TekSummit

AGENDA

For the Month of February 2026

Jointly Hosted by GAO RFID Inc., GAO Tek Inc., & GAO Research Inc., & GAO AI Incubator.







GAO All Incubator

for

Advanced Tech &

Enterprises



Wednesday, February 04, 2026

Eastern: 1:00pm - 2:30pm Pacific: 10:00am - 11:30am Central European: 7:00pm - 8:30

pm

Presentation Language: English

Target Continents: North America, Europe, Australia, Asia

Formal Verification of Spine-Leaf and Clos Topologies in Data Center Networks.

Dr. Sanjay Basu

Senior Director - GPU & Gen AI Solutions & Services - Cloud Engineering, Oracle

Data center networks built on Spine-Leaf and Clos topologies form the backbone of modern cloud infrastructure, yet ensuring their correctness remains challenging due to scale and complexity. This presentation introduces TopoVerify, a novel formal verification framework that exploits the structural regularity of these topologies to provide mathematical guarantees about network behavior. Our approach achieves 15-30× performance improvements over existing tools while scaling to networks with 2,048 switches. Through case studies with three major cloud providers, we demonstrate how TopoVerify identifies critical configuration errors that traditional testing approaches miss, leading to measurable improvements in network reliability and performance.

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Enterprises

Wednesday, February 11, 2026

Eastern: 1:00pm - 2:30pm Pacific: 10:00am - 11:30am

Central European: 7:00pm - 8:30

pm

Presentation Language: English

Target Continents: North

America, Europe, Australia, Asia

Release of Another New AI for Enterprises

AI Development Team

GAO AI Incubator for Advanced Tech & Enterprises



Wednesday, February 18, 2026

Eastern: 1:00pm - 2:30pm Pacific: 10:00am - 11:30am Central European: 7:00pm -

8:30 pm

Presentation Language: English

Target Continents: North America, Europe, Australia, Asia

ACTAtek Unified Edge AI IoT Solution for People, Security and EHS

Thomas Wan

Founder & CEO, Jakin ID Technology Inc.

This presentation explores a Unified Edge AI IoT Solution that addresses the challenges of siloed systems by delivering a secure, scalable, and easy-todeploy platform. With centralized management via cloud or on-premises AMS software, it streamlines operations across multiple applications while eliminating the complexity of using multiple vendors. The system supports both wired (LAN, PoE) and wireless (Wi-Fi, SIM card) connectivity, along with direct integration to electronic locks and third-party systems. Edge AI-enabled IoT devices offer plug-and-play installation, real-time monitoring, smart automation, and online upgrades, minimizing downtime and maintenance efforts. Designed with enterprise-grade cybersecurity, the platform ensures 24/7 secure operations both online and offline. Localized issues are resolved at the edge, while broader challenges are managed via the cloud. Ideal for organizations seeking operational efficiency, reliability, and unlimited scalability, this solution transforms traditional infrastructure into a smart, connected ecosystem ready for future growth.

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Network Technology Alliance

About TekSummit 2026

The GAO (Global Advanced Operations) Group started TekSummit in the year 2021. It was an instant success. We ran it for 3 years, 2021, 2022, and 2023. We had hundreds of highly qualified speakers and thousands of attendees. We paused Tek Summit in 2024 and 2025 so that we could focus on our fast-growing businesses.

We have restarted it in 2026 and we plan to run it as a successful online event for many years to come. Your participation will be highly rewarding for you. For a 2023, 2022, and 2021 TekSummit, please click https://gaotek.com/teksummit/2023-2022-2021/

TekSummit – Hosted by GAO Tek Inc., a Top 10 World Leader for B2B Technologies:

- TekSummit AI, IoT & M2M
- <u>TekSummit AI, Advanced Test & Measurements</u>
- TekSummit AI, Advanced Networks & Network Testing
- <u>TekSummit AI in Industries & Commerce</u>
- TekSummit AI, Industrial & Commercial Drones
- TekSummit Funding and Growing AI & Deep Tech Ventures

- <u>TekSummit Rebuilding Ukraine with AI & Advanced Technology and Global Partnership</u>
- <u>TekSummit Make America Great Again (MAGA) Through AI & Deep</u>
 <u>Tech</u>

TekSummit - Hosted by GAO RFID Inc., Ranked as among Top Global 10 BLE & RFID Leader:

- TekSummit BLE & RFID
- TekSummit AI with RFID & BLE
- TekSummit Drones, RFID & BLE
- TekSummit Funding & Growing BLE, RFID, IoT & Cloud & Other Advanced Tech Companies
- <u>TekSummit MAGA (Make America Great Again) with BLE, RFID, IoT, Cloud & Other Advanced Tech</u>
- <u>TekSummit Rebuilding Ukraine with BLE, RFID IoT, Cloud & Other</u>
 Advanced Tech

TekSummit - Hosted by GAO Research Inc., Innovative R & D for ICT:

- TekSummit R & D for AI, IoT & M2M
- TekSummit R & D for AI, Advanced Test & Measurement
- TekSummit R & D for AI, Advanced Networks & Network Testing
- TekSummit AI in R & D
- TekSummit R & D with AI & Drones

SPEAKERS

FOR THE MONTH OF FEBRARY 2026



Formal Verification of Spine-Leaf and Clos Topologies in Data Center Networks.

Dr. Sanjay Basu

Senior Director - GPU & Gen AI Solutions & Services - Cloud Engineering, Oracle

Biography

Dr. Sanjay Basu has worked in technology for more than 30 years and currently leads the HPC & AI infra, Generative AI, and GPU Cloud Engineering teams at Oracle Cloud. Sanjay holds a Doctorate in organizational behavior and a double master's in management & computer engineering. He is an alumnus of MIT, MIT Sloan, Oxford Said, and Cambridge University. He is working on his second PhD in Artificial Intelligence. He is a prolific speaker at various Gen AI conferences across North America, Europe, and Asia. He is a Life Member of ACM, AAAI, AAAS, Senior Member of IEEE, and a Fellow of IETE. He is a prolific blogger and author of five technical books and holds six US patents. Read his blogs at https://sanjaybasu0.medium.com/, and his newsletter - https://sanjaybasu0.medium.com/

Presentation Title: Formal Verification of Spine-Leaf and Clos Topologies in Data Center Networks.

Sub-Title: A Compositional Approach Using Temporal Logic

Presentation Type: Technical Research Presentation

Session Track: Data Center and Cloud Networking, Spine-leaf and Clos topology verification

Abstract

Data center networks built on Spine-Leaf and Clos topologies form the backbone of modern cloud infrastructure, yet ensuring their correctness remains challenging due to scale and complexity. This presentation introduces TopoVerify, a novel formal verification framework that exploits the structural regularity of these topologies to provide mathematical guarantees about network behavior.

Our approach achieves 15-30× performance improvements over existing tools while scaling to networks with 2,048 switches. Through case studies with three major cloud providers, we demonstrate how TopoVerify identifies critical configuration errors that traditional testing approaches miss, leading to measurable improvements in network reliability and performance.

GAO All Incubator

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Release of Another New AI for Enterprises

AI Development Team

GAO AI Incubator for Advanced Tech & Enterprises

Description

GAO AI Incubator and its start-up companies are in stealth mode. Come and get surprised by this first-time release of another brand new AI designed for enterprise applications.



ACTAtek Unified Edge AI IoT Solution for People, Security and EHS

Thomas WanFounder & CEO, Jakin ID Technology
Inc.

Biography

Founder and operator of silicon chip design house and semiconductor distribution to being pioneer of edge AI IoT first solutions. Our ACTAtek on premise and cloud solution for people, security, environment, health and safety integrated platforms have daily 100 million users globally.

Presentation Title

ACTAtek Unified Edge AI IoT Solution for People, Security and EHS

Abstract

This presentation explores a Unified Edge AI IoT Solution that addresses the challenges of siloed systems by delivering a secure, scalable, and easy-to-deploy platform. With centralized management via cloud or on-premises AMS software, it streamlines operations across multiple applications while eliminating the complexity of using multiple vendors. The system supports both wired (LAN, PoE) and wireless (Wi-Fi,

SIM card) connectivity, along with direct integration to electronic locks and third-party systems. Edge AI-enabled IoT devices offer plug-and-play installation, real-time monitoring, smart automation, and online upgrades, minimizing downtime and maintenance efforts. Designed with enterprise-grade cybersecurity, the platform ensures 24/7 secure operations both online and offline. Localized issues are resolved at the edge, while broader challenges are managed via the cloud. Ideal for organizations seeking operational efficiency, reliability, and unlimited scalability, this solution transforms traditional infrastructure into a smart, connected ecosystem ready for future growth.

Image of the system

