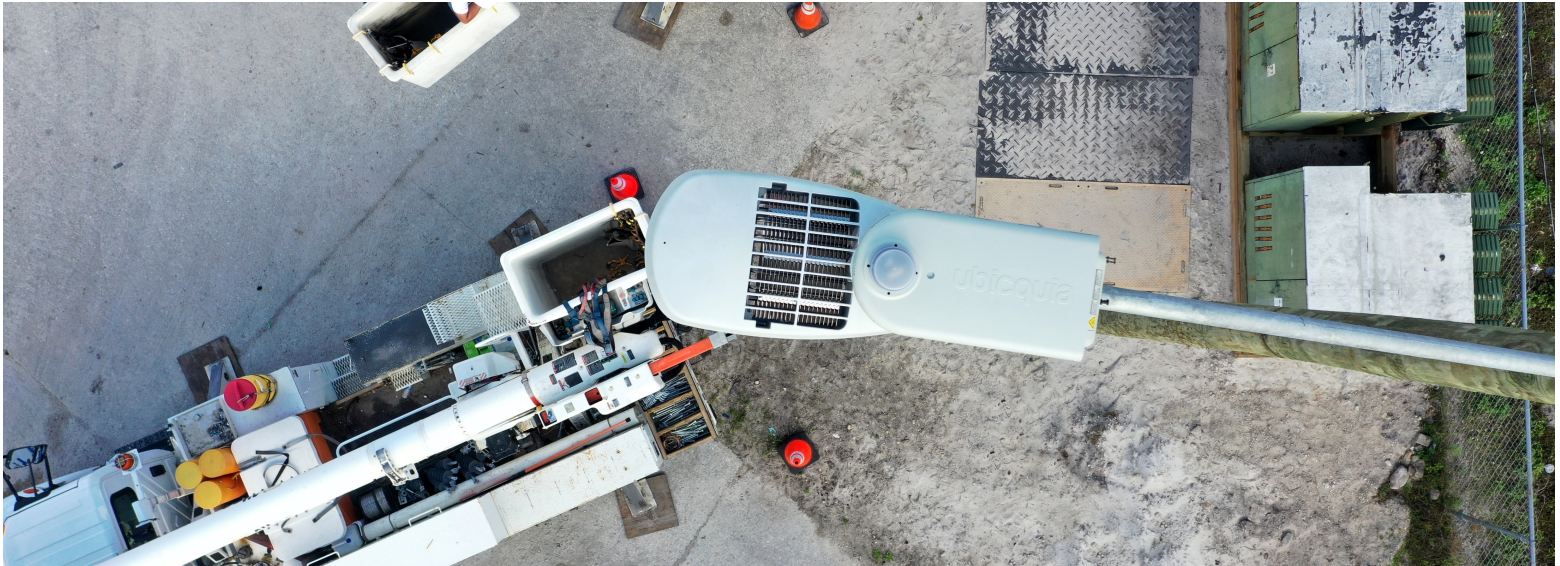


Unlock the Potential of Your Streetlight Network with Attachment Agreements

Enable Safer, Smarter Cities and a Robust Revenue Opportunity



STREETLIGHTS ARE OFTEN OVERLOOKED. THEY SHOULDN'T BE.

Streetlights serve a vital role in urban infrastructure—lighting our streets and sidewalks to keep us safe at night. However, these streetlights are also an underutilized asset with untapped potential, far beyond just lighting. Streetlights offer a reliable power source and a prime location to deploy smart city technologies—such as small cells, networked lighting controls, and automated license plate recognition (ALPR) cameras.

By providing access to this existing infrastructure, streetlight and pole owners can help third-party organizations (like police departments and mobile operators) avoid the high cost, disruption, and eyesore of installing new poles or towers. This approach provides an efficient way to introduce services like public safety monitoring, improved connectivity, and customized lighting—all while monetizing existing assets through providing access.

To enable these opportunities, municipalities and utilities enter into attachment agreements which outline the terms for allowing third-party technologies to be installed on streetlight networks.

UBICQUIA CAN HELP YOU CREATE PRODUCTIVE ATTACHMENT AGREEMENTS.

An attachment agreement is a formal partnership between a municipality or utility and a third-party technology provider, allowing the installation of smart devices on existing infrastructure, such as streetlights and utility poles. These agreements provide access to mount technologies like lighting controls, cameras, and small cells onto streetlights, transforming them into multi-functional assets.

The municipality or utility benefits by monetizing their streetlight network via leasing fees, while enabling their community to adopt smart city technologies quickly and cost-effectively while maintaining the aesthetics of the cityscape.

Ubicquia has a proven track record of working with streetlight owners across the U.S., including in Florida, California, Texas, Indiana, Kentucky, Maine, the Carolinas, Ohio, and Georgia to name a few. Our experienced team specializes in navigating the complexities of attachment agreements, ensuring that each project is executed smoothly and efficiently.

BENEFITS OF ATTACHMENT AGREEMENTS



Improve Public Safety

Provide understaffed police departments access to your streetlights to deploy License Plate Recognition cameras that make investigations viable and more efficient.



Robust Revenue Opportunity

Providing access to your streetlights for new, innovative technologies can not only help communities address connectivity, safety and environment issues, but also serves as a source of revenue that can be used to further these efforts.



Improve Cellular Connectivity

Make it easy for mobile operators to add network capacity and coverage without building new and obtrusive cell towers. Ubicquia has brokered deals with small towns and carriers to remove cellphone dead spots in minutes.



Address Environmental Concerns

You can provide access to your poles for streetlight controls that help reduce lighting pollution to protect your dark sky. Your poles can also host air quality monitors.

USCELLULAR USED STREETLIGHTS TO DOUBLE TOWN OF RUMFORD'S CELLULAR CAPACITY

In 2023, the Town of Rumford, Maine, entered into a Master Streetlight Attachment Agreement with Ubicquia. This agreement allows UScellular to transform streetlights into small cell sites in under 15 minutes without disrupting their primary function.

"Smart cities are built on connectivity, and by granting streetlight attachment rights, we enable UScellular to strengthen network coverage for our citizens without cluttering the cityscape," says Economic Development Director George O'Keefe of the Town of Rumford. "We also generate revenue from existing infrastructure. It is a win-win."

"This project represents a significant milestone as we continuously strive to identify the most efficient ways to enhance wireless connectivity in the communities we serve," said Mike Irizarry, UScellular EVP & CTO. "Doubling network capacity in such a short timeframe and in a cost-effective manner demonstrates the transformative potential of this technology."



YORK, MAINE REJECTED NEW CELL TOWERS AND LOOKED FOR LESS OBTRUSIVE APPROACH



In response to long-standing cell service dead zones in York, Maine, the town's Selectboard voted to enter into a contract with Ubicquia to install streetlight small cells throughout the area. These small devices, mounted on streetlights, will provide 5G coverage for a quarter-mile radius. The project aims to address poor service, especially during the summer tourist influx, when wireless service becomes particularly unreliable.

“The agreement with Ubicquia comes at no cost to the town and even generates a small royalty for each installed device”, according to York’s IT manager, Alex Gagnon.

After years of denying attempts to build new towers or traditional cell sites, which faced opposition from

residents, the town sought alternative solutions. Streetlight small cells offer an unobtrusive option, reducing the need for large, visually intrusive towers while improving both coverage and capacity.

With the contract signed, Ubicquia will work with wireless operators to oversee installation in partnership with Central Maine Power, using existing fiber on telephone poles. The street radio is designed to be nearly invisible from the street and will provide enhanced service through partnerships with major carriers like Verizon and AT&T.

The town hopes this innovative approach will fill the coverage and capacity gaps while maintaining York’s aesthetic charm.

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LOCAL

York looks to tackle cell phone dead zones: Will streetlight small cells be the answer?

Max Sullivan Portsmouth Herald
Published 5:01 a.m. ET Aug. 15, 2024 | Updated 8:22 a.m. ET Aug. 15, 2024

YORK, Maine — Can you hear me now?

Town officials say they have a solution to York’s widespread problem with cell service dead zones, which can be implemented anywhere there is a light on a telephone pole.

Streetlight small cells, devices mounted on streetlights, could soon provide 5G coverage for about a quarter-mile radius. The Selectboard has voted to enter a contract, pending legal review, with the company Ubicquia to install these devices throughout the town.

seacoastonline North Hampton crash: Wrongful death lawsuit target

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LOCAL

‘We didn’t have a clue.’ York residents seek a moratorium on cell tower facilities.

Camille Fine Portsmouth Herald
Published 5:09 a.m. ET Sep 27, 2021

YORK, Maine — A group of concerned residents urged the town to impose a moratorium on new cell tower facilities, including cell towers.

Along with the moratorium, the petition committee to study the human and environmental impacts of cell tower technologies.

Torbirt Macdonald, a former member of the committee with 140 signatures to the petition.

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LOCAL

York rejects 120-foot cell tower to fix dead zone: Here’s why and what comes next

Max Sullivan Portsmouth Herald
Published 8:07 a.m. ET Sept. 20, 2022 | Updated 10:42 a.m.

YORK, Maine — A proposed new cell tower in the woods at 162 York St. behind the town’s water tank was rejected by the town’s Appeals Board.

The board voted unanimously Sept. 14 to reject the tower. The town’s Selectboard had previously rejected the tower. The board members said they were bound to reject the variance by the town’s Selectboard.

York residents sue to stop new cellular antennas on water tank

by WQME Staff | Tue, July 23rd 2024 at 7:52 AM
Updated Tue, July 23rd 2024 at 7:59 AM



SMARTER, SAFER, AND MORE CONNECTED WITH UBICQUIA STREELIGHT PLATORMS

Small Cell Deployments



- For partnerships with mobile service providers
- Street Radio®, a collaboration between Ubicquia and Ericsson, turns streetlights into small cell sites in under 15 minutes
- Cuts the cost of small cell deployments by ~70%
- Reduces the deployment timeline by ~90%
- Nearly invisible from the street
- Deployed by UScellular and AT&T to expand cellular network capacity and coverage

Smart Camera Deployments



- For partnerships with law enforcement, businesses, and public works.
- UbiHub® processes and stores video evidence and backhauls it to a central site
- Cuts time and cost of deploying LPR cameras
- Integration partnership with Genetec, Motorola and Flock Safety
- Deployed in San Diego, Los Angeles, Las Vegas, Dallas, Brookhaven

Environment Sensor Deployments



- For partnerships with cities, sports teams, businesses and public organizations
- UbiCell® Streetlight Controller controls streetlighting
- Optimizes lighting levels for the environment they operate in
- Reduces sky glow and protects natural habitats from lighting pollution

EXPERIENCED TEAM READY TO GUIDE YOU THROUGH THE PROCESS

Ubicquia’s attachment agreement leadership team has over 90 years of combined experience securing attachment agreements, deploying networks, and working with cities to improve safety, communications, and operations. The team has created a simple process and pricing structures. We have also worked to broker partnerships

between municipalities, utilities, and mobile operators. We understand the regulatory and operational challenges and can work with you to ensure a smooth process. Please contact us at info@ubicquia.com to turn your streetlight and utility pole network into revenue-generating assets.

About Ubicquia

Ubicquia makes critical infrastructure intelligent to improve energy efficiency, grid resilience, and asset management for utilities and municipalities. Harnessing the power of advanced analytics and AI, Ubicquia processes 2 billion data points daily, providing insights to optimize the operations of streetlights, distribution transformers, and utility poles. Its platforms are deployed in more than 800 cities and integrated with leading streetlight, transformer, and public safety solutions.

To Learn More:

www.ubicquia.com

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