



# CYBER SECURITY AND THE ENERGY SECTOR

A malicious cyber attack on your company is a matter of when, not if

## WILL YOU BE READY?



**OIL & GAS IS THE #1**

**CYBER HACKING TARGET**



Cyber attacks against the energy sector grow in number, scope and severity each year



Most energy firms underestimate this threat at great risk to their bottom line



## MANAGE YOUR RISK

No one in the energy industry is immune from cyber hackers

## HOW VULNERABLE ARE YOU?

**61%**

increase in the number of cyber criminal groups targeting the energy industry<sup>1</sup>

**87%**

of natural resource companies had a cyber security breach in 2017<sup>2</sup>

**350**

cyber breaches were investigated by the Department of Homeland Security from 2011-15. The majority involved control system infiltration.<sup>4</sup>

**61%**

of energy industry cyber security specialists say their companies lack adequate protection<sup>3</sup>

**\$1.9 BILLION**

amount oil and gas producers in the Middle East and North Africa are expected to spend on cyber security in 2019<sup>2</sup>



**\$50 MILLION**

amount oil and gas producers in the United States and Canada spent on cyber security in 2017<sup>1</sup>



The energy industry devotes

**<0.2%**

of annual revenues to cyber security<sup>1</sup>



The financial services industry spends

**3X**

more on cyber security<sup>1</sup>

## HOW A CYBER ATTACK CAN DAMAGE YOUR BUSINESS

Hackers backed by foreign nation-states steal sensitive information by surreptitiously installing software on computer and servers, or tricking employees into giving it up



INDUSTRIAL ESPIONAGE



UNPLANNED DOWNTIME



WORKER SAFETY



NON-COMPLIANCE



CORPORATE REPUTATION



ENVIRONMENTAL CONTAMINATION



FINANCIAL LIABILITY

## PROTECT YOUR COMPANY

HID Global's® modern authentication solutions are customized for the energy industry and backed by decades of experience

**EASY TO IMPLEMENT**

**FAST TO DEPLOY**

Secure data and assets

Comply with industry and government regulations

Maintain business continuity

Limit financial liability

Learn more about HID's modern authentication solutions for oil & gas

**HIDGLOBAL.COM/ENERGY**

Powering Trusted Identities



SOURCES: <sup>1</sup>Naureen S. Malik, "Energy Companies Aren't Doing Much to Defend Against Soaring Cyberattacks," Bloomberg, bloomberg.com/news, (April 30, 2018). <sup>2</sup>Sony Shetty, "Gartner Says Middle East and North Africa Enterprise Information Security Spending Will Grow 9.8 Percent in 2019," Gartner, gartner.com/en/newsroom, (October 22, 2018). <sup>3</sup>Global Fraud and Risk Report: 10th Annual Edition," Kroll, kroll.com/en/insights, (2017-18). <sup>4</sup>Colin Eaton, "Hacked," The Houston Chronicle, houstonchronicle.com/news. ©2019 HID Global Corporation/ASSA ABLLOY AB. All rights reserved. HID, HID Global, the HID Blue Brick logo, the Chain Design, ActivOne are trademarks or registered trademarks of HID Global or its licensor(s)/supplier(s) in the US and other countries and may not be used without permission. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. 2019-07-03-iamc-cyber-sec-energy-sect-sols-ig-en PLT-04569