



# ICS/OT CYBERSECURITY

## YEAR IN REVIEW **2021**

*Lessons Learned from the Frontlines*

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# WHAT IS THE YEAR IN REVIEW?

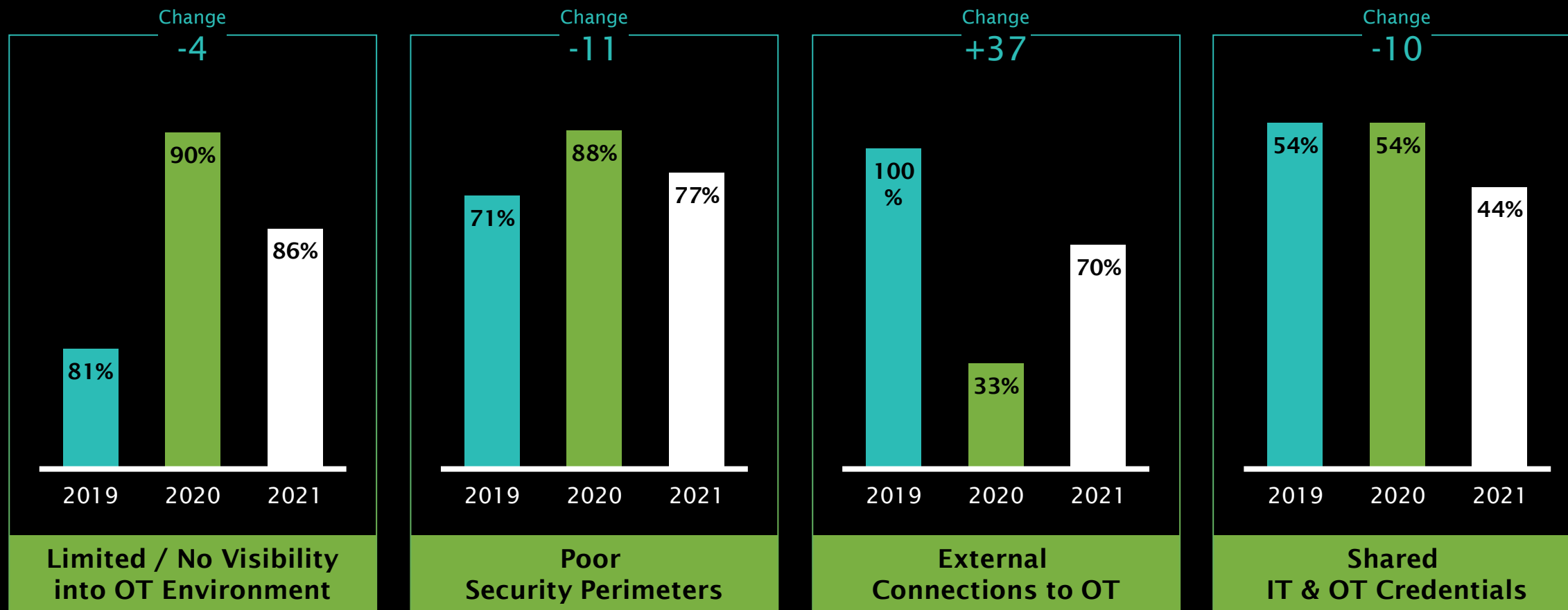


Annual analysis of threats, vulnerabilities, assessments, insights

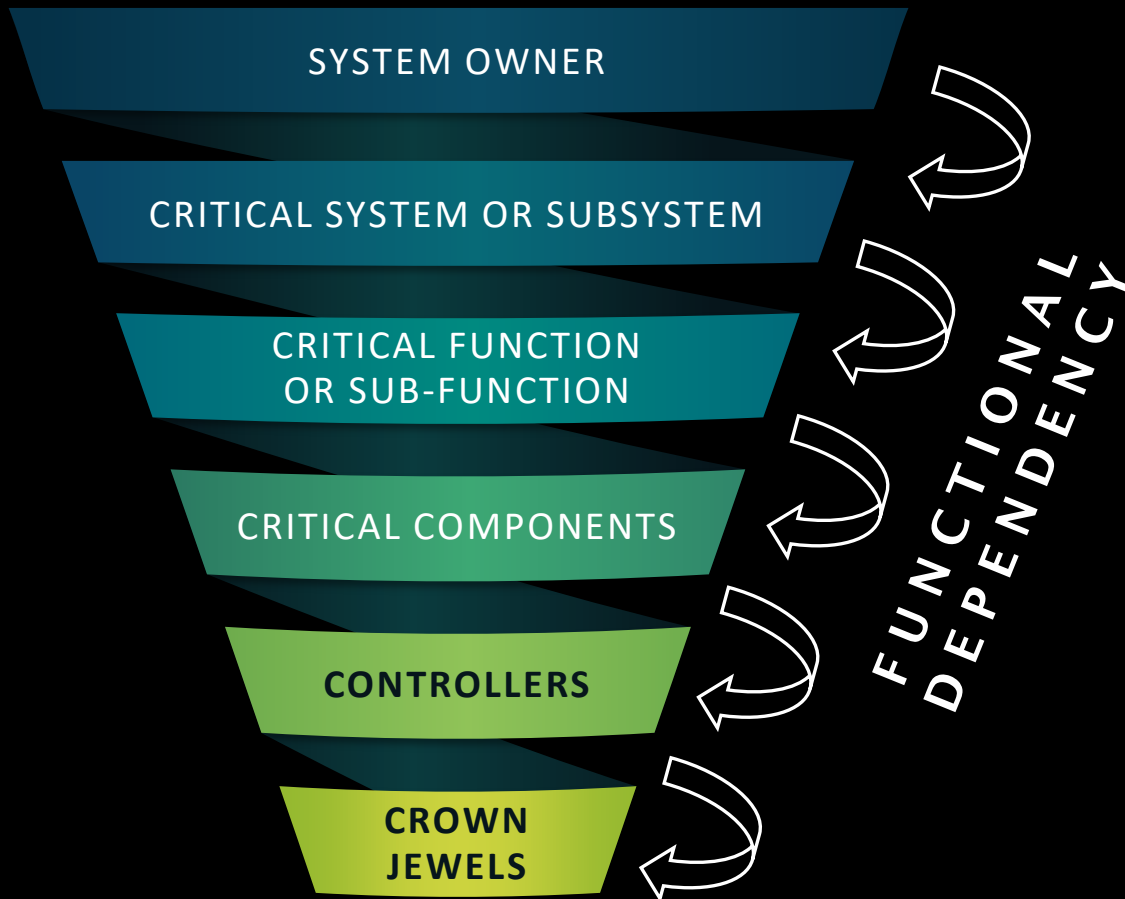
Fifth year running

Purpose is to help accelerate learning on how to address the challenges

# LESSONS LEARNED FROM CUSTOMER ENGAGEMENTS



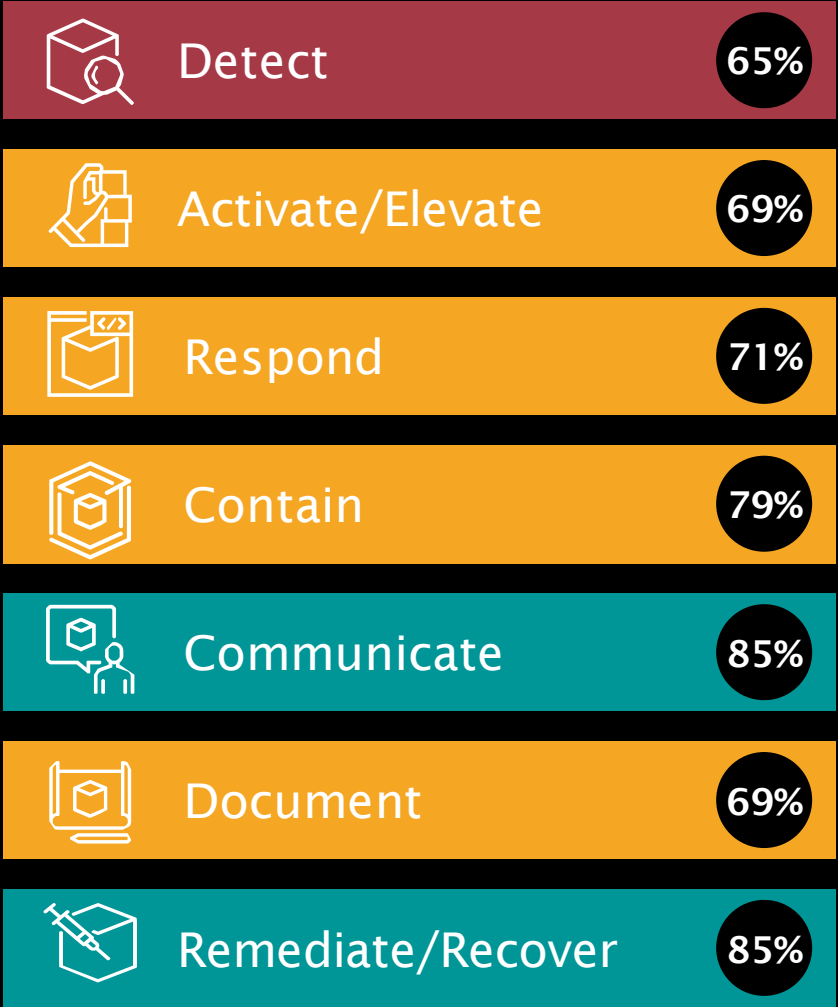
# DRAGOS CJA MODEL



## QUESTIONS TO ASK AS YOU MOVE THROUGH THE MODEL:

- What element(s) contribute most to functional output?
- What functional dependencies do different elements within each layer have?
- Where is my greatest functional dependency exerted upon control system assets?

# AVERAGE TTXs FINDINGS

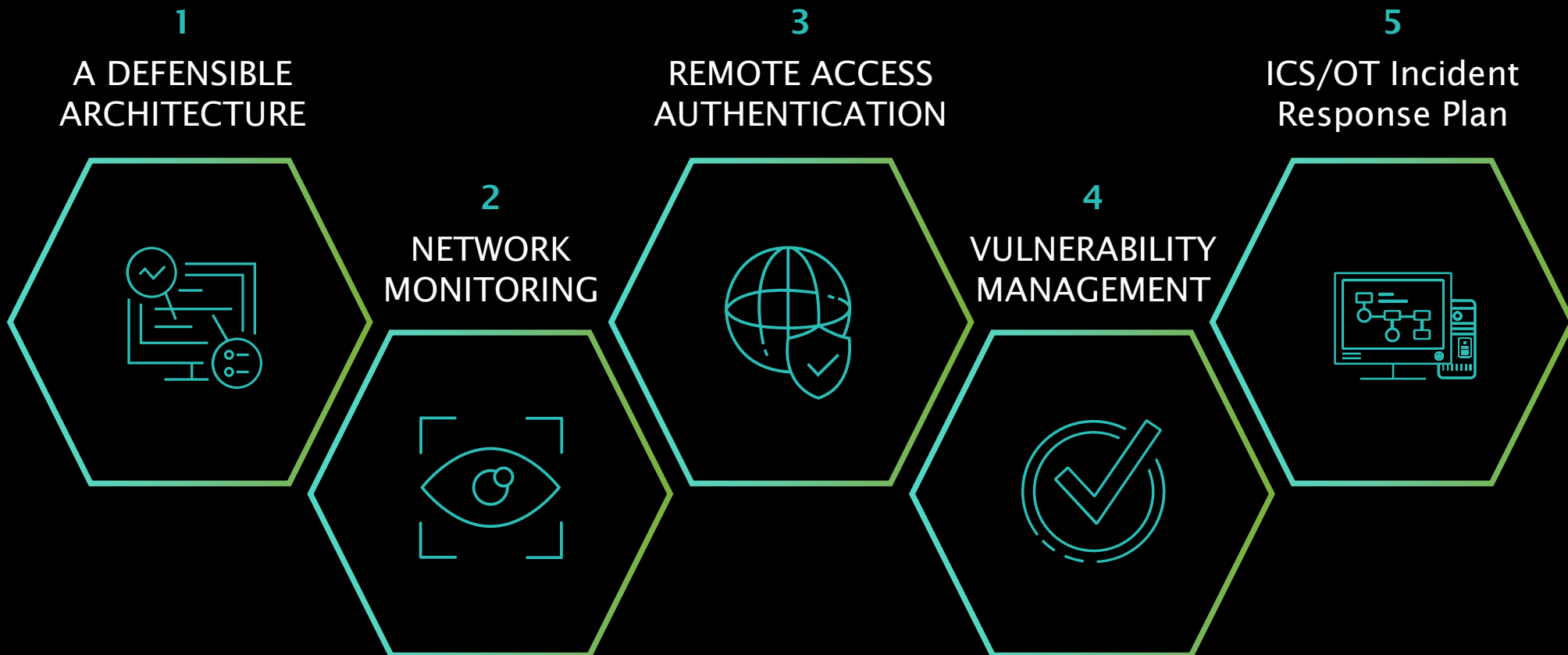


**Metrics are as follows:**

- Performed without Challenges 80-100
- Performed with Some Challenges 66-79
- Performed with Major Challenges 50-65
- Unable to Perform 0-50

# RECOMMENDATIONS

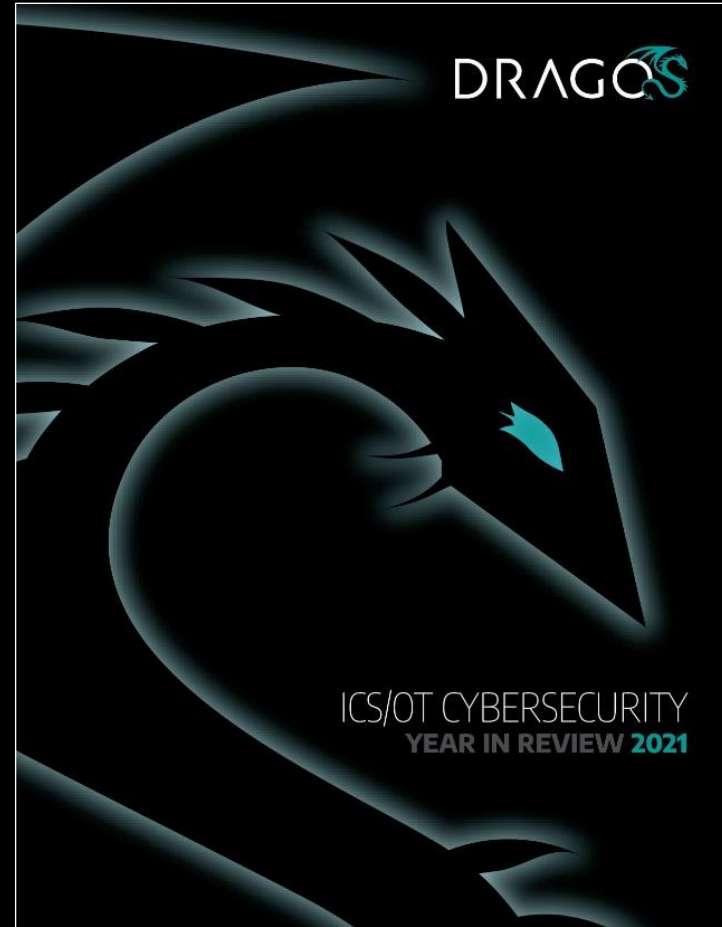
## 5 Security Controls for a World-Class OT Cybersecurity Program



# Q&A

QUESTIONS AND ANSWERS

# THANK YOU



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2021 Year In Review Report,  
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