

Digital Twin Technology

TRANSFORMS FACILITIES MANAGEMENT

Aramark's TwinOptix[®] asset and space management solution provides actionable, data-backed insight into your facilities.

Digital twinning is an exceptional way to capture and share information about your spaces, assets and exteriors. Creating a [virtual, dimensionally accurate representation](#) of your spaces — whether that's a production line, retail building, office or any other type of business — allows you to understand every inch of your facilities from anywhere.

And that has major implications for improving efficiency and profitability for industrial, commercial and retail organizations.

TwinOptix[®] INTEGRATION

With IoT Remote Monitoring

TwinOptix[®] uses Aramark's three-dimensional digital twinning web-hosted platform and integrates with your tools, including your CMMS, as well as with Aramark's Internet of Things (IoT) technology platform [AIWX[™] Connect](#).

This integration with IoT sensors means that your models can pull in real-time data and valuable insights about space utilization, equipment performance, air quality, exterior door usage, water leaks, energy consumption and more.

The combination of these two leading-edge solutions empowers fast, confident and data-driven decision-making that improves efficiencies and reduces costs.

- 53% cost savings on travel and site visits
- 30% more effective training than in-person or paper-based guidance
- 30% less time to complete projects
- 24% improved sustainability

Source: Matterport

TwinOptix[®] puts the power of digital twinning at your fingertips, revolutionizing what's possible with facilities management. The asset and space management solution enables you to view your buildings virtually, better understand your as-built spaces and more optimally manage your assets.

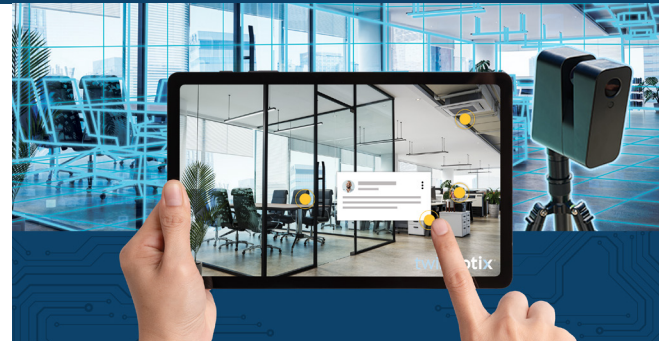
HOW DOES TwinOptix[®] WORK?

Scans capture visual and spatial data of your spaces and collect asset information, which then become virtual 3D models and 2D floor plans. TwinOptix[®] is flexible and scalable, suitable for both single locations or multiple sites over a distributed geography.

A suite of innovative features allows you to:

- Share digital notes and information in real-time with contractors, technicians or designers.
- Locate any asset or area with a keyword search
- Embed pop-up notes, asset information, safety items, videos, tasks or links with asset tags
- Take accurate measurements of anything featured in the digital twin
- Store historical information about equipment
- Access or share 3D videos and history of equipment before service or repair visits
- Effortlessly generate 2D floor plans
- Review 3D models of outdoor locations for assessing conditions and planning
- View your production floor layout of equipment

Remotely accessible, accurate virtual models take facility management efficiency and innovation to the next level.



FACILITIES MANAGEMENT CHALLENGES, SOLVED

Overcome pressing operational challenges to unlock new opportunities for cost savings, improvement and growth.



Maintenance and Repairs

Stay ahead of equipment issues with predictive maintenance insights, avoiding unexpected equipment downtime. Access and share asset information and history easily. Interface with your Computerized Maintenance Management System (CMMS) for data integrity and reducing time to close work orders.



Remote Site Visits

Allow employees, designers or contractors to explore your physical spaces and equipment without needing to be onsite or disrupt operations. Sharing virtual models of your spaces, assets and equipment avoids costly travel for site visits.



Sustainability

Reduce employee, contractor and designer traveling to buildings and or manufacturing plants. Reduce scope 1 Greenhouse Gas Emissions eCO2 from travel.



Employee Training

Improve training with detailed notes, relevant links and additional materials embedded directly into the 3D models using user-friendly tags. This immersive approach boosts understanding of the environment and equipment without needing to be physically present. Save time and costs by streamlining training development and ensuring consistency across locations.



Revenue

Take your entire real estate portfolio online. Accelerate lease and sales transaction cycles.



Space Planning

From design work to engineering, digital twinning allows you to map your spaces and share those plans remotely. Collaborate on asset placement, construction and interior design — as well as safety regulations, like the placement of smoke detectors or fire extinguishers — in ways that improve efficiency and potentially create savings.



Regulatory Compliance and Inspections

Store all asset inspection information, repair history and other documentation in a central location. Ensure knowledge sharing and improve cooperation between multiple sites to ensure compliance with regulations and operational consistency.



Emergency Planning

Convert 2D floor plans into emergency egress maps for your buildings. Enhance your emergency plans with 3D virtual models for security personnel and local law enforcement.



Renovation Cost and Time

Simplify the process of creating building information models and CAD drawings by leveraging data from the as-built reality captures. Eliminate time for architects and engineers by providing a jumpstart to the initial documentation and design assets.



Insurance and Restoration

Deliver accurate, transparent, and documents to your insurance carrier, claims adjuster and restoration company. Save time, cut costs and close claims much faster.

AT ARAMARK, we support hundreds of organizations every day, many of them with complex needs across locations. We know how to get things done. And with the TwinOptix® asset and space management solution, getting things done is easier, faster and more cost-effective than ever.

twinoptix®

To learn more about how TwinOptix® can transform your business' facilities management operations, visit our website or contact us today.

Contact Us Today

www.aramark.com

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