

Cox Continues to Drive Smart Community Innovation in Henderson, Nevada with Cox2M

Nevada's second-largest city using Cox2M solutions to enhance its water and parking management systems

ATLANTA and HENDERSON, Nev., July 22, 2021 – [Cox Communications](#) announced today its continued Smart City initiative with the [City of Henderson, Nevada](#). The two organizations share a vision of the future city, where a resilient and forward-looking infrastructure supports next-generation services and improves the quality of life for residents and visitors alike.

Building on the success of their [2020 Smart Streetlight Management](#) project in which the City realized energy and operational cost savings, [Cox2M](#) - the Internet of Things digital transformation engine within Cox Communications – is further expanding its project into Smart Water Meters and Smart Parking.

Smart Water Meters can help create a more resilient infrastructure, and just like Smart Street Management, can generate cost savings in the form of early leak detection, preventing main breaks through early freeze detection, and reducing truck rolls by providing the ability to remotely actuate the water valve. Given ongoing drought conditions, it was vitally important to evaluate the City's current water management system and implement solutions to manage this critical resource.

With a resilient infrastructure in hand, the City is focused on delivering improved customer experiences such as a Smart Parking solution to help guide residents and visitors to its revitalized downtown Water Street District, including the new Lifeguard Arena and exciting new bars, restaurants and shops.

Cox2M brought an ecosystem of best-in-class Smart Water Meter and Smart Parking solutions to find the optimal fit for the City's needs. In Henderson, Cox tested water meters that communicated on both LTE and LoRA networks to determine which was more scalable and financially sustainable for the City. Additionally, two types of hardware were deployed to gauge the accuracy of meter reads, the quality of data generated, and the impact of remotely controlling the water meter. Through this project, the City will be armed with the data necessary to decide if, when, and how a scaled deployment could take place.

These questions of impact and scalability are ones that Cox validates with partners like Henderson in every solution it brings. To enhance parking downtown, Cox2M focused on implementing the best Smart Parking solution that struck a balance between generating rich data and being financially scalable. The resulting solution was deployed at the City's Water Street parking structure at 235 S. Water Street and could detect and monitor multiple parking spots using a single sensor, thereby saving on hardware and installation costs – all while generating real-time data on occupancy, utilization, and turnover down to a per-spot level.

The data from both solutions is integrated into Cox2M's Smart Communities Platform, allowing the City to draw operational

insights and use that data to plan and create new policies to support future activities.

The Smart Water insights not only enable the city to monitor its water infrastructure, but it also allows the city to accurately measure and display water usage back to its residents, helping with billing and reconciliation. The Smart Parking insights tell the City how different events may attract different volumes of visitors and when peak usage days or hours are to determine if the parking capacity is enough. Additionally, this data can be integrated into third party applications to provide easy wayfinding for residents and visitors to open spots.

Efficient management of the City's infrastructure and parking assets creates a better human experience and promotes economic development in the area as more people journey to the Water Street District to live, work, and play.

"Our ongoing partnership with Cox continues to be a welcomed benefit for our community," said Robert Herr, chief infrastructure officer and assistant city manager for the City of Henderson. "We look forward to seeing the results of these newly established efforts focused on water conservation and parking enhancements within the Water Street District and the potential this will have to improve quality of life in our community."

"Successful smart community innovation requires robust and reliable data. That is why we invest tremendous effort testing and integrating the best IoT solutions into our platform," said Barak Weinisman, Vice President, Cox Communications Cox 2M and Smart Communities. "This pilot program will allow Cox to get real-time data that can be utilized by the city to improve efficiency in water conservation and parking resources."

Together, Cox and the City will continue innovating and implementing Smart City solutions to build a stronger and more vibrant community.

For more information about Cox2M and its solutions, please visit cox2m.com

About Cox2M:

A Cox Communications business line, Cox2M is committed to enabling truly connected environments by providing commercial Internet of Things (IoT) solutions to businesses and communities. Cox2M is a long-term digital transformation partner to its customers and delivers a platform and ecosystem of solutions that lay the foundation for innovation and advancement. Cox2M's end-to-end solutions seamlessly integrate connectivity, hardware, software, and analytics to solve customer problems. Cox2M currently serves the automotive, agriculture, energy distribution and cities sectors.

About Cox Business

The commercial division of Cox Communications, Cox Business provides voice, data and video services for more than 355,000 small and regional businesses nationwide, including health care providers; K-12 and higher education; financial institutions; and federal, state, and local government organizations. The organization also serves most of the top-tier wireless and wireline telecommunications carriers in the U.S. through its wholesale division. For more information, please visit coxbusiness.com.

About Cox Communications

Cox Communications is committed to creating meaningful moments of human connection through technology. The largest private broadband company in America, we proudly serve six and a half million homes and businesses across 18 states. We're dedicated to empowering others to build a better future and celebrate diverse products, people, suppliers, communities and the characteristics that make each one unique. Cox Communications is the largest division of Cox Enterprises, a family-owned business founded in 1898 by Governor James M. Cox.

About the City of Henderson

Incorporated in 1953, Henderson is Nevada's second largest city with more than 317,000 residents. Henderson is a premier city, nationally recognized for its stunning parks, trails, master-planned communities, outstanding quality of life and patriotic past. Recognized as one of America's Best Places to Live (MONEY and Liveability.com), one of America's Best Cities (Business Week), one of the safest cities in America (Forbes, InsuranceProviders.com, Law Street Media, Movato.com), and a Bicycle Friendly Community (League of American Bicyclists), Henderson is a progressive and vibrant city committed to maintaining premier amenities and services for all who choose to live, learn, work and play in Henderson ... a place to call home. For more information about the City of Henderson, please visit cityofhenderson.com.

CONTACT

Victor Cooper

Victor.cooper@cox.com

404-670-0693

Maddie Skains

Public Relations Coordinator | City of Henderson

Madeleine.skains@cityofhenderson.com

O: 702-267-4035 | C: 949-510-892

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