

# Device Trends: 2023 Outlook

## How will trends in devices affect Tech and Telecom product strategy?

The 2023 Consumer Electronic Show (CES) highlighted key developments in the device market anticipated over the next year, including advances in virtual reality, neuro-tech, artificial intelligence, and batteries.

## Virtual Reality (VR)

VR has historically been a strictly visual experience, but new innovations in haptic feedback technology offer more immersive experiences.



### Neurotech

Neurotech is an emerging technology lacking a standard accepted format across the market, opening the door for new applications to emerge and compete for dominance as the industry develops.



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Low-code or no code healthcare technologies

Automated scheduling based on priority of patient

# **3D** Printing

Innovations in 3D printing are moving beyond basic plastic products and enabling the printing of new, increasingly complex objects.



Circuits and Electronics

Companies are printing functional circuit boards and other electronics that meet the heat and durability standards of traditional electronics.



Organic Tissue

Companies are beginning to print organic tissue (i.e., cartilage, bones) that can be used in grafts and transplants. The goal is to print fully functional, transplantable organs.

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#### Heavy-Duty Metal Components

Companies are able to print car parts, engine components, and other metal objects due to advances in powdered metal and laser sintering.

# **Lithium-Ion Batteries**

Lithium-ion batteries have become the standard, but a limited supply of lithium may pave the way for new battery types to take over.



of the global grid market uses lithium-ion



price increase for lithium ion in 2022 due to limited global supply



gallons of water needed to mine 1 ton of lithium



• Can only be recharged a few times - currently researching

# Contact a member of the Altman Solon team to learn what these device trends mean for your product strategy.



batteries

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# About Altman Solon

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