



THE TECH LANDSCAPE OF THE 2020s:

A sunnier outlook at work than at home

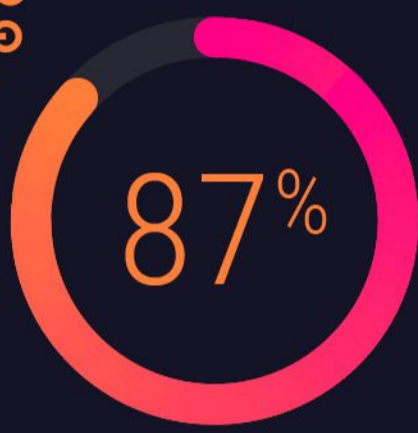
As ISACA celebrates its 50th anniversary, it is the ideal time to look to the future of technology and how technology-driven innovation will shape the new decade. ISACA surveyed more than 5,000 business technology professionals this year to gather their perspective on how the tech landscape of the new decade—the 2020s—will affect both the enterprise landscape and society more generally. For more resources related to this survey, visit www.isaca.org/next-decade-of-tech. For more on ISACA’s 50th anniversary, visit www.isaca50.org.

More optimism for workplace impact

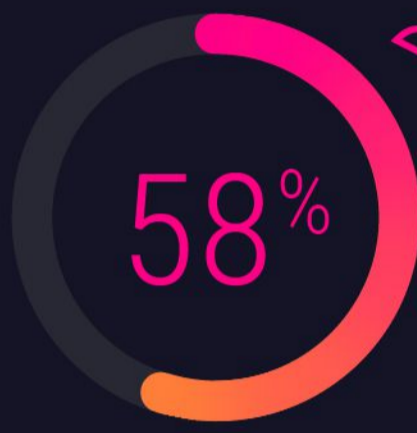


What’s fueling the optimism

ABOUT TECH CAREERS IN THE 2020s?



SAY AI/MACHINE LEARNING will have a major or moderate impact on enterprises’ profitability



THINK IT INDUSTRY PAY LEVELS will increase

AS MORE DIGITAL NATIVES ASCEND INTO LEADERSHIP ROLES, RESPONDENTS SAY:



NOTE OF CAUTION:



SAY IT IS LIKELY OR VERY LIKELY that enterprises will give ethical considerations around AI and machine learning sufficient attention



What’s prompting the concern

ABOUT TECH’S IMPACT ON SOCIETY IN THE 2020s?

Potentially malicious or errant uses of AI

Top five concerns:

- 1 Attacks on critical infrastructure
- 2 Social engineering
- 3 Autonomous weapons
- 4 Attacks targeting the healthcare sector
- 5 Data poisoning



Say the evolving regulatory landscape and emerging technologies will result in the **SAME OR LESS PRIVACY RIGHTS THAN PEOPLE HAVE TODAY**



Say it will become increasingly common for countries to **ATTEMPT TO “DISCONNECT” FROM THE GLOBAL INTERNET**

BUT ENCOURAGINGLY:



SAY SOCIAL ROBOTS WILL BE VERY USEFUL IN ASSISTING people with physical disabilities

