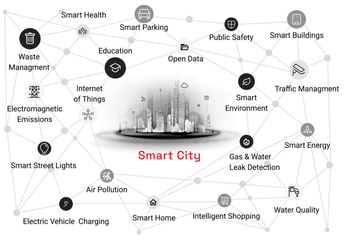
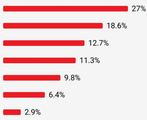
AI EDGE LABS

SMART CITIES CYBERSECURITY

Smart Cities Infrastructure



Smart City Services Under Cyber Attacks



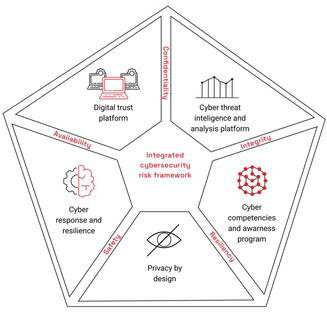
Smart Cities Cyber Attack Cases

Atlanta, Georgia's government systems were down due to ransomware and the attack costs amounted to $12.2 M

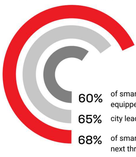
The Mirai malware attacked Dyn, who controls most of the internet's DNS infrastructure. The attack is estimated to involve over 100K malicious endpoints.

Allentown, Pennsylvania was hit by the Emotet malware costing nearly $1 M to mitigate.

Integrated Cybersecurity Risk Framework



Cybersecurity Preparedness of Smart Cities



60% of smart cities are unprepared for cyber attacks and only 29% feel well-equipped.

65% city leaders report that smart city programs are crucial for their future.

68% of smart cities are investing heavily in AI and 80% will do so over the next three years.

of 36 smart cities surveyed don't have someone assigned to be accountable for cybersecurity.

of all corporate boards believe a cyberattack or data breach will harm their businesses to some extent in 2022.

of attacks are expected to come from organized criminal groups or social "hacktivists".

The Smart Cities Cybersecurity Landscape

The global smart cities market size is projected to reach $6,061 B by 2030.

1.3 B wide-area network smart city connections are expected by 2024.

of IoT devices in smart cities and buildings are vulnerable to medium or high-severity attacks.

How AI can Advance Smart Cities Cybersecurity

reduction in accidents caused by exhaustion and fatigue once Dubai completed smart city projects that employed AI to monitor the condition of bus drivers.

After implementing AI safety measures, the city of Surat in India has seen a drop in crime rate of

The AI EdgeLabs Sensor provides in-place data protection and traffic modeling to understand the threats and vulnerabilities inside the Edge network. These threats can be reported to any SIEM system inside the smart city ecosystem on a specific dashboard inside AI EdgeLabs.

AI EdgeLabs is a robust, enterprise-grade, and AI-based platform that brings advanced network visibility, early threat detection, and automated incident response and remediation vital for the smart cities. Enriched with Deep Reinforcement Learning, our platform is smart and impressively accurate in detecting threats before they even have a chance to cause harm.

PROTECT YOUR EDGE & IOT ENVIRONMENT

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