

Jim West Joins Elite Dual Wall of Fame for INCOSE and OMG SysML

Cybersecurity leader becomes one of only 167 professionals worldwide recognized for holding two of the world's leading systems engineering organizations

WASHINGTON D.C., DC, UNITED STATES, August 13, 2026 /EINPresswire.com/ -- Cybersecurity and

“

The most serious security problems rarely exist in isolation. They often emerge from the relationships and dependencies between systems.”

Jim West

systems engineering professional [Jim West](#) has earned recognition on both the [International Council on Systems Engineering \(INCOSE\)](#) and [Object Management Group \(OMG\)](#) Walls of Fame, placing him among only 167 engineers worldwide to achieve this dual distinction. West is also the 73rd person in the world to earn the OMG Certified Systems Modeling Professional SysML Advanced credential.

The dual Wall of Fame recognition represents a rare combination of demonstrated systems engineering knowledge and advanced proficiency in the Systems Modeling Language, commonly known as SysML. The credential validates the ability to model complex systems, define and trace requirements, analyze system behaviors, understand interfaces and dependencies, and communicate technical architectures across engineering and operational teams.

SysML traces its origins to 2003, when the Object Management Group and the International Council on Systems Engineering jointly issued a request for proposal calling for a modeling language purpose-built for systems engineering. The effort was led by Cris Kobryn, who had previously chaired the UML language design teams, working alongside INCOSE's David Oliver and Sanford Friedenthal. Rather than replacing UML, SysML was developed as an extension of it — adapting UML's software-modeling foundation to also handle hardware, physical processes, requirements traceability, and human operators, areas where UML alone had struggled to keep pace with the realities of complex engineered systems. The language was formally adopted by the OMG as an industry standard in 2006.

Today, SysML is widely used across aerospace, defense, automotive, and technology sectors to model systems where software, hardware, and human elements must work together reliably — from spacecraft and avionics to autonomous vehicles and large-scale defense platforms.

"This achievement represents more than earning another credential," West said. "It reflects my commitment to understanding how technology, cybersecurity, people, processes, risk, architecture, and mission requirements function together as a complete system. The most serious security problems rarely exist in isolation. They often emerge from the relationships and dependencies between systems."

West brings more than 35 years of experience in information technology and more than 27 years in cybersecurity. His multidisciplinary background includes cybersecurity governance, risk management, security architecture, systems engineering, model-based systems engineering, enterprise architecture, incident response, digital forensics, penetration testing, network engineering, project management, cloud security, compliance, and mission assurance.

He has earned more than 100 professional certifications and credentials across cybersecurity, information technology, systems engineering, project management, and organizational leadership. His certifications include the CISSP and all three ISC2 advanced concentrations—ISSAP, ISSEP, and ISSMP—as well as C-CISO, GPEN, CTIA, ECES, CHFI, and both INCOSE and OMG systems engineering certifications.

A defining element of West's professional career has been his continued commitment to education. He dedicates approximately 400 to 600 hours each year to continuing professional education, technical research, certification preparation, industry conferences, standards development, emerging technologies, and the study of evolving cybersecurity threats.

"In technology and cybersecurity, experience is valuable, but experience without continued learning can quickly become outdated," West said. "I have always believed that professionals responsible for protecting critical systems must continuously challenge what they know, study what is changing, and develop the ability to connect knowledge across multiple domains."

That multi-domain perspective is particularly important as modern organizations become increasingly dependent on interconnected cloud platforms, artificial intelligence, operational technology, communications systems, software supply chains, mobile technologies, data services, and third-party infrastructure. A vulnerability or failure within one component can create cascading consequences across an entire organization or mission.



Jim West, CEO and Founder of TopCyberPro.com, Wall of Fame Member, INCOSE – OMG SysML

Advanced systems engineering and SysML expertise can help security teams identify those dependencies before they become operational failures or cybersecurity incidents. Systems models can visualize sensitive data flows, trust boundaries, system interfaces, operational processes, security requirements, attack surfaces, failure conditions, and the potential consequences of technology or control changes.

By combining systems engineering with cybersecurity, West helps organizations move beyond evaluating individual security controls in isolation. The approach enables leaders and technical teams to examine how security decisions affect availability, resilience, performance, interoperability, cost, regulatory compliance, operational continuity, and mission success.

West currently serves as a Senior Cybersecurity Advisor supporting U.S. defense operations in EMEA (Europe, the Middle East, and Africa). He is also the founder of TopCyberPro.com, an author, educator, conference speaker, and host of the [TopCyberPro Podcast](#). Throughout his career, he has focused on translating complex cybersecurity and technology concepts into practical guidance that technical professionals, business leaders, and mission stakeholders can understand and apply.

His professional contributions include presentations on cybersecurity architecture, encryption, quantum computing, security awareness, governance, risk management, the dark web, and the limitations of traditional security models. His work consistently emphasizes that effective cybersecurity requires professionals who can understand not only individual technologies, but also the complete systems and missions those technologies support.

Recognition as one of only 167 dual INCOSE and OMG Wall of Fame members worldwide highlights the rarity of West's achievement. Becoming the 73rd individual to earn the SysML Advanced credential further demonstrates the depth of expertise required to reach the highest levels of professional systems modeling.

"This milestone reinforces a principle that has guided my entire career: never stop learning, never limit yourself to one professional domain, and always look at the complete system," West said. "Cybersecurity is strongest when it is integrated with engineering, architecture, operations, risk management, and the mission from the very beginning."

Michelle Kaldenberg

TopCyberPro.com

+1 832-303-4593

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Instagram](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/933975488>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.