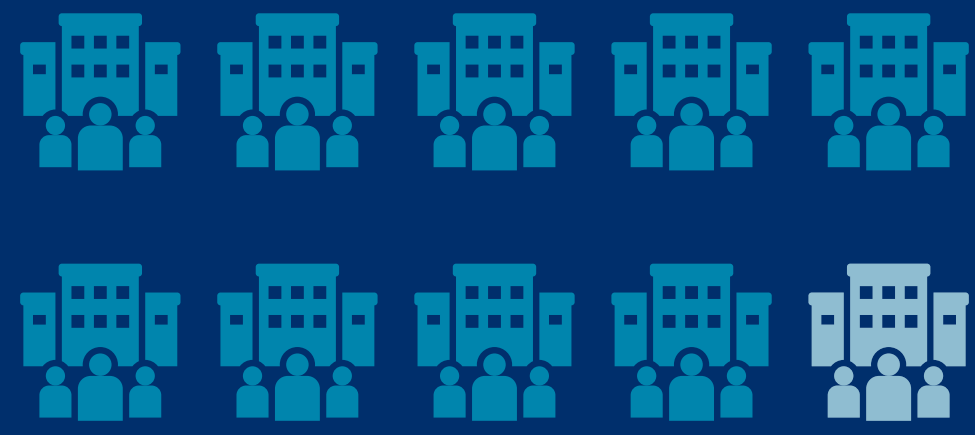


# The State of Industrial Cybersecurity

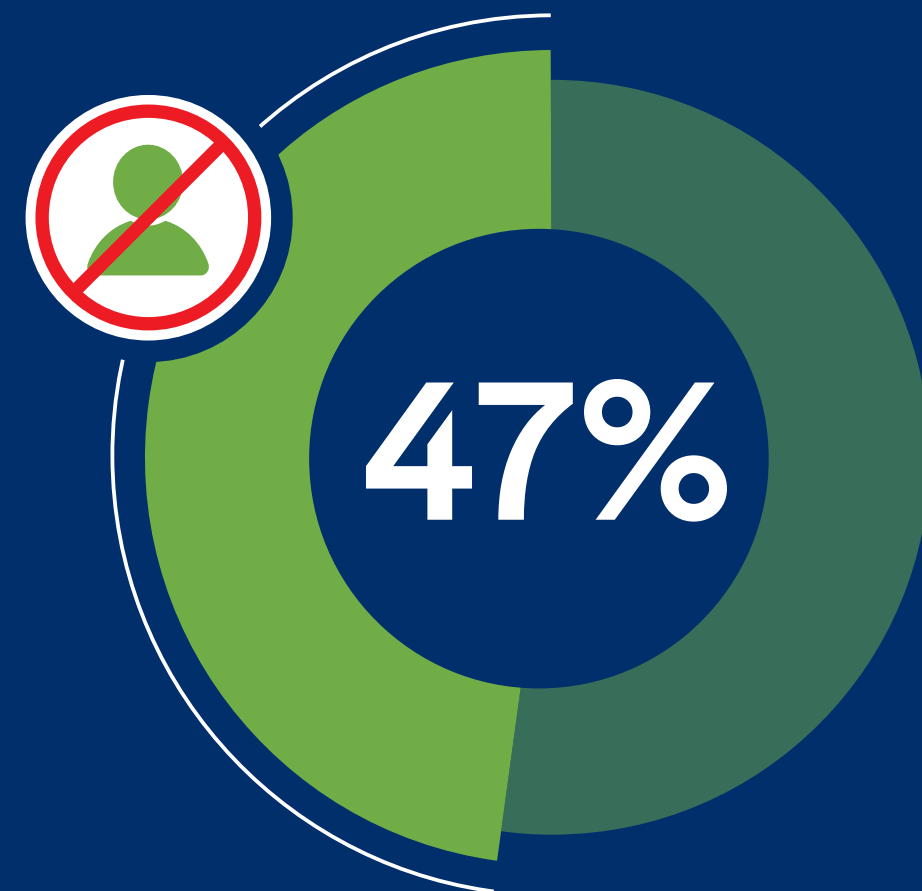
## Are You as Secure as You Think?



**9 out of 10**

Organizations with OT systems that have experienced a cyber incident in the past year

2021 The State of Operational Technology and Cybersecurity – Fortinet



Organizations without internal resources to manage OT/ICS incidents

2022 SANS Survey – Threat-Informed Operational Technology Defense: Securing Data vs. Enabling Physics



Success rate of external attackers penetrating ICS networks

Help Net Security—The cybersecurity of industrial companies remains low, potential damage can be severe, 2021



Organizations that don't have full visibility into their supply chains

Industry Week—Can't Turn Back Time: Cybersecurity Must Be Dealt With, 2017



Organizations that find it difficult to stop cyber attacks in time

Gartner—Market Guide for Managed Security Services, 2020



Organizations with IT teams monitoring OT systems and networks

A SANS 2021 Survey: OT/ICS Cybersecurity



Organizations with limited visibility of their control systems

2022 SANS Survey – Threat-Informed Operational Technology Defense: Securing Data vs. Enabling Physics



Organizations with control systems at high risk

2022 SANS Survey – Threat-Informed Operational Technology Defense: Securing Data vs. Enabling Physics

## Top 5 Challenges to Secure OT Systems

**#1**

Technical integration of aging OT and modern IT systems

A SANS 2021 Survey: OT/ICS Cybersecurity

**#2**

Lack of OT cyber professionals to implement security

A SANS 2021 Survey: OT/ICS Cybersecurity

**#3**

IT teams that don't understand OT system requirements

A SANS 2021 Survey: OT/ICS Cybersecurity

**#4**

Managing multi-vendor technologies

Dark Reading - 83% of Critical Infrastructure Organizations Suffered Breaches, 2021 Cybersecurity Research Reveals

**#5**

Ransomware groups developing code designed to attack critical infrastructure

CISA Alert (AA22-040A) 2021 Trends Show Increased Globalized Threat of Ransomware