

MKM Cube Amazon CloudFront



Ecube Labs provides a comprehensive smart waste management solution that consists of various combinations of hardware such as smart bins and sensors as well as software such as CleanCityNetworks (CCN) and CCNx.

CCN is a cloud-based web and app platform for managing smart bin and sensor assets, monitoring and collecting various data such as fill-level history and waste generation patterns, and analyzing data such as collection efficiency to provide actionable insights.

CCNx takes this a step further by providing asset tracking of collection vehicles and handling dispatch, routing, and optimization features to further enhance the efficiency maximization capabilities of CCN.

The feature-rich CCN and CCNx combined with the sheer number of IOT assets in deployment can create a heavy load for clients such as MKM Cube, who have the additional factor of having end-clients spread across the European continent. In 2019 during the early stages of deployment, there was concern of potentially degraded experience for European end-users of CCN and CCNx as Ecube's AWS server was out of Oregon.

This proved to be an easy fix with Amazon CloudFront CDN service which enabled fast and smooth access to CCN and CCNx for our European and even our Asian customers which continues to this day without issue.

About MKM Cube



MKM Cube was formed with the goal of increasing the level of efficiency of waste collection operations and does so by applying smart IOT green-tech in today's smart cities, enabling a paradigm shift in waste infrastructure management.

About Ecube Labs

Ecube Labs is an innovative green technology company committed to providing eco-friendly waste management solutions for smart and sustainable cities of tomorrow.

