

Press Release

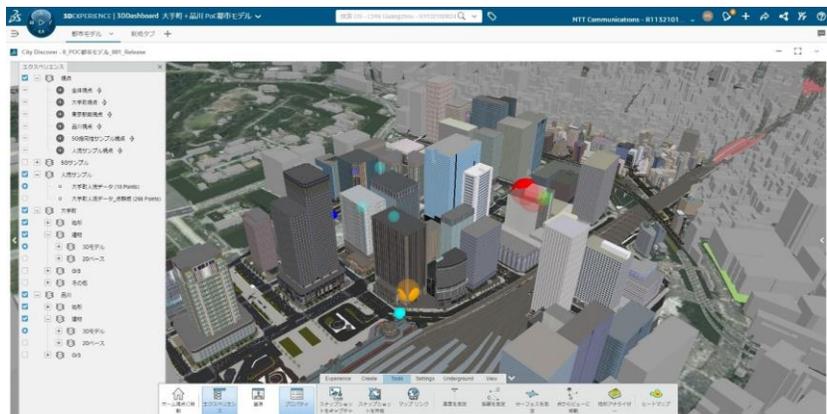
VELIZY-VILLACOUBLAY, France — Dec. 16, 2021

Dassault Systèmes and NTT Communications Announce Alliance for Sustainable Smart Cities in Japan

- Alliance aims to offer a scalable city platform that can be used to address urban challenges related to sustainability and resilience in multiple domains such as energy use and optimized mobility
- Collaboration, virtual twin technology and big data will drive projects on buildings, districts and cities
- First-of-its-kind alliance for Dassault Systèmes in this sector in Japan combines its 3DEXPERIENCE platform with NTT's Smart Data Platform for City transformation and operation system

[Dassault Systèmes](#) (Euronext Paris: FR0014003TT8, DSY.PA) and NTT Communications today announced that they have signed a memorandum of understanding to begin discussions on their alliance aimed to drive the creation and operation of sustainable smart cities in Japan. The two companies will use virtual twin technology and big data to explore solutions to challenges related to sustainability and resilience in multiple domains such as energy, starting with electrification challenges in mobility and other areas, as well as support companies that bring innovative technologies and new value to this sector.

As sustainability regulations grow and urban populations continue to rise, cities today are confronted with complex challenges that require more precise planning, development and management to optimize quality of life for their inhabitants. In parallel, cities and their infrastructure are getting smarter through the increased availability of sensor data.



Under the alliance, Dassault Systèmes and NTT Com will jointly, efficiently and collaboratively execute projects related to buildings, districts, and city management, in which a collaborative platform and virtual twin technologies will be deployed to orchestrate projects on the full value chain, manage sensor data, and simulate energy optimization, among other initiatives. In the future, they plan to expand the scope of their alliance to projects in mobility, tourism and disaster prevention. They will demonstrate their smart city projects at CROSS LAB for Smart City, an innovation hub opened by NTT Com in Japan in April 2021, and aim to work with diverse companies on imagining the smart cities of the future in Japan.

The alliance will rely on the expertise of both companies. Dassault Systèmes' 3DEXPERIENCE platform provides a single virtual environment that enables city stakeholders to collaborate across different domains, and simulate and explore scenarios integrating real-world data in order to test and improve ideas without risk. Dassault Systèmes also works with customers in industries having an increasingly integral role in urban development such as automobile original equipment manufacturers, mobility operators, renewable energy operators and civil engineering providers.

NTT Com develops and delivers its Smart Data Platform for City, a unique city operating system that combines NTT Com's powerful communication technology network and internet of things capabilities to consolidate and analyze big data. It is used to develop optimized solutions for companies and municipal offices.

"The 'infrastructure and cities' sector is a strategic sector of the economy that requires new approaches to innovate and create sustainable experiences in areas such as mobility. Our alliance with NTT Com represents Dassault Systèmes' first joint development project on the 3DEXPERIENCE platform with a Japanese company in this sector," said Florence Verzelen, Executive Vice President, Industry, Marketing & Sustainability, Dassault Systèmes. "NTT Com is one of the biggest players in the IT and telecommunications industry and is successfully advancing city development and smart city projects in Japan. By combining our strengths, we aim to offer a scalable, dynamic smart city platform that helps cities in Japan address challenges and identify sustainable solutions in a collaborative, virtual way."

"NTT Com has accumulated a lot of experience in a number of city development and smart city projects," said Junya Kaga, Smart City Department Deputy Director, NTT Com. "With deep know-how and ICT knowledge of city planning and development areas, we have worked hard on several initiatives, using digital twins, in which we aim to create smarter cities. Aiming to realize such digital twins so that we can return tons of sensor data to actual cities for the purposes of disaster prevention, energy management and transformation optimization, we will continue using and verifying multiple projects using actual smart city fields with Dassault Systèmes, so that we can jointly create new value for smart cities."

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FOR MORE INFORMATION

Dassault Systèmes' 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

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Alliance between @Dassault3DS and @nttcom aims to drive the creation and operation of sustainable smart cities in Japan #3DEXPERIENCE

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NTT Communications solves the world's technology challenges by helping enterprises overcome complexity and risk in their ICT environments with managed IT infrastructure solutions. These solutions are backed by our worldwide infrastructure, including industry leading, global tier-1 public and private networks reaching over 190 countries/regions, and more than 500,000m² of the world's most advanced data center facilities. Our global professional services teams provide consultation and architecture for the resiliency and security required for your business success, and our scale and global capabilities in technology world are unsurpassed. Combined with NTT Ltd., NTT Data, and NTT DOCOMO, we are NTT Group. www.ntt.com | [Twitter@NTT Com](#) | [Facebook@NTT Com](#) | [LinkedIn@NTT Com](#)

ABOUT DASSAULT SYSTÈMES

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative 3D virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production. Dassault Systèmes brings value to more than 290,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com

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