

NTT DATA Smart Solutions

Empowering data to make a better world



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The modern organization lives in a data-driven environment. With the advent of the Internet of Things (IoT), increasingly more sensors and data devices are connected to the internet and each other, generating an unprecedented amount of data. Knowing how to handle this data and how to take advantage of it is the key to creating actionable information and predictive analytics and organizational success.

Together with our partners, NTT DATA Smart Solutions are harnessing the power of Data. We are driving new solutions that push the envelope on existing technologies. We are looking toward the future to imagine the possibilities that technology can bring to improve livability in urban centers, education campuses and beyond.

NTT DATA Smart Solutions have been developed by NTT DATA, a top 5 global technology and business solutions provider that works with organizations to manage and operate complex IT resources so they can achieve their strategic goals, accelerate their growth and develop new business models.

NTT DATA services include digital business consulting, technology and managed services for cybersecurity, applications, workplace, cloud, data-center and networks – all supported by NTT DATA deep industry expertise, innovation and solutions.

NTT DATA delivers services in over 190 countries and regions to 80%+ of Fortune Global 100 companies and

Using Technology for a Smarter Campus

Leveraging our big data engine, NTT DATA Smart Solutions can reveal trends that enable education campuses to make better decisions and ultimately enhance the student experience while improving their safety and security.

We have created an agile, robust cognitive foundation of information and communications technology (ICT) systems. The systems “think” and can assess multiple data sources, perceive current conditions, and plan, decide and act on those conditions. It is possible for our solution set to even learn from the consequences of its actions, using past knowledge to refine current and future decisions.



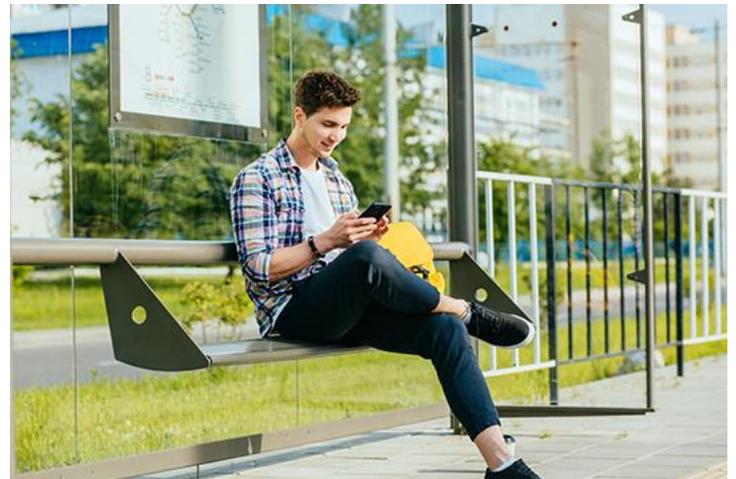
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Creating a better Campus

There are many ways in which NTT DATA Smart Solutions can enhance student experience while improving their Safety and Security.

- **Enhanced Campus Safety:**
 - Occupancy management: people counting, and utilization analytics and predictions to enable contextual, situational awareness and insight to align to safe standards
 - Alarming Sound detection: alerts to safety officials upon detecting a breaking glass or panic scream
 - Crowd monitoring and detection: crowd crushes and riots prevention through early large crowds' detection
- **Enhanced Mobility:**
 - Traffic Volume management: vehicle counting and parking conditions
 - Traffic patter analytics and predictions: digital analysis and predictions for planning of repairs; curb utilization and monetization
 - Wrong way detection: wrong way turn or non-permitted entry alerts
- **Enhanced Energy Management**
 - Occupancy Management: utilization metrics for tracking occupancy and usage
 - Facilities Monitoring: predictive maintenance, outage alerts
 - Overall Equipment Efficiency: production processes KPI



Accelerating University of California at Berkeley

The University of California at Berkeley engaged NTT DATA Smart Solutions in a partnership to improve curb side traffic and transportation control around segmented locations on the main campus. The outcomes were not long in coming...

- 100,000+ vehicles counted.
- 5 unique traffic congestion reasons identified.
- Key traffic patterns and average delays during congestion identified and reported in real time.
- Traffic classified – Major vehicle categories contributing to traffic congestion identified.

Why NTT DATA?

NTT DATA is your Innovation Partner anywhere around the world. With business operations in more than 50 countries and regions, we emphasize long-term commitment and combine global reach with a client-first culture to provide premier professional solutions and services from advisory, technical services to business IT outsourcing.

Let's Get Started

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