DRAGOS

STARTING YOUR ICS/OT CYBERSECURITY JOURNEY

3 KEY STEPS TO MATURING YOUR INDUSTRIAL SECURITY PROGRAM

Cyber risk for industrial environments continues to rise. Wish you had a roadmap to assess and build your operational technology (OT) security program? If so, you're not alone!

Build and align the people, processes, and technology in your ICS/OT environment with 3 key steps.

1 UNDERSTAND SECURITY RISKS & IMPACTS

ASK YOURSELF

WHAT DOES A BAD DAY LOOK LIKE?

THIS IS WHAT WE REFER TO AS "THE BOOM."

Think about what this means for you, for the plant operations, and for the business itself. Assess what your organization can do to avoid bad days or how you'll respond.

"LEFT OF BOOM"

Is how you **reduce risk**. It's proactive security program management, such as: system hardening, identifying vulnerabilities, applying security standards.

THE BOOM

"RIGHT OF BOOM"

Is how you **reduce impact** now that a bad thing has happened, such as: how you will detect impact, recover from and respond to it.

WHAT NEXT?

See our industrial cyber risk management whitepaper to assess the varying levels of impact to your organization.

DETERMINE MATURITY & GAPS 2

CAN YOU CRAWL, WALK, OR RUN?

BE PIE IN THE SKY ABOUT WHERE YOU WANT YOUR PROGRAM TO BE, BUT BE HONEST ABOUT YOUR CAPABILITIES AND WHAT YOU CAN MANAGE.

YOU CRAWL, IF:

Your program may be resource constrained – such as one person is managing it, but if that person left the company you'd be starting at ground zero again.

YOU WALK, IF:

You have some documentation and configuration management in place. Multiple stakeholders are involved, and resources are less scarce.

YOU RUN, IF:

Security employees are trained, ready, and exercised. The executives are willing participants in the program. Internal reviews are actively happening to confirm program capabilities.

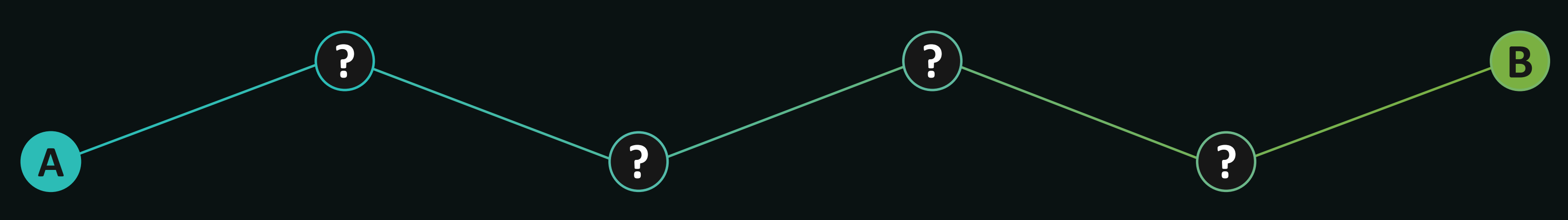
WHAT NEXT?

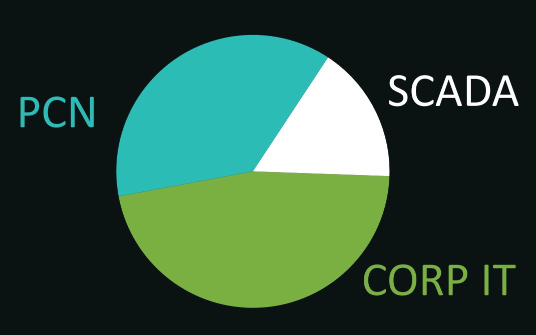
Leverage maturity indicator models to establish where you are in your journey. A good example of a maturity model is: The Department of Energy's Cybersecurity Capability Maturity Model (C2M2).

3 IMPLEMENT & MEASURE

YOU'VE IDENTIFIED YOUR GAPS

AND DETERMINED YOUR STRENGTHS.





Now, you need to determine how to get from point A to point B for each of the needs you define. You must prioritize and measure to demonstrate your progress towards success. The first metric might be: Percentage of systems with network visibility.

WHAT NEXT?

Use a risk register to figure out what matters most to your organization, so you can effectively measure those metrics and potentially get the resources you need. Take a closer look at the Dragos Platform for improved asset visibility and inventory.

Let Dragos help you get started on your ICS/OT cybersecurity journey.

Connect with us at sales@dragos.com or learn more about our technology and solutions at dragos.com.

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