



TNCHE Asia 2025 Conference
**"Accelerating Industrial Decarbonization:
Digital-AI and Energy Transformation "**
Presenter's Biodata & Abstract

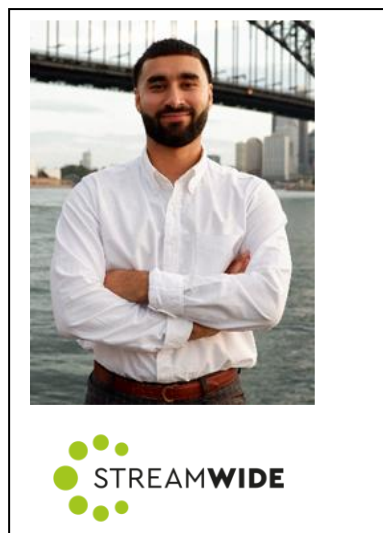


Full Name : Eliam-Jay BENDAVID

Organization : STREAMWIDE

Current Position : Pre-Sales Solutions Architect

Presenter BioData:



Eliam-Jay Bendauid is a technology specialist with a Master's degree in Networks, Telecommunications, and Cybersecurity from Paris-Sorbonne Université. His professional experience spans Europe and the Asia-Pacific region, where he has focused on addressing the complex challenges of digital transformation, mobile connectivity, and unified communications.

Eliam-Jay works at STREAMWIDE, a globally recognized leader in the development of critical communications software solutions and carrier-grade value-added services. His work is dedicated to advancing secure and resilient communication infrastructures that support mission-critical operations across various sectors

Title of Presentation : Digital Transformation in Mission-Critical Communications: Enabling Seamless Transitions from legacy to PTTtoC Solutions

Presentation Abstract:

Smart mobile devices are rapidly becoming essential work tools for professionals. They are gradually replacing other equipment, becoming more powerful and connected, and helping teams and companies work as one.

As the chemical industry moves toward digital transformation, reliable and efficient communication remains key to operational safety and productivity. This presentation explores the transition from traditional two-way radio systems to modern broadband Push-to-Talk over Cellular (PTTtoC) solutions, highlighting the role of hybrid PoC/Radio systems in ensuring a smooth evolution.

We will examine how MCx (Mission Critical Services : PPT, Video, Data) solutions support a secure and seamless transition from legacy systems to broadband networks (public or private 4G, 5G, and Wi-Fi). These technologies not only maintain business and mission-critical



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communication without disruption but also introduce key innovations and new workflows, such as remote expertise and process digitalization, into industrial environments.

From advanced integration with explosion-proof devices to the next generation of broadband capabilities, this session provides insight into how the chemical industry can stay ahead in a rapidly evolving technological landscape. Through simple technical knowledge and real-world case studies, we will demonstrate how industries are already using these technologies that are becoming the new standards.