



Illegal Dumping Prevention

Leveraging technology to save and improve lives

CHALLENGE

Community managers and planners have a responsibility to ensure public safety while also maintaining fiscal responsibility. However, crimes such as metal theft, illegal dumping, and vandalism can prove a heavy financial burden to tight and finite budgets, and in-person 24/7 security and monitoring can be costly and ineffective.



Cost to American Taxpayers from Illegal Dumping¹



Amount of Trash Illegally Dumped Every Year²



Estimated cost to local residents in a CA county for illegal dumping clean up³

Illegal dumping can happen anywhere - in alleyways, parking lots, or remote areas that people have access to. Dumping is particularly problematic in remote areas where “no one is watching.” Communities are left to clean up truckloads of tires, old furniture, or even hazardous waste left behind by others. By stopping illegal dumping before it happens, cities and counties can save hundreds of thousands of dollars associated with the clean-up costs and improve the associated environmental risks.

Source: 1. Keep America Beautiful Organization
2. Dumpster.com
3. Water Health Educator

SOLUTION

IntelliSite's SCaaS™ for Public Safety incorporates advanced video analytics, edge video recording, LED light, and loudspeakers, IntelliSite software offering a comprehensive AI-enabled IoT solution that immediately stops illegal dumping. The solution is deployed through UIGs on light poles throughout the community, integrated with IntelliCare's™ 24/7 security-level monitoring system, and “voice-down” capabilities to stop perpetrators while in the act to proactively address events.



KEY SOLUTION BENEFITS



IntelliSite's Universal IoT Gateway™ (UIG™) enables edge computing and wireless connectivity.



Use pattern matching to detect people involved in suspicious activities associated with illegal dumping.



Multiple AI-enabled Cameras with centralized management through IntelliSite's DeepInsights™ dashboard.

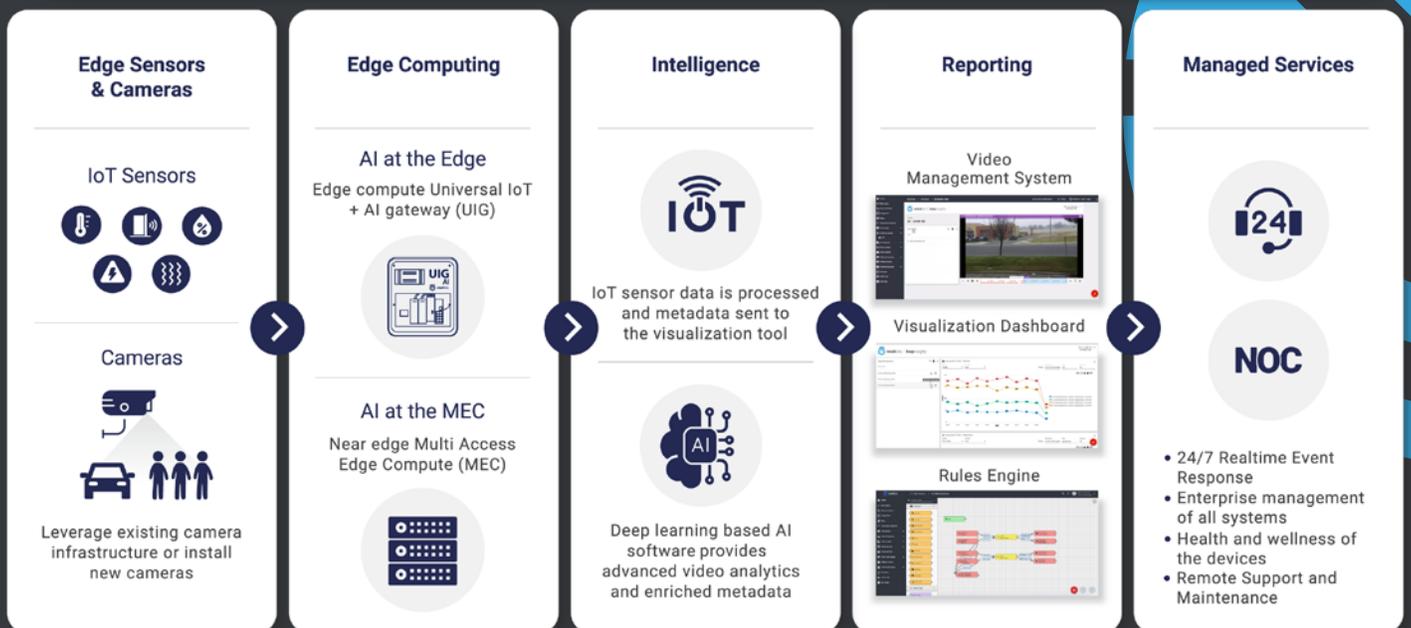


Enable "voice-down" commands to thwart activity in progress.



IntelliCare 24/7 "Remote Guarding" service for real-time response to alerts, providing police augmentation in areas outside of a patrol route.

THE MOST COMPLETE SOLUTION



MAKING SMART COMMUNITIES AFFORDABLE



IntelliSite's unique offer of "Smart Community as a Service" (SCaaS) enables cities and municipalities to benefit from our technology with an affordable monthly fee. SCaaS eliminates the initial capital expenditure and combines the cost of the all the solution components:

- Edge compute UIG hardware
- Our innovative IntelliSite software suite
- IntelliCare 24/7 remote agent monitoring
- HD cameras
- IoT sensors

All-in-one simple price that's only a few hundred dollars per month provides a very low barrier to access cutting-edge security technology powered by AI and IoT.



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