Durgesh Kalya, CISSP, CISM

Industrial Cybersecurity Leader · Speaker · Author · Mentor

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SHORT BIO (ABOUT 50 WORDS)

Durgesh Kalya, CISSP, CISM, is Site Cybersecurity Officer for Covestro's Baytown, Texas site and author of *Incident Management for Industrial Control Systems* (Packt). With 20 years across instrumentation engineering, IT, and OT security, he helps critical infrastructure organizations prepare for, respond to, and recover from cyber incidents.

FULL BIO

Durgesh Kalya, CISSP, CISM, is an industrial cybersecurity leader with 20 years of experience across instrumentation engineering, industrial automation, IT, and OT security. As Site Cybersecurity Officer for Covestro's Baytown, Texas site, he leads OT/ICS security strategy for safety-critical chemical manufacturing operations.

He is the author of *Incident Management for Industrial Control Systems* (Packt), a practitioner's guide that bridges IT, OT, emergency operations, and the Incident Command System. He was a named panel author on BSI's 2025 *Technical Guide: Integrating Functional Safety and Cyber Security*, and has served as Chair of the International Society of Automation's Safety and Cybersecurity Technical Advisory Committee and Director of ISA's Safety & Security Division.

Durgesh is a long-time contributor to ICS4ICS, the ISA Global Cybersecurity Alliance's incident command framework for industrial control systems, and holds ICS4ICS credentials as Incident Commander, Logistics Section Chief, and Operations Section Chief (Type 4). He co-founded the IoT Security Foundation's Houston Chapter and mentors people entering or returning to cybersecurity careers. He holds an M.S. in Computer Engineering from the University of Houston-Clear Lake and a B.E. in Instrumentation Technology from Visvesvaraya Technological University.

SPEAKING TOPICS

- **Incident Management for Industrial Control Systems**: applying FEMA's Incident Command System to cyber incidents in OT environments.
- **Building Cyber Resilience for Process Control Systems**: practical lessons from hardening DCS, SCADA, and safety system environments.
- **IT and OT Convergence**: trust, shared accountability, and joint response across IT, operations, and engineering.
- **Tabletop Exercises and Incident Drills**: designing exercises that bring emergency response, IT, OT, and leadership together.
- **Maritime Cybersecurity and the CySO Role**: what the U.S. Coast Guard cyber rule means for MTSA-regulated facilities.
- **Careers in Cybersecurity**: breaking in, changing careers, and growing through mentorship and community.

Selected engagements

Chemical Sector Cybersecurity Exercise
with ISA Global Cybersecurity Alliance and DHS, 2024

CS4CA USA Summit
ICS4ICS functional exercise, 2024; talks 2021

CS4CA World
ICS4ICS training and exercise, 2022

ISA Automation Leadership Conference
talk 2022; ICS4ICS exercise 2023

ISA Process Industry Conference
Industry 4.0 panel, 2022

ISACA Greater Houston GRC Conference
2023

EC-Council University
2022

Bangalore Institute of Technology
2023

Interviews

Information Security Media Group
CS4CA USA, 2024

Industrial Cyber
2023

Credentials

CISSP, ISC2

CISM, ISACA

ICS4ICS Incident Commander, Type 4

ICS4ICS Logistics Section Chief, Type 4

ICS4ICS Operations Section Chief, Type 4

ISC2 Cybersecurity Exam Development Expert

Formats

Keynotes, panels, workshops and tabletop exercises, university lectures, podcasts and interviews.