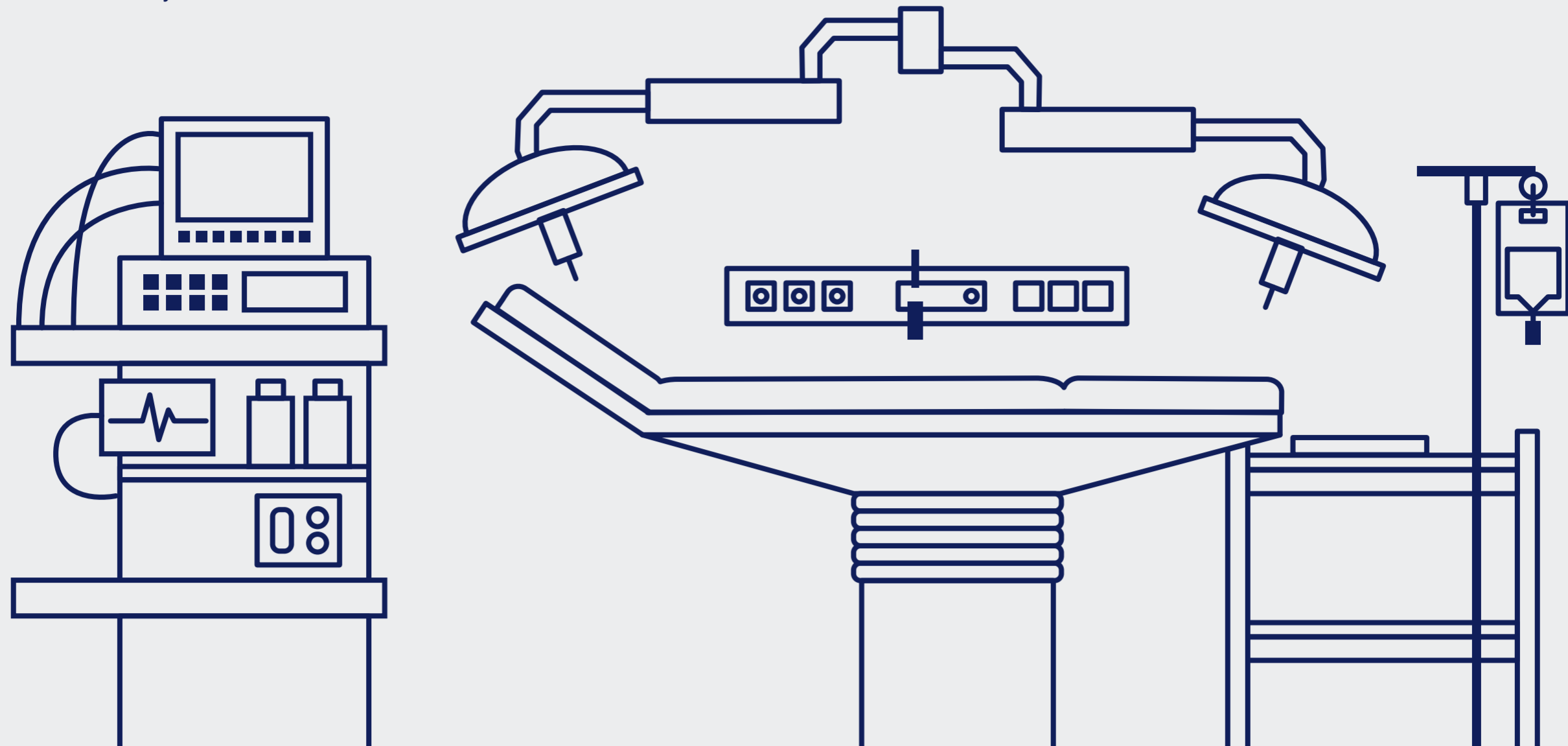


How vulnerable is the internet of medical things to cyber threats?



As the number of smart medical devices begin to grow, so does the cyber risk. Discover just how vulnerable your IoMT devices are.

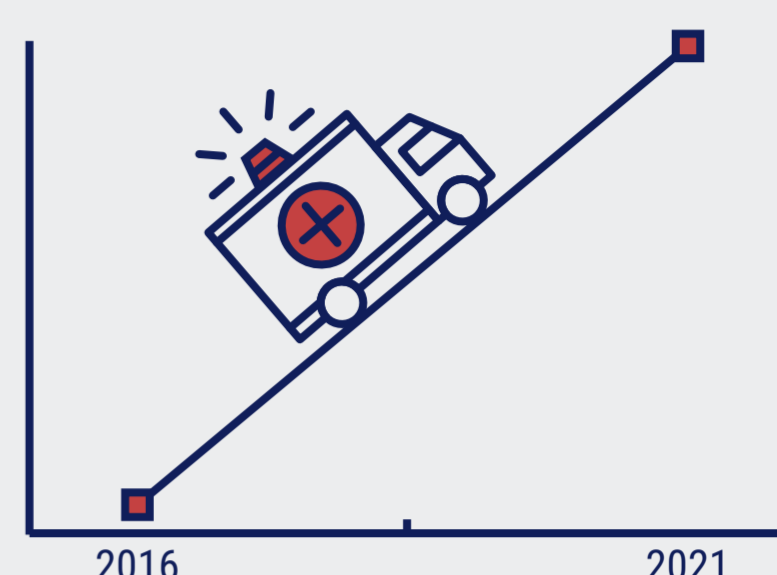


THE GLOBAL IOMT MARKET WAS WORTH

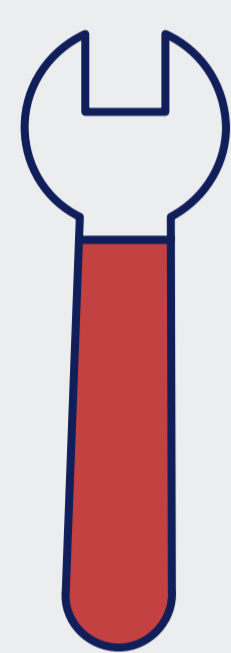
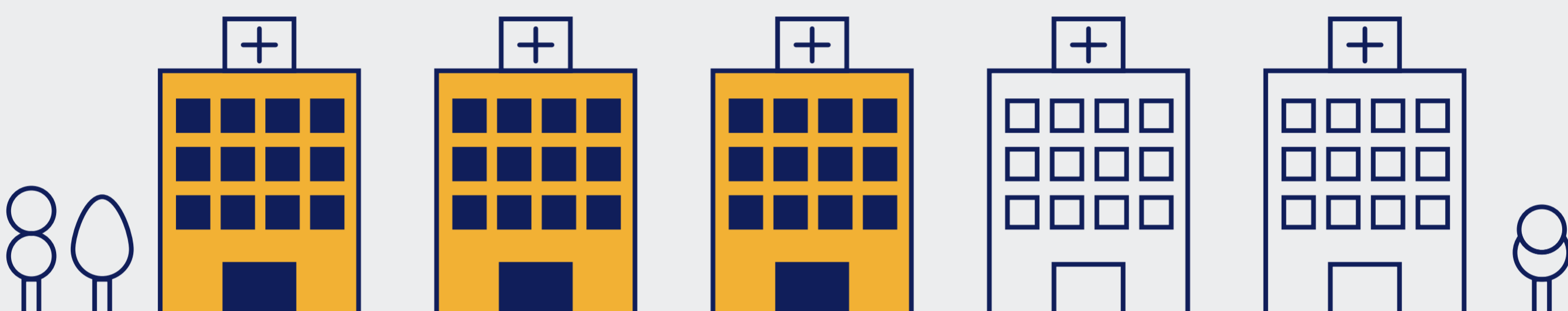
\$22.5 BILLION IN 2016;

IT IS EXPECTED TO REACH **\$72.02 BILLION** BY 2021

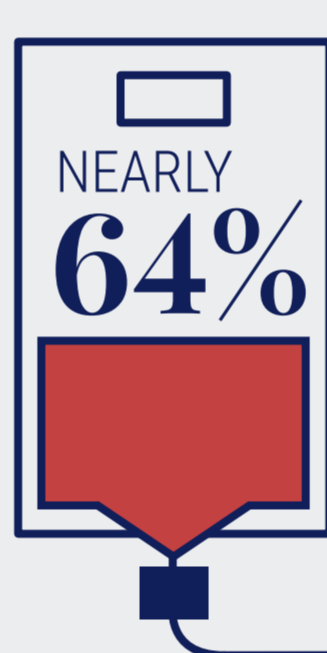
AT A COMPOUND ANNUAL GROWTH RATE OF **26.2%**



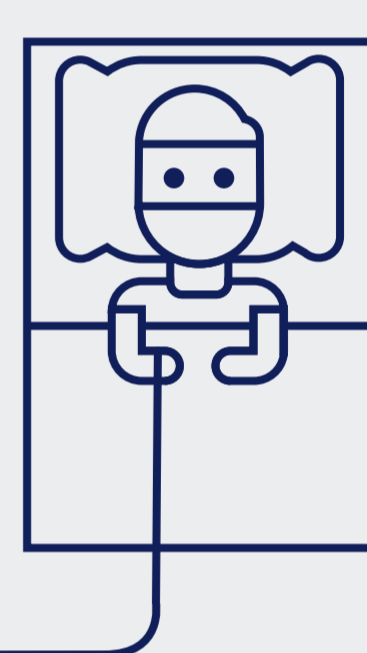
NEARLY **THREE in FIVE** HEALTH CARE COMPANIES NOW HAVE **IOMT DEVICES INSTALLED**



ABOUT **70%** OF HEALTH CARE ORGANIZATIONS UTILIZE IOMT TECHNOLOGY FOR **MAINTENANCE AND MONITORING PRACTICES**



NEARLY **64%** OF IOMT TECHNOLOGY USE IS DEDICATED TO **PATIENT MONITORING**



HOW MEDICAL PROVIDERS ARE REACTING:

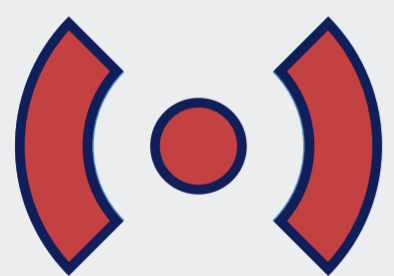


76%

OF PROVIDERS REPORTED THAT THEIR RESOURCES WERE **"INSUFFICIENT AND TOO STRAINED TO ADEQUATELY SECURE MEDICAL DEVICES."**

18%

OF PROVIDER ORGANIZATIONS REPORTED THAT THEIR MEDICAL DEVICES WERE AFFECTED BY **MALWARE OR RANSOMWARE IN THE PAST 18 MONTHS.**



89%

OF HEALTH CARE ORGANIZATIONS HAVE SUFFERED FROM AN **IOMT RELATED SECURITY BREACH.**

BY 2020, MORE THAN **25%** OF **CYBERATTACKS** IN HEALTHCARE DELIVERY ORGANIZATIONS **WILL INVOLVE THE IOT.**



COMMON IOMT ATTACK TYPES:

1. SIDE CHANNEL
2. TAG CLONING
3. TAMPERING DEVICES
4. SENSOR TRACKING
5. EAVESDROPPING
6. REPLAY
7. MAN-IN-THE-MIDDLE
8. ROGUE ACCESS
9. DENIAL OF SERVICE
10. CROSS-SITE REQUEST FORGERY
11. SESSION HIJACKING
12. CROSS-SITE SCRIPTING
13. SQL INJECTION
14. ACCOUNT HIJACKING
15. RANSOMWARE
16. BRUTE FORCE

While IoT technologies can improve patient care, they can pose serious risks when not properly secured. Reach out to Nuspire today to help minimize these vulnerabilities in your health care organization and ensure you're HIPAA compliant.

CONCERNED ABOUT YOUR ORGANIZATION'S SECURITY? LET'S TALK.