasing the pace of product delivery and enabling connectivity everywhere

Related Trends:

Industry Cloud Platforms
Platform Engineering
Wireless-Value Realization

Pioneer

Enabling business model change, reinventing engagement with employees and customers, and accelerating strategies to tap new virtual markets

Related Trends:

Superapps
Adaptive AI
Metaverse

Sustainable Technology