

Infographic: Top Strategic Technology Trends Review From 2020-2023

Published 22 February 2023 - ID G00780745 - 2 min read

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Initiatives: [Digital Future](#)

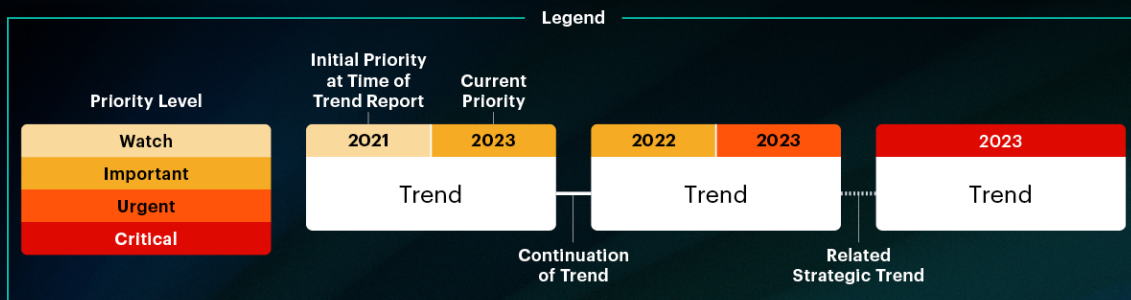
Thriving in times of intense economic and social volatility requires careful strategic planning of technology usage. IT leaders should not look at trends in isolation, but take a broader historic view of Gartner's trend publications to support future investments and strategic planning decisions.

Top Strategic Technology Trends Review From 2020-2023

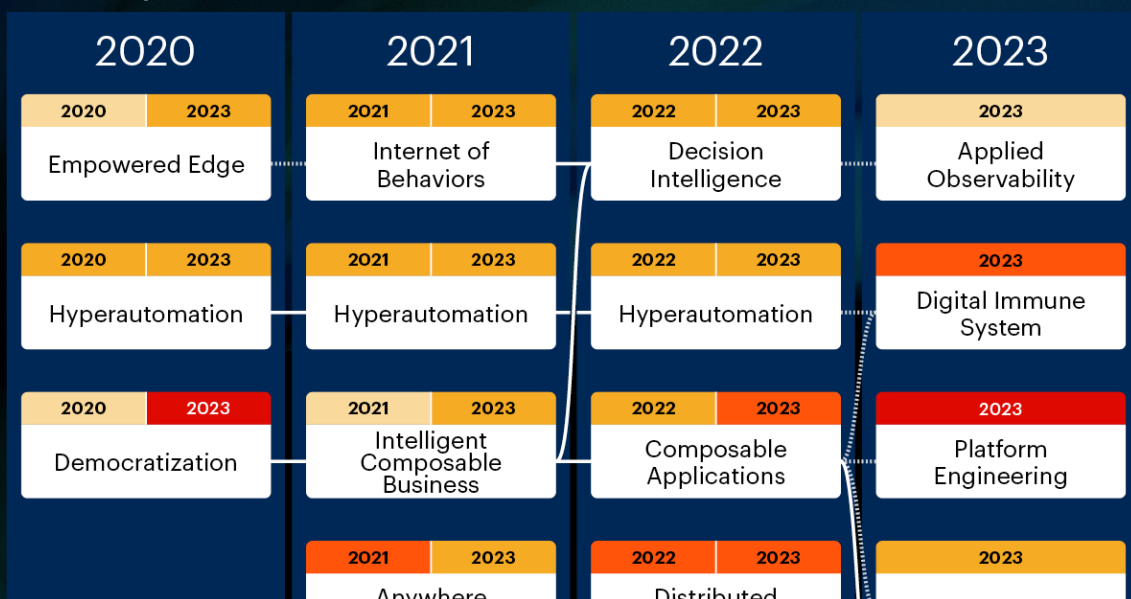
Gartner

Top Strategic Technology Trends Review From 2020-2023

IT Leaders and other executives must assess and act on strategic technology trends to thrive during intense economic and social volatility. Understanding how trends emerge and evolve or integrate with other trends over time gives critical context for developing a future-facing strategy.



Trends published in:





Recommendations

Strategic trends should be assessed from a combinatorial perspective. Independently strategic trends can improve efficiency, business and operational effectiveness, and generate innovative products and services. However, in combination they will drive resilience and growth while pioneering new products and services.

Overview

Every year in the last quarter of the year, Gartner has published Top Strategic Technology Trend reports we believe have the potential to impact every business over the next 0 to 36 months. We often find that individual technology trends become strategic in combination with others where they jointly reflect strategic shifts or developments in the use of technologies to deliver on strategic enterprise imperatives.

Every year the trends are selected across Gartner's complete portfolio of identified individual technology trends across the whole research community. We look for the combinatorial applications of technology that can have a strategic impact, which we identify as the strategic technology trend. In that analysis we also revisit last year's strategic trends to determine if they are as important as we assessed the year before, and if, compared to other strategic trends, they are among the top 10 for the coming year. We often find that strategic trends or technologies within strategic technology trends have evolved and in combination with upcoming technologies reflect a more current strategic trend. We also find that some strategic trends remain strategic with the same technologies and continue to be part of the top 10 for the next year.

Our Top Strategic Technology Trend reports refer to previous years' trends and their evolution; however, we had not yet provided an overview of the evolution of strategic technology trends over multiple years. How important are the trends from three, two or one year ago in today's time? How have they evolved? Have they evolved or maybe, like hypes, they have completely dropped off our corporate radars, at least from a strategic perspective?

This infographic provides an overview of the top strategic technology trends of 2020, 2021, 2022 and 2023. For each trend, it indicates the priority it had at the time of introduction and what the priority to act upon is in 2023. Some trends were set to “watch,” as they have major potential and developments at the time indicate a strategic impact. Some trends were set to “important,” as the impact is more major and requires a response sooner. Some trends were set to “urgent” to reflect the need to act now and at least prepare to mitigate risks or retain competitive parity. Finally, some trends were set to “critical” to indicate the need to act now to address major risks or to realize competitive differentiation.

[Download the Infographic here.](#)

Evidence

Every year Gartner publishes a list of top strategic technology trends. This infographic links this year’s top trends to past years’ trends to provide context on the emergence, divergence and evolution of previous years’ trends of many of the top strategic trends in 2023.

Recommended by the Authors

[Top 10 Strategic Technology Trends for 2020: A Gartner Trend Insight Report](#)

[Top Strategic Technology Trends for 2021](#)

[Top Strategic Technology Trends for 2022](#)

[Top Strategic Technology Trends for 2023](#)

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