

## The University of California, Berkeley Partners with NTT to Accelerate Smart Technologies

**Berkeley, Calif. – May 18, 2020** – [The University of California, Berkeley](#) and [NTT Corporation](#) (NTT) today announced a connected campus pilot project that will leverage technology to transform the UC Berkeley Parking and Transportation Department by analyzing patterns, easing traffic congestion and increasing pedestrian safety in the Bancroft Way area of campus.

The pilot will incorporate NTT's Accelerate Smart data platform and [Dell Technologies'](#) edge micro datacenter infrastructure to deploy high-definition optical sensors and IoT devices that monitor traffic-related issues. These smart technologies will provide data to facilitate enhanced traffic management and mobility. As a first step in their "Connected Campus" initiative, UC Berkeley will leverage vehicle counting and classification to make informed decisions and develop specific solutions.

"At Berkeley, we are always trying to stay on top of emerging trends in parking and transportation, and by incorporating smart technologies, our campus can serve as a test bed for new technologies that can be put into operation immediately," said Seamus Wilmot, Director of Parking and Transportation, UC Berkeley. "Our partnership with NTT and Dell Technologies makes us more digitally-enabled and provides a better understanding for alleviating the root causes of traffic issues. These technologies will help us solve how to manage the curb space at an area that has been challenging for our students, faculty, staff and partners."

As part of the pilot, NTT and Dell Technologies will implement smart Internet of Things (IoT) safety and security innovations that support UC Berkeley's Parking and Transportation Department, such as real-time alerts and traffic statistics that improve predictions and outcomes. With quantifiable data, UC Berkeley can curb congestion caused by events, ride share traffic, delivery vehicles and transit operations.

The pilot program is designed to provide automated deployment and operation of necessary information and communications technology (ICT) resources, from devices and networks to the cloud. The solution will enable UC Berkeley to focus on improving traffic conditions through analysis and to implement processes more efficiently without worrying about ICT deployment and optimization issues.

"This traffic management pilot program begins UC Berkeley's transformation to a Connected Campus," said Akira Shimada, Senior Executive Vice President, NTT. "Connected Campuses of the future will offer endless possibilities—for safety, crowd control, traffic and facilities management. UC Berkeley is just getting started, but as a world renowned forward-thinking academic and research University, they see the potential to improve the campus experience and operations using data and smart technologies."

NTT, along with its operating companies, will deploy its Accelerate Smart solution, which is a secure, distributed network-as-a-platform solution built on NTT's innovative Cognitive

Foundation™ architecture. It also incorporates hyperconverged infrastructure and IoT gateways from Dell Technologies, as well as virtualization software hosting predictive analytics applications from VMWare.

“When we leverage longstanding relationships with great partners like NTT, our joint customers can transform the way they do business,” said Denise Millard, Senior Vice President, Global Alliances, Dell Technologies. “Together we are able to provide customers like UC Berkeley with new tools to leverage data in meaningful ways and make decisions faster to ultimately improve the experience of those on campus.”

Following the initial pilot, UC Berkeley, NTT and Dell Technologies plan to evaluate viability to extend the pilot and potentially add additional locations and use cases on campus. To learn more about the NTT accelerating smart solutions, visit [NTT DATA's website](#) and [watch the Accelerate Smart case study with the city of Las Vegas on YouTube](#).

### **About NTT**

NTT is a global technology and business solutions provider. We help clients accelerate growth and innovate new digital business models of the future. We provide business consulting and technology services for global networks, cybersecurity, managed IT and applications, workplace, datacenter and cloud services all supported by our deep industry expertise and innovation.

As a top five global IT services provider, our globally diverse and inclusive workforce supports clients in 80+ countries and regions. This includes 85% of the Fortune Global 100 companies and thousands of other clients and communities. With a 120-year heritage of service, innovation and social responsibility, we always advocate and act for our clients and a sustainable future. For more information on NTT, visit [www.global.ntt/](http://www.global.ntt/).

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