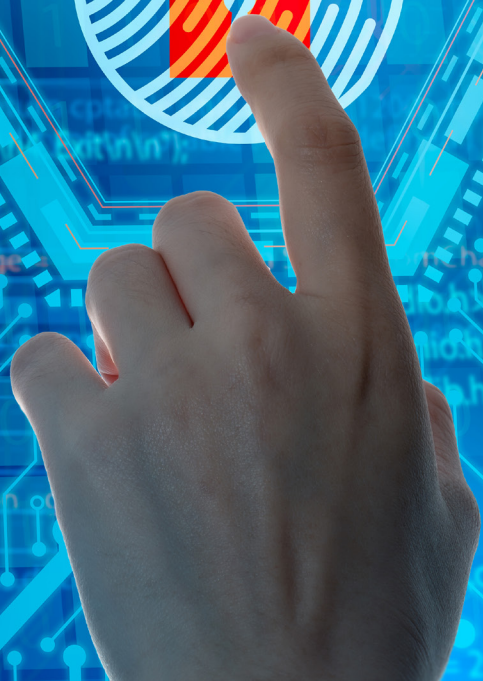# What is the anatomy of a ransomware attack?

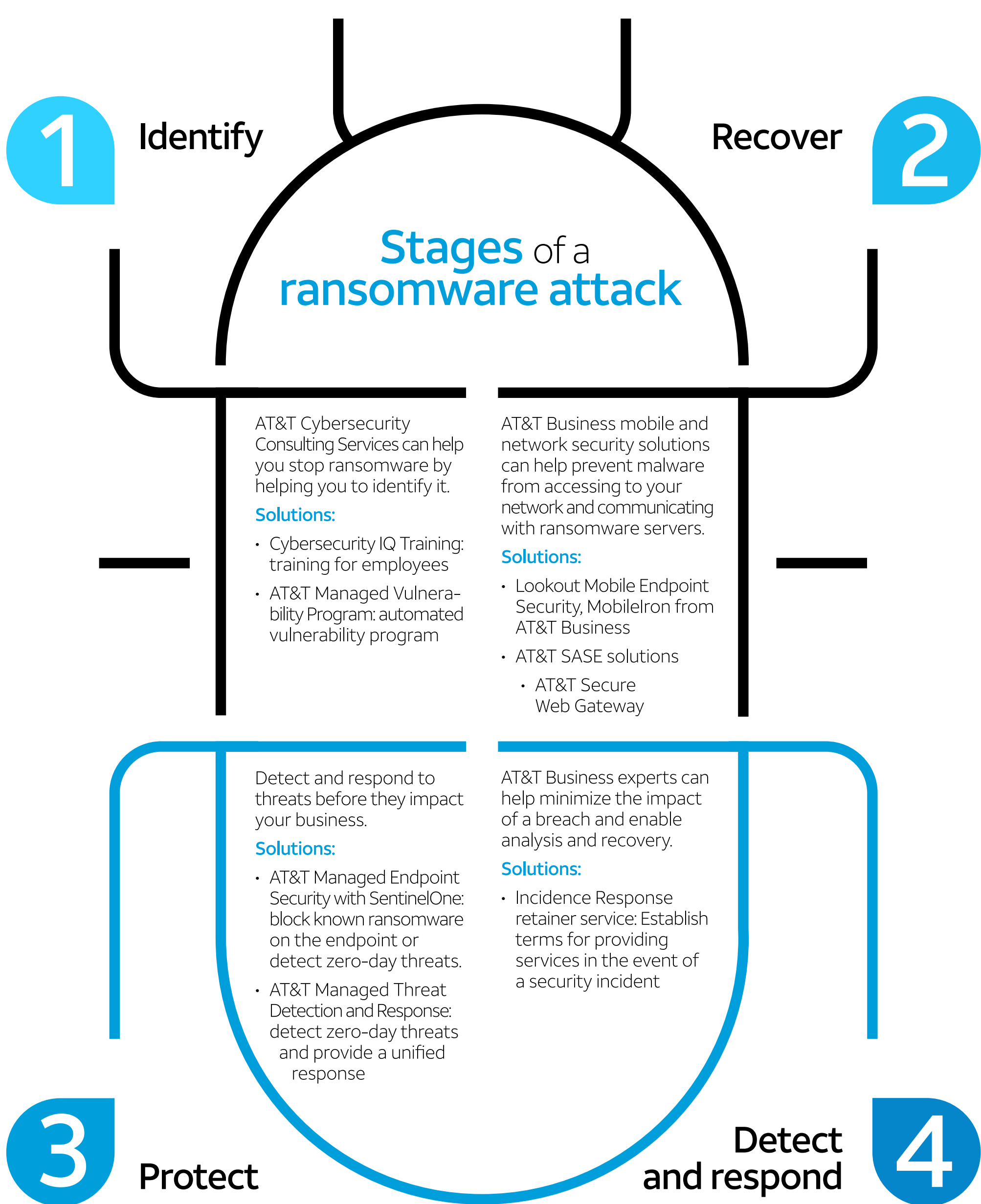Understand this growing threat so you can disrupt the ransomware attack and protect your business

Ransomware attacks are skyrocketing. Remote workers may access the company network through a less secure method, such as public or home networks. As a result, businesses with a hybrid workforce might be particularly vulnerable to these attacks.

More than

1/3

of organizations worldwide have experienced a ransomware attack or breach[1]

While the average ransom payment was almost a

1/4 million dollars,

a few large ransom payments (more than $1 million) skewed the average[1]

What is ransomware?

It's software. Cybercriminals target your business, trick you into downloading it, and then initialize the ransomware attack.

Stages of a ransomware attack

1 Identify

2 Recover

3 Protect

4 Detect and respond

AT&T Cybersecurity Consulting Services can help you stop ransomware by helping you to identify it.

Solutions:
- Cybersecurity IQ Training: training for employees
- AT&T Managed Vulnerability Program: automated vulnerability program

AT&T Business mobile and network security solutions can help prevent malware from accessing to your network and communicating with ransomware servers.

Solutions:
- Lookout Mobile Endpoint Security, MobileIron from AT&T Business
- AT&T SASE solutions
  - AT&T Secure Web Gateway

Detect and respond to threats before they impact your business.

Solutions:
- AT&T Managed Endpoint Security with SentinelOne: block known ransomware on the endpoint or detect zero-day threats.
- AT&T Managed Threat Detection and Response: detect zero-day threats and provide a unified response

AT&T Business experts can help minimize the impact of a breach and enable analysis and recovery.

Solutions:
- Incidence Response retainer service: Establish terms for providing services in the event of a security incident

Why AT&T Business?

Cybersecurity is complex. The threat landscape evolves quickly. Making the right security choices is critical. We reduce the complexity and cost of fighting cybercrime while enhancing the speed and strength of your response to network threats.

The products and services of AT&T Cybersecurity helps to make your network more resilient. To learn more, visit our cybersecurity page, learn about our cybersecurity consulting services, or **contact your sales representative.**

1 IDC Survey Finds More Than One Third of Organizations Worldwide Have Experienced a Ransomware Attack or Breach (August 2021)