OTCSA

Operational Technology
Cyber Security
Alliance

For more information, visit
otcsalliance.org

MISSION:

Protect

1

Guide OT operators on how to protect their OT infrastructure based on a risk management process and architectures/designs that are demonstrably compliant with regulations and international standards

Improve

2

Strengthen cyber-physical risk posture of OT environments and interfaces for OT/IT interconnectivity

THE OTCSA MISSION IS FIVE-FOLD

Support

5

Support the procurement, development, installation, operation, maintenance, and implementation of a safer, more secure critical infrastructure

Accelerate

3

Accelerate the time to adopt safer, more secure critical infrastructure

Guide

4

Guide OT suppliers on secure OT system architectures, relevant interfaces and security functionalities

CYBER-ATTACKS ON OT INFRASTRUCTURE ARE ON THE RISE

90%

of OT organizations experienced at least one damaging attack in the last 2 years[1]

77%

of companies say they are likely to become a target of a cybersecurity attack in the OT/ICS space[2]

CURRENT STATE OF THE INDUSTRY

97%

acknowledge security challenges because of the convergence of IT and OT[3]

80%

of OT organizations have insufficient visibility into

17%

of organizations in oil & gas feel it is very likely that they would detect a sophisticated cyber attack[5]

WHAT'S AT RISK



FINANCIAL LOSS

REPUTATION DAMAGE

ECOLOGICAL LOSS

LOSS OF LIFE

THE OT CYBER SECURITY ALLIANCE

Unlike other alliances that are focused on cyber security education and standards, OTCSA provides OT operators with resources, guidance and solutions to mitigate their cyber risk and provide protection for when an attack

[1]Cybersecurity in Operational Technology: 7 Insights You Need to Know, Tenable and Ponemon Institute, March 2019 | [2]The State of Industrial Cyber Security 2018, Kaspersky Lab, June 2018 | [3]Forrester consulting study commissioned and published by Fortinet, May 2018 | [4]Cybersecurity in Operational Technology: 7 Insights You Need to Know, Tenable and Ponemon Institute, March 2019 |[5]EY: Six cybersecurity issues for oil and gas companies, 2019