

# Beyond IT Security – Legal and Cyber Security Considerations in the OT World

University of Texas School of Law CLE

36th Annual Technology Law Conference

**Serge Jorgensen**, *Founding Partner & President, Sylint*

**Bart Huffman**, *Partner, Holland & Knight*

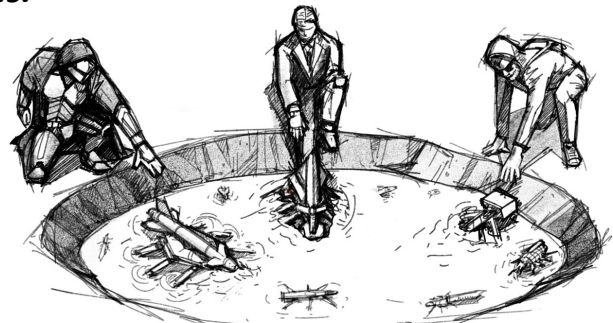
May 25, 2023



1

***Our rapidly evolving world demands a more intentional, more coordinated, and more well-resourced approach to cyber defense. We face a complex threat environment, with state and non-state actors developing and executing novel campaigns to threaten our interests. At the same time, next-generation technologies are reaching maturity at an accelerating pace, creating new pathways for innovation while increasing digital interdependencies.***

White House, National Cybersecurity  
Strategy, March 2023





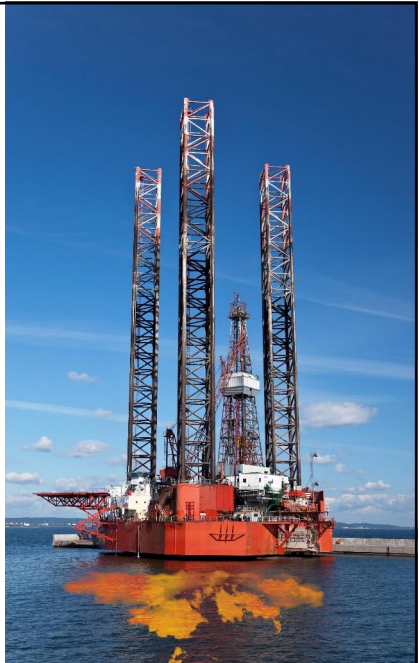
2



## What are Industrial Control Systems & Operational Technologies

- Human Machine Interfaces (HMI)
- Supervisory Control & Data Acquisition (SCADA)
- Programmable Logic Controllers (PLC)
- Computer Numerical Control (CNC)

3

## OT/ICS Risks

- Industrial Accidents
- Service Delivery Disruption
- Data Disclosure or Theft
  - Trade Secrets
  - System and Security Details
  - Connected IT

4



## OT/ICS Technological Challenges

- Long refresh cycle (decades)
- Integration with physical equipment (airplanes, powerlines, production lines)
- Low tolerance for interruption
- Backup & Recovery complexities

5



## OT/ICS Legal Risks and Challenges

- Extortion / Crisis Management
- Compliance
  - Security Program
  - Incident Response, Recovery, and Resilience
  - Reporting
- Contractual Obligations – ongoing service commitments
- Service Provider Controls and Contracts
- Intellectual Property and Sensitive Operational Data

6

Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the [UT Law CLE eLibrary \(utcle.org/elibrary\)](https://utcle.org/elibrary)

## Title search: Beyond IT Security: Legal and Cyber Security Considerations in the OT World

Also available as part of the eCourse

[2023 Technology Law eConference](#)

First appeared as part of the conference materials for the  
36<sup>th</sup> Annual Technology Law Conference session

"Beyond IT Security: Legal and Cyber Security Considerations in the OT World"