

Smart Cities Chronicles | XQ Message

Episode 95

Quick Deploy Zero Trust Cybersecurity

Junaid Islam, CTO and Board Member of XQ Message



<https://www.linkedin.com/in/junaidislam/>





Junaid Islam
CTO & Board Member
XQ Message

Junaid Islam is a cybersecurity expert with 30 years of experience in secure communications. His background spans field operations to the design and development of protocols. Junaid's technical contributions have been incorporated into a broad range of commercial and government networks.

Junaid started his career in 1989, building data networks for the US and Canadian governments in South America and the Middle East. From 1993 onwards, Junaid focused on developing network protocols including Priority PVC Frame Relay which became the DoD's first MLPP implementation, IP-ATM interworking protocol which became the foundation for MPLS at Cisco, and the first Mobile IPv6 client for Net-centric Warfare. Currently, Junaid is leading the development of Zero Trust Data Protection at XQ Message.



What It Will Take to Protect Cities Against Cyber Threats

Problem: Cybersecurity Risks of SMART Cities Technologies - Cyberwar, Malware, Ransomware

- Technological advancements and dependency on SMART devices have led to increased cyber attacks. Cyberattacks on cities can generate significant damage leading to shutdowns on critical infrastructures and compromising vital services.

Preparation: Incident Response Plan → Cybersecurity Assessment → Seeking for a long-term security solution

- Municipalities within cities must take a holistic approach towards cybersecurity. Cities and towns must prioritize ensuring their vendors are securing their devices and technologies by design and not by adding a surface-level security solution.

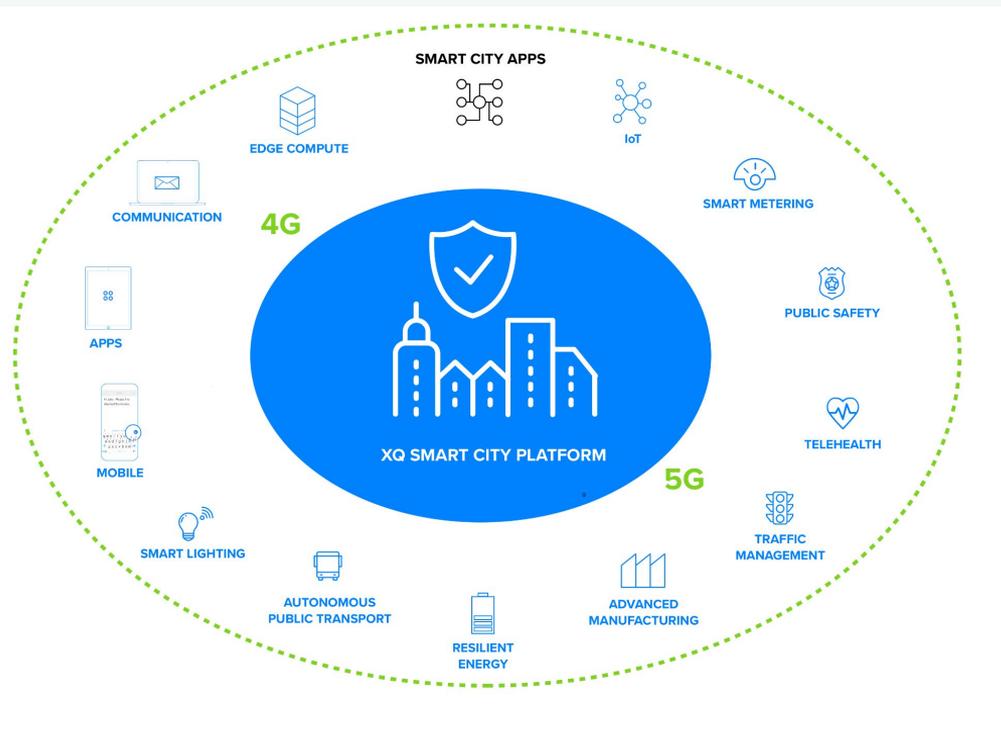
Solution: Zero Trust Data Protection → Encryption → Unique set of policies to the authorized user for decryption

- We make the data self-protecting by adding unique encryption keys so the data can travel safely wherever it goes. Our data protection solutions are based on the zero-trust principle, where verified users can only access data. With XQ, cities can encrypt the data in connected devices and secure the entire cities network and privacy from prying eyes.



XQ SMART CITY PLATFORM

XQ offers the most cost-effective, most advanced, and most SECURE SMART City IoT data protection technology on the market.



- Control IoT Data From the Edge to the Cloud Across Systems and Networks
- XQ's architecture separates data and keys as a countermeasure to data exfiltration attacks.

XQ SMART CITIES

<https://xqmsg.co/smart-cities>

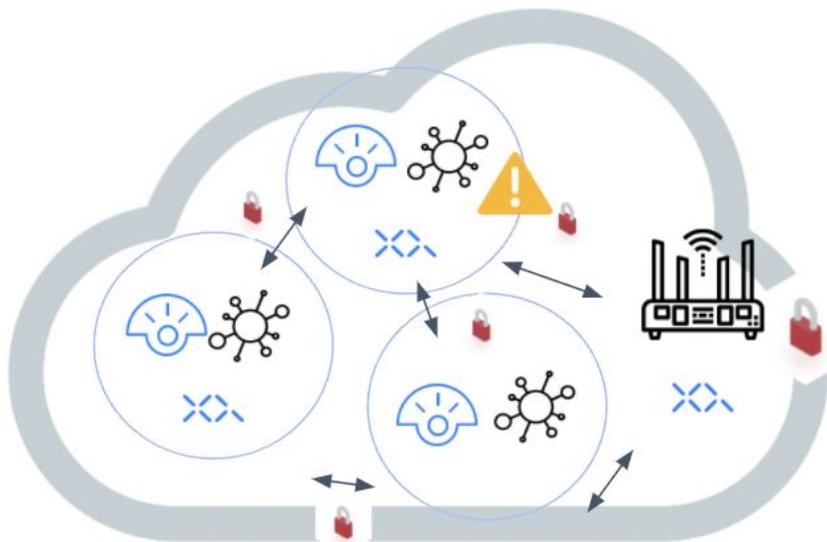




IMMEDIATE DETECTION, ALERTS LOGGING

Facility Network

Point to multipoint VLAN
MESH Network



Cloud Platform



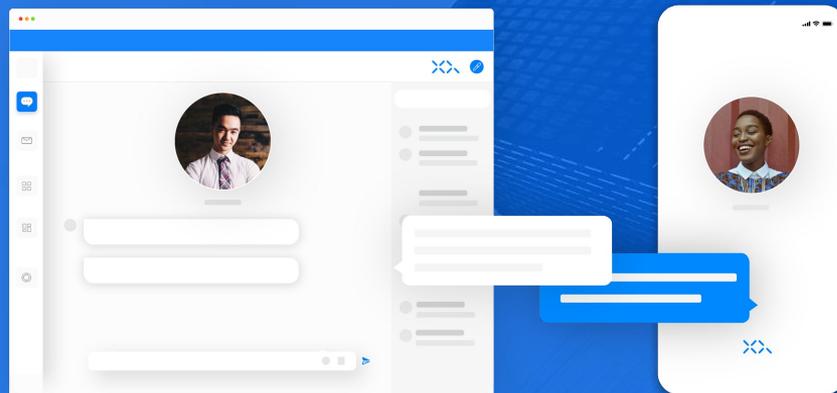
XQ SECURE CHAT

World's First Zero -Trust Architecture Customer Support Chat

- Total communication protection for city employees and city residents data
- End-to-end encrypted chat that is transparent, trackable, compliant, and leaves you in control of your data.

Key Features:

- Message encryption
- Embedded Chat on WordPress
- XQ Tracking
- Configuration Options (Expiration date)



Download Here

<https://xqmsg.co/secure-chat>

