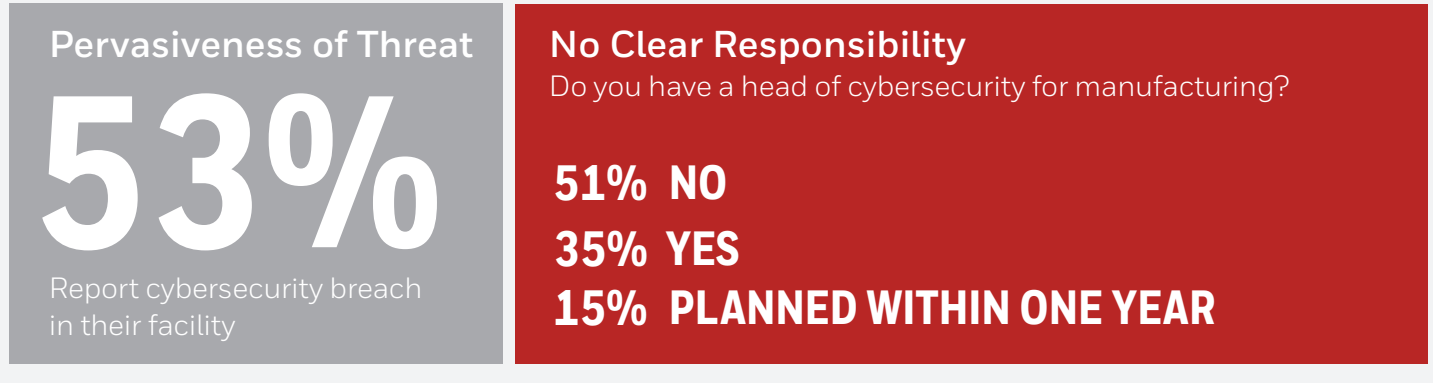


PROACTIVELY MEASURE, MONITOR AND MANAGE THE RISKS THAT MATTER MOST WITH ENTERPRISE-WIDE VISIBILITY

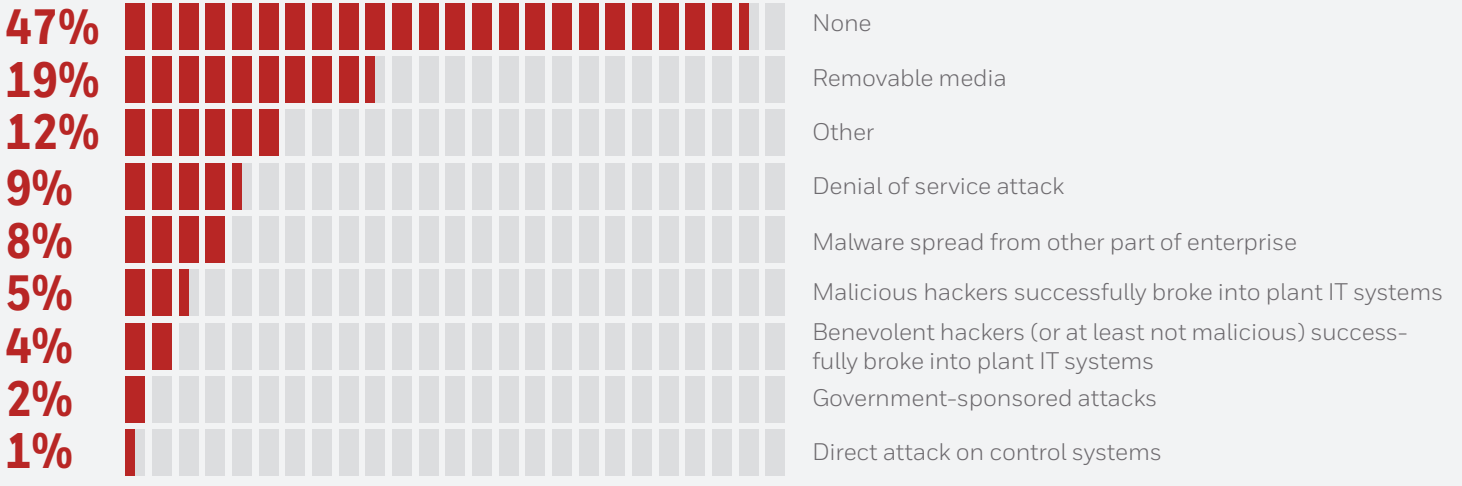
Industrial Cyber Security Risk Manager & Enterprise Risk Manager

CYBER ASSURANCE: A MASSIVE PROBLEM

Cyber threats to industrial control systems have rapidly emerged as a key risk to safety, efficiency and continued production across the process industries.



HAVE YOU HAD ANY PLANT CYBER SECURITY BREACHES? IF SO, FROM WHAT SOURCE?*



*% Total Respondents, n = 130
Source: Honeywell-sponsored LNS Research Study: Putting Industrial Cyber Security at the Top of the CEO Agenda

THE COST OF MANAGING CYBER RISK
Security breach costs are high and rising around the globe and especially in industrial sector

\$15.9 MIL.*
Cyber Attack: Production loss

\$1.2MIL **
Regulatory Non-compliance: Costly Penalties



*For a 16.8 downtime due to a denial-of-service attack (source: Cost of Cyber Crime Study, Ponemon Institute & Accenture, 2017, page 28.) at a 100mbpd refinery plant; estimated production loss calculated based on global refining margin of \$9.45/barrel (source: Q1/ 2017 gross refining margin average from four US major oil refiners in Market Realist report, Michelle Rey, Jul 14, 2017).
** Texas' maximum penalty for violation of oil and gas pollution is \$10,000 per day (source: Natural Resources Code Title 3 "Oil & Gas" Chapter 81, Railroad Commission of Texas www.statutes.legis.state.tx.us/Docs/NR/htm/NR.81.htm#81.0531). If the same attack results an uncontrolled chemical reaction leading to a 4-month long pollution situation, the same company may incur further liability of a regulatory fine up to US\$1.2mil.

EFFICIENCY GAINS: FROM 15 HOURS TO 15 MINUTES, \$18,000 A YEAR
But the right tools can save companies millions.

Manual process of monitoring & measuring cyber risk

Data collection (8 hours /month)	\$9,600
Data normalization (3 hours /month)	\$3,600
Data analysis (2 hours /month)	\$2,400
Data reporting (2 hours /month)	\$2,400
ANNUAL COST*	\$18,000

What can be done to convert these to savings?

Real time data collection	-\$9,600
At a glance dashboard with normalized data	-\$3,600
Visualized risk indicators with advisory guidance to remediate	-\$2,400
Easy reports & alert notifications	-\$2,400
ANNUAL SAVINGS*	\$18,000

*assumption: \$100 hourly rate

RISK MANAGER & ENTERPRISE RISK MANAGER, THE FIRST SOLUTION OF ITS KIND FOR INDUSTRIAL CONTROL SYSTEMS



MANAGE MULTI-SITE CYBER RISK WITH ENTERPRISE RISK MANAGER

The Enterprise Risk Manager offers powerful features to improve visibility, cut cost and simplify risk analysis and reporting across multi-sites.

