



EXTREME OPPORTUNITIES

Next-Gen Supercycle

A MOTLEY FOOL SERVICE

THE 5G REPORT

The “1,000% Club” – Winners from Past Wireless Megatrends



What is 5G?

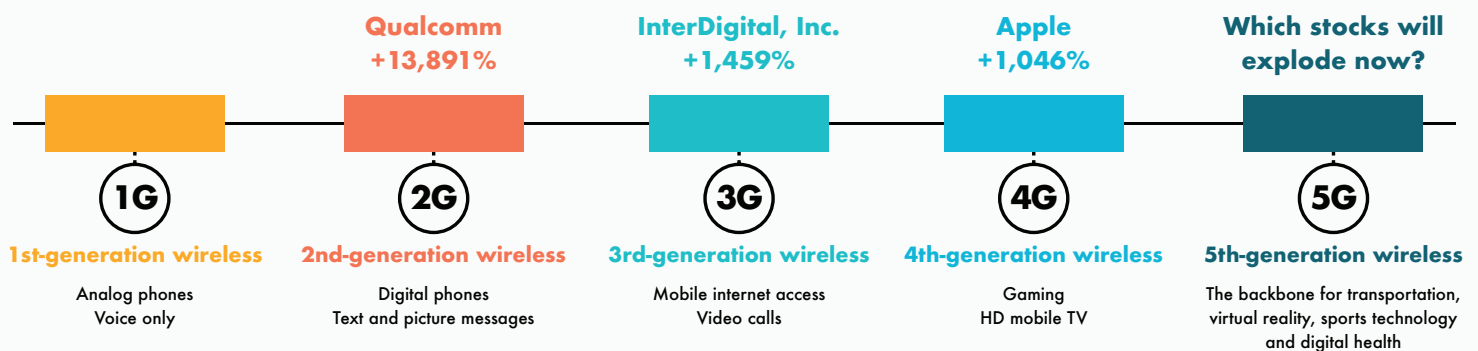
5G's name stands for fifth generation wireless technology. It promises speeds that could be up to 100 times greater than 4G and 26,000 times faster than 3G!

Beyond speed, 5G has the potential to transform wireless networks in the following ways.

- **1,000X** the bandwidth: Allowing vastly more data to flow through networks.
- **100X** the number of connected devices in a given area: Providing far more connections for Internet of Things applications
- Provide a latency that's **1/100th the time it takes the human eye to blink**: Which could be revolutionary for emerging technologies like Augmented reality.

This is *truly* a mind-blowing, next-generation technology... But the question is, what kinds of returns could investors have discovered in past wireless transitions?

Introducing: The "1,000% Club" – winners from past mobile eras!



Second Generation – 2G Technology

Qualcomm (Nasdaq: QCOM) 27,871%

How much is inventing the technology behind wireless networks worth? In the case of Qualcomm, it has led to 27,871% returns since 1991!

Across that time the company has grown revenues from \$89.9 million to \$24.7 billion, and profits now clock in at \$4 billion annually.

Qualcomm has created such fortune-changing wealth thanks to its creation of CDMA – a technology that allows wireless data to flow much more efficiently. Qualcomm's leadership in new wireless technologies has led to the company applying for more than 140,000 patents! To license Qualcomm's patents, companies pay a cut (*or, royalties*) on every phone sold!

Third Generation – 3G Technology

InterDigital (Nasdaq: IDCC) +1,459%

While you may have heard of Qualcomm, InterDigital is a 1,000%+ winner of the 3G era that many investors have simply never heard of!

Like Qualcomm, InterDigital focuses on the R&D side of new wireless technologies. The company has been building out a deep portfolio of patents in areas like the Internet of Things, autonomous vehicles, and drones.

Between 2001 and 2006 the company saw incredible growth as 3G expanded. Its sales from licensing patents and technology soared from \$52.6 million to \$480.5 million in just five years, leaving investors who'd invested early with game-changing returns!

Fourth Generation – 4G (LTE) Technology

Apple (Nasdaq: AAPL) +2,038%

4G – or LTE – saw the rise of mobile networks fast enough to support gaming and HD video. The enhanced capabilities of LTE networks helped fuel a massive boom in smartphone sales.

During this era, Apple came to be one of the most dominant companies on Earth, but a look across technology reveals even more winners. For example, Netflix and is more than 20,000% returns since first recommended by The Motley Fool saw *massive* tailwinds from LTE enabling streaming on the go!

Fifth Generation – 5G Technology

“1,000% Club” Members from this trend: TBD

5G technology is just beginning its own era. What stocks could emerge as new members of the “1,000% Club?” Below you'll find some key industries and trends to watch:

- **Internet of Things:** While there are 3.5 billion smartphones in use today, its projected that connected devices of all kinds could hit 41.6 billion by 2025 as 5G networks are built out worldwide.
- **Next-Generation Manufacturing:** 5G has the potential to deliver more artificial intelligence and “edge computing” to factories across the world.
- **Self-Driving Cars:** 5G is poised to be a crucial technology in connected cars sharing data and communicating with one another (vehicle-to-vehicle, or V2V technology)
- **Infrastructure buildout:** Its estimated that 800,000 new “small cell” sites will be required in the US to complete a 5G buildout. Overall, with 5G infrastructure costs projected at \$275 billion in just the US alone, there's A LOT of money being spent on scaling 5G.
- **Semiconductors:** Faster data speeds requires more advanced processing, filtering, and many other ways of capturing the 5G boom!

Bottom line: As you can see from the chart below, 5G is a potentially economic-wide disruption. To learn more about our complete game plan for investing in its growth across the years to come, simply [click here](#) to access your *Next-Gen Supercycle* invitation.

5G-ENABLED SALES BY INDUSTRY

● Share of industry sales ● Sales (\$bn)

