

## ACCELERATING TECHNOLOGY <br> Advances in technology are happening exponentially, building on each other and rapidly changing the world.

(0. MOORE'S LAW OVER TIME

Increasing processing power

VISUALIZING
ํ.

THE SHRINKING TIMELINE OF TECHNOLOGICAL BREAKTHROUGHS


RAPID GROWTH ACROSS TECHNOLOGICAL FIELDS
It's not just semiconductor devices
growth in multiple different sectors.
PERFORMANCE OF THE



MACHINE TO MACHINE CONNECTIONS

accumulated global data


MORE ADVANCEMENTS
(AND INVESTMENTS) ON THE HORIZON
SECTOR SHARE OF THE U.S. STOCK MARKET OVER TIME


TOTAL R\&D EXPENDITURE BY COUNTRY
BY PURCHASING POWER PARITY (PPP) AND PERCENTAGE OF GDP, us

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\operatorname{Actax}
$$

## SIGNAL $12>$ DECODE $>$ IMPACT

## INCREASINGLY CONSEQUENTIAL ADVANCEMENT

rechnology's momentum shows no signs of slowing down, and investors are focused on new opportunities. However, unchecked advancement

PERCEIVED BENEFITS AND CONSEQUENCES OF EMERGING TECHNOLOGIES

PERCENTAGE OF LEADERS WHO SAY TECHNOLOGYNEEDS BETIER GOVERNANCE
Based on a survey of 745 leaders in in usiness, government,
academia, and non-govermmental lo rganizations.

$\xrightarrow{\text { Benefits }} \quad 50 \quad 52$

TECH IPOs AND PROCEEDS IN THE U.S. Innovation and inve
in the tech sector.


 TECHNOLOGYSPENDING 2018-2023P
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TECHNOLOGY IS ADVANCING AT LIGHTNING SPEED.
It has become entrenched in both the market and society, with an almost endess array of applications.
While the sector creates promising opportunities for investors, it While the sector negative consequences. H . c w will we govern an
can ans have neg can also have negative
ever-changing future?

