



# 10 Breakthrough Technologies

Not all breakthroughs are created equal. Some arrive more or less as usable things; others mainly set the stage for innovations that emerge later, and we have to estimate when that will be. But we'd bet that every one of the milestones on this list will be worth following in the coming years.

ELLIOTT EARLS

Breakthrough	Availability
Magic Leap	1–3 years
Nano-Architecture	3–5 years
Car-to-Car Communication	1–2 years
Project Loon	1–2 years
Liquid Biopsy	now
Megascale Desalination	now
Apple Pay	now
Brain Organoids	now
Supercharged Photosynthesis	10–15 years
Internet of DNA	1–2 years