

CYBERSECURITY for the
TRANSPORTATION
of the **FUTURE**

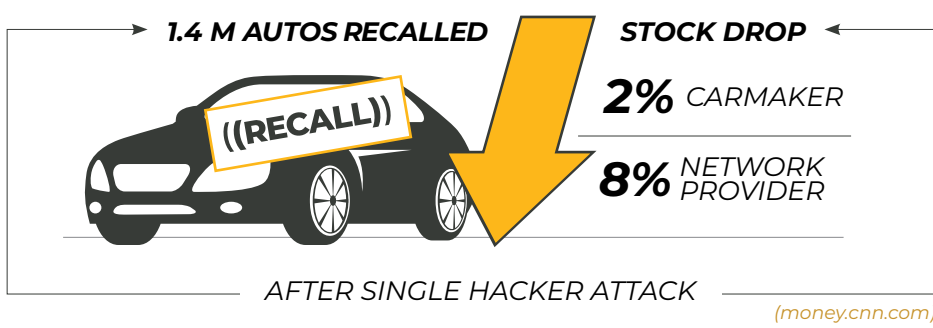
With ANSYS medini analyze for Cybersecurity



THE DIGITAL REVOLUTION HAS OPENED THE WORLD TO POSSIBILITY... AND VULNERABILITY.

Hacking wreaks havoc — on financial and physical well-being.

Driven by an uptick in attacks, the global cybersecurity market will reach USD \$267.73 B by 2024 = CAGR of 14.5% over 5 years. (reportlinker.com)



Plane engine forced to “climb” after onboard computer hacked via inflight entertainment system (wired.com)

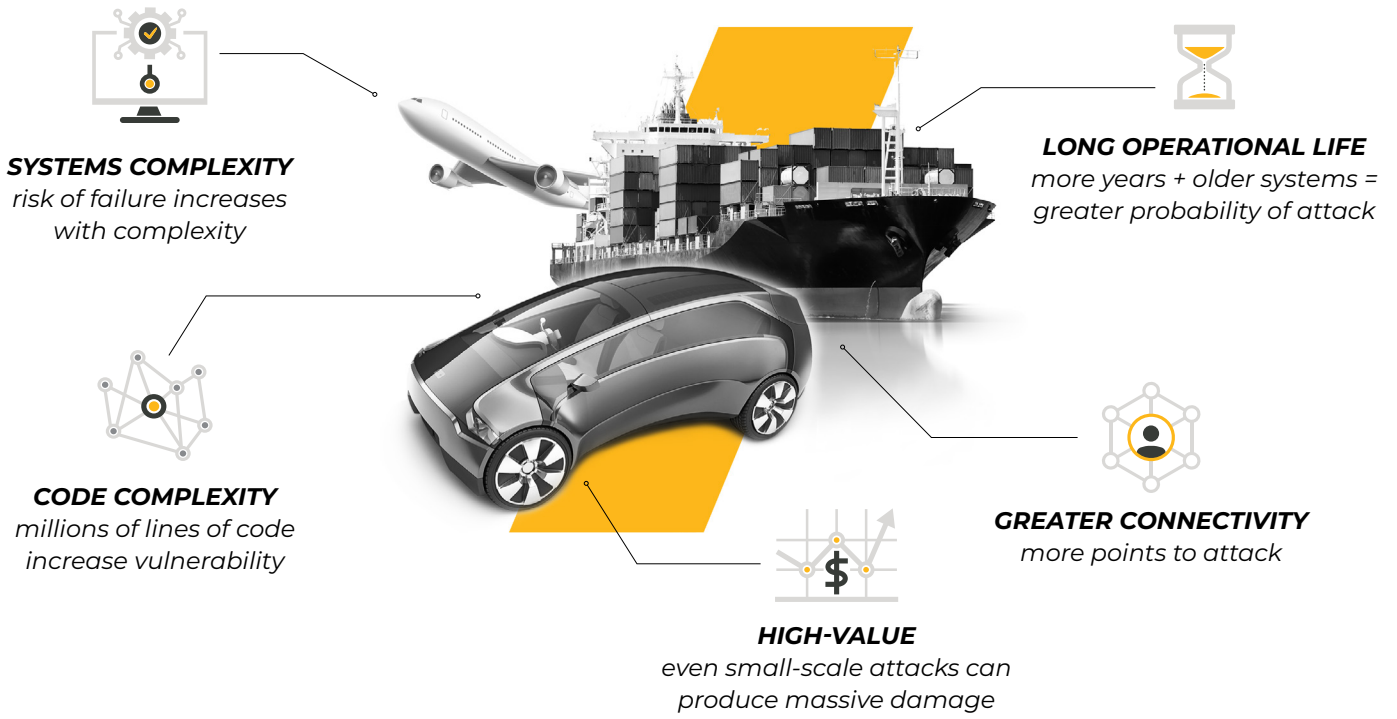


Research shows shipping vessels can be tracked, directed off course or capsized due to vulnerabilities (threatpost.com)



384% increase in total monetary damage from cyberattacks (statista.com)

Cars, planes and cargo ships are prime targets for cyberattacks for many reasons:



Hacker-proof cybersecurity requires high-quality threat analyses.

ANSYS medini analyze for Cybersecurity is a system-focused, cost-saving solution that reduces system security efforts and ensures compliance with cybersecurity standards.

It helps users:

- Identify system assets and their security attributes
- Systematically detect exploitable vulnerabilities
- Understand the impact of a potential attack and associated threats
- Estimate the likelihood of a threat
- Associate risk with each threat
- Plan/execute appropriate security measures based on identified risk
- Avoid over-engineering and underestimation

