TekSummit

AGENDA

For the Month of

March 2026

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

GAO Tek Inc. A Top 10 Global Technology Supplier	GAO RFID Inc. A Top 10 Global BLE & RFID Supplier	GAO RESEARCH Leader in Embedded Technology	GAO AI Incubator for Advanced Tech & Enterprises

Wednesday, March 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

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Advanced Tracking & Access Control Technologies for People and Physical Assets Based on RFID, BLE & IoT

Ren Wang
CTO GAO RFID Inc.

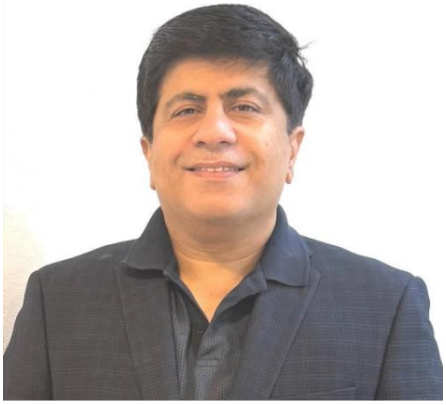
As organizations increasingly prioritize real-time visibility, operational efficiency, and security, the convergence of Radio Frequency Identification (RFID), Bluetooth Low Energy (BLE), and Internet of Things (IoT) technologies present a powerful solution for tracking and access control of both people and physical assets. This presentation provides a comprehensive overview of how these technologies can be integrated into robust systems that offer scalable, flexible, and cost-effective approaches to asset management and personnel monitoring.
From a technical perspective, we will delve into the architecture and key components of modern tracking systems, including RFID readers and tags (passive and active), BLE beacons, gateways, edge computing devices, and cloud-based IoT platforms. We will compare the performance characteristics of RFID and BLE in various environments, addressing

factors such as read range, energy consumption, data transmission rates, and interoperability. Security protocols, data encryption, and authentication mechanisms will also be discussed, highlighting best practices for protecting sensitive access and location data.

On the business side, the session will explore use cases across industries—such as manufacturing, logistics, healthcare, and corporate environments—where these technologies enable real-time inventory tracking, personnel safety monitoring, automated check-ins, geo-fencing, and secure area access. We will present ROI considerations, deployment strategies, and integration with existing IT infrastructure, along with case studies that illustrate tangible benefits such as reduced loss, improved compliance, enhanced safety, and labor cost savings.

Attendees will gain both strategic insights and practical guidance on selecting and implementing the right mix of RFID, BLE, and IoT technologies tailored to their organizational needs. The presentation will also touch on future trends such as AI-powered analytics, ultra-wideband (UWB), and digital twin technologies as they relate to advanced tracking and access control systems.

Click Here for GAO's Related Products & Solutions or More Info on TekSummit



Wednesday, March 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

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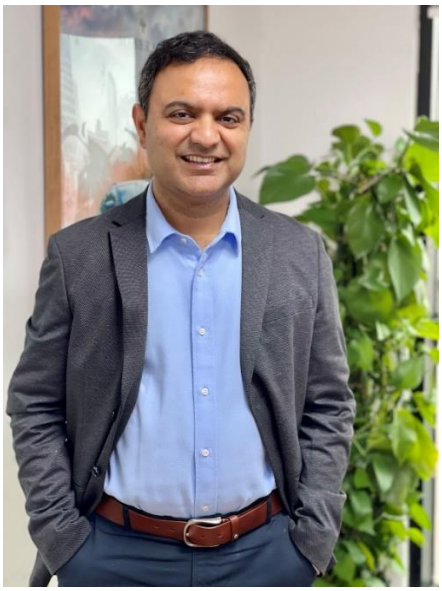
From Data Catalogs to Data Agents: Autonomous Discovery and Governance in Real-Time Sensor Networks

Vipin Kataria

Traditional data catalogs were built for a world where data changed slowly and humans had time to document it. But in real-time sensor network environments with thousands of devices generating millions of events per second, this paradigm crumbles. Metadata becomes stale within hours, data quality issues go undetected, lineage remains unclear, and critical decisions are delayed or made on untrustworthy data. Manual cataloging simply cannot keep pace with the velocity and scale of modern sensor deployments.
What if your data catalog could think for itself? This talk introduces the concept of agentic data cataloging, moving from passive documentation to active, intelligent governance powered by autonomous AI agents. Instead of humans manually registering sensors, documenting schemas, and monitoring quality, AI agents continuously discover

new devices, infer metadata, detect anomalies, maintain lineage, and enforce governance policies, all in real-time without human intervention. We'll explore why traditional approaches fail at sensor network scale and how agentic architectures solve these fundamental challenges through continuous discovery, automated profiling, intelligent enrichment, and self-healing workflows. Attendees will learn a practical reference architecture for building agentic data cataloging systems in real-time sensor networks. We'll walk through the five core agents: Discovery Agents that automatically detect and register new sensors, Schema Agents that infer and track data structures as they evolve, Quality Agents that continuously monitor streams and flag anomalies, Lineage Agents that map data flows from edge to analytics, and Governance Agents that enforce policies and remediate issues automatically. The session culminates in a live demonstration showing these agents in action, watch as they autonomously catalog a simulated sensor network, detect and respond to data quality issues, and maintain a living catalog that keeps pace with your infrastructure.



Wednesday, March 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

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AI-Driven Digital Transformation: Strategies for Sustainable Growth

Ravi Shankar Bose

Senior Executive, Digital Solutions and AI Strategy, Ascenditure

In this session, Ravi Shankar Bose will explore how organizations can leverage AI to drive digital transformation, focusing on strategies that promote sustainable growth. Key discussion points will include:

- AI Integration: Practical approaches to embedding AI into existing business processes to enhance efficiency and decision-making.
- Scalability: Techniques for scaling AI solutions to meet the evolving needs of businesses in dynamic markets.
- Ethical Considerations: Addressing the ethical implications of AI deployment and ensuring responsible innovation.
- Case Studies: Real-world examples of successful AI-driven

transformations across various industries.

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How AI Ecosystem Networks Drive Competitive Wins & Scalable ARR

Matt Fok

Founder & CEO, AI X Network

Wednesday, March 25, 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

Marketing is no longer a cost center; it's your most underutilized profit engine. This session unveils how AI-powered ecosystem networks can transform fragmented marketing spend into a self-funding, scalable ARR engine. By integrating IoT, BLE, RFID, and Test & Measurement data into modular platforms, organizations can activate predictive dashboards, gamified engagement, and affiliate monetization loops.

Attendees will discover:

- How to deploy the "Smart Collaborative Network" to unify stakeholders and data streams
- How AI Crowdfunding enables startups and NGOs to scale through monthly app subscriptions
- How to architect silo-free ecosystems that drive 24/7 lead generation, retention, and referral

Live demos will showcase real-time ARR flywheels, hybrid event platforms, and vertical-specific dashboards that convert

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attention into recurring revenue, while saving up to 80% in traditional marketing costs.

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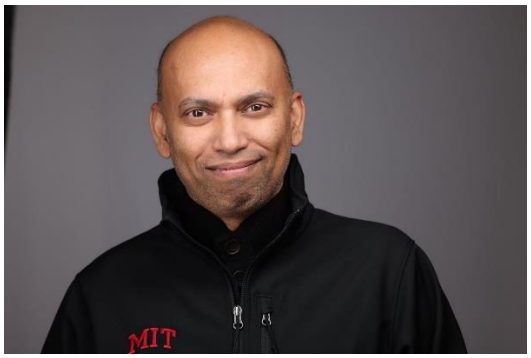

Thursday, March 26, 2026
Eastern: 1:00pm - 2:30pm
Pacific: 10:00am - 11:30am
Central European: 7:00pm - 8:30pm

Presentation Language: English

Target Continents: North America, Europe, Australia, Asia

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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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Network Technology Alliance

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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**
- **TekSummit – AI, Advanced Test & Measurements**
- **TekSummit – AI, Advanced Networks & Network Testing**
- **TekSummit – AI in Industries & Commerce**
- **TekSummit – AI, Industrial & Commercial Drones**
- **TekSummit – Funding and Growing AI & Deep Tech Ventures**
- **TekSummit – Rebuilding Ukraine with AI & Advanced Technology and Global Partnership**

- **TekSummit – Make America Great Again (MAGA) Through AI & Deep Tech**

TekSummit – Hosted by GAO RFID Inc., Ranked in the Global Top 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**
- **TekSummit – MAGA (Make America Great Again) with BLE, RFID, IoT, Cloud & Other Advanced Tech**
- **TekSummit – Rebuilding Ukraine with BLE, RFID IoT, Cloud & Other 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**

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SPEAKERS

FOR THE MONTH OF

March 2026

Advanced Tracking & Access Control Technologies for People and Phyiscal Assets Based on RFID, BLE & IoT

Ren Wang

CTO GAO RFID Inc.

Biography

Ren Wang is the Chief Technology Officer at GAO RFID Inc., a Toronto-based high-tech company, where he designed and implemented GAO IoT System 4.0. With over 25 years of experience, Ren has held senior technology and leadership roles across the US and Canada with companies including IBM, GE, SWIFT, AIG, Reuters, Pitney Bowes, and Nuance Communications.

He is the founder of Altimate Systems, acquired by Pitney Bowes, and has led large-scale enterprise projects in document management, IoT, and cloud-based systems for organizations such as the California Air Resources Board, Milacron, and Philips Medical. Ren holds a Master’s degree in Computer Science from McMaster University and is certified in Machine Learning by Stanford University.

Presentation Title: Advanced Tracking & Access Control Technologies for People and Physical Assets Based on RFID, BLE & IoT

Abstract

As organizations increasingly prioritize real-time visibility, operational efficiency, and security, the convergence of Radio Frequency Identification (RFID), Bluetooth Low Energy (BLE), and Internet of Things (IoT) technologies present a powerful solution for tracking and access control of both people and physical assets. This presentation provides a comprehensive overview of how these technologies can be integrated into robust systems that offer scalable, flexible, and cost-effective approaches to asset management and personnel monitoring.

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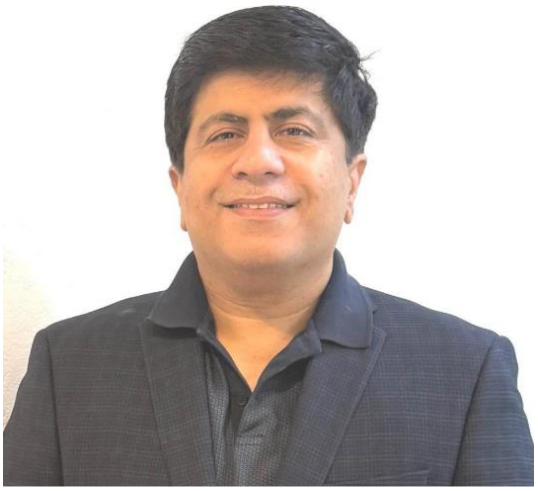

From Data Catalogs to Data Agents: Autonomous Discovery and Governance in Real-Time Sensor Networks

Vipin Kataria

Biography

Vipin Kataria is an IEEE Senior Member and Distinguished SCRS Fellow with 21+ years of experience in enterprise cloud platforms and AI systems. As Senior Lead Architect - Data/ML at Picarro, he designs cloud data solutions for environmental monitoring and hazardous gas detection, processing real-time IoT sensor data for Fortune 500 companies.

His career spans leading technology companies where he built scalable solutions: at Intel Corporation, he architected automated diagnostic systems for XMM modem platforms; at Amazon, he developed enterprise-grade cloud solutions; and at Aricent Technologies and TCS, he delivered telecommunications and enterprise software platforms. This diverse experience across hardware, cloud, and enterprise domains uniquely positions him to solve complex technical challenges.

A sought-after speaker in the AI and data science community, Vipin has presented at leading conferences, including CDAO Chicago and DSS Miami, and participated as a panelist at the Applied AI Summit. He actively contributes to the AI research community as an author and peer-reviewed of cutting-edge research papers and serves as a judge for international AI awards and hackathons, helping evaluate breakthrough

innovations. He's currently writing *"The Agentic Enterprise,"* which explores how AI agents transform marketing, customer experience, and enterprise operations.

His expertise spans modern data architecture, advanced analytics pipelines, and next-generation AI systems that drive business transformation. Based in Fremont, California, he continues advancing cloud architecture, machine learning, and IoT technologies through both industry practice and thought leadership.

Presentation Title: From Data Catalogs to Data Agents: Autonomous Discovery and Governance in Real-Time Sensor Networks

Abstract

Traditional data catalogs were built for a world where data changed slowly and humans had time to document it. But in real-time sensor network environments with thousands of devices generating millions of events per second, this paradigm crumbles. Metadata becomes stale within hours, data quality issues go undetected, lineage remains unclear, and critical decisions are delayed or made on untrustworthy data. Manual cataloging simply cannot keep pace with the velocity and scale of modern sensor deployments.

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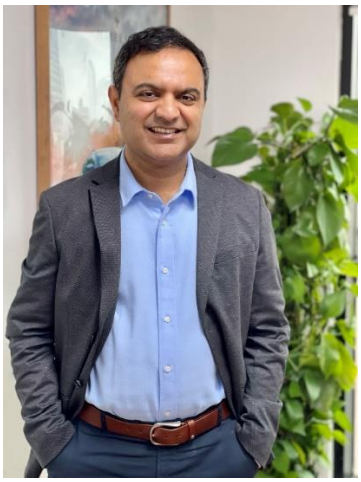
and data privacy concerns, presenting strategies for securing connected devices and ensuring data integrity.

Attendees will gain insights into the architectural considerations for designing scalable and secure IoT systems, the role of digital twins in simulating and optimizing production processes, and how IoT can facilitate a transition toward Industry 4.0 and smart factories.

Ultimately, this presentation aims to equip manufacturing professionals, engineers, and decision-makers with a strategic understanding of how IoT can be leveraged to build more responsive, efficient, and resilient manufacturing systems in an increasingly competitive and digitally driven global market.



AI-Driven Digital Transformation: Strategies for Sustainable Growth

Ravi Shankar Bose

Senior Executive, Digital Solutions and AI Strategy, Ascenditure

Biography

Ravi Shankar Bose is a technology executive with over 20 years of experience in leadership, digital innovation, and strategic advisory. Based in Shanghai, he specializes in AI-driven digital transformation, helping organizations enhance customer engagement and operational efficiency. Ravi has led global teams in shaping AI strategies, delivered keynotes at international conferences, and advised multinational corporations on market expansion and responsible innovation. His expertise spans AI strategy, digital transformation, and sustainable business growth.

Presentation Title: AI-Driven Digital Transformation: Strategies for Sustainable Growth

Abstract

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- Ethical Considerations: Addressing the ethical implications of AI deployment and ensuring responsible innovation.
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How AI Ecosystem Networks Drive Competitive Wins & Scalable ARR

Matt Fok

Founder & CEO, AI X Network

Biography

Matt Fok is the Founder & CEO of AI X Network and eZ-XPO, and a pioneering force in AI-powered digital transformation and ecosystem architecture. With over 25 years of executive leadership across IBM, Oracle, AT&T, and Siemens, Matt has built award-winning platforms that empower startups, NGOs, and enterprises to turn marketing costs into 24/7 ARR engines.

He is the inventor of the "AI Crowdfunding" model, enabling community-driven fundraising through monthly app subscriptions and the architect behind the "Smart Collaborative Network" framework that drives exponential growth across verticals.

- AI X Network was recognized as the "Top Smart AI Network Ecosystem Company in 2025" by CIO Review
- AI X Network was honored as the "Top 2025 Innovative Lead Generation Platform" in the GLOBAL Innovation & Excellence Awards
- eZ-XPO was named one of the "Top 25 Most Innovative Companies in Events"

Matt also leads the AI Entrepreneurship Program for Non-Tech founders, helping close the AI divide through hands-on boot camps and modular platform deployment. His mission: democratize AI adoption and help organizations unlock exponential savings, engagement, and growth.

Presentation Title: How AI Ecosystem Networks Drive Competitive Wins & Scalable ARR

Abstract

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