

SMART BUILDING CASE STUDY

PROJECT DETAILS

Number of Buildings: 9
Square Footage: 2 Million
Location: Toronto, Ontario, Canada
Project Status: In Progress
Start Date: January 2021
Target/Completion Date: June 2024
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GRAND CENTRAL MIMICO VANDYK PROPERTIES | SMARTONE SOLUTIONS VISION FOR MODERN LIVING

Grand Central Mimico™ is a master planned, mixed-use smart community designed for transit-oriented living to promote sustainable transportation. The all-inclusive neighborhood places residents at the center of everything for “convenience without a car.” Every suite is integrated with Vandyk’s Smart Connect™, a smart community technology system that elevates the living experience. Each suite is equipped with full smart home functionality, with an in-suite wall pad, digital door lock, and smartphone app, allowing residents to control and connect with their community from anywhere. Smart home function is extended through unique community services that include automated license plate reading, automated package delivery, shared electric mobility, digital marketplace, smart car charging and family care. A landscaped plaza, pathways, permeable pavement, green streets, green parking and green roofs will create a sustainable, resilient environment that’s healthier and more adaptable to climate changes.



Goals:

Operations Energy Efficiency Sustainability Tenant Experience Financial Optimization Health & Wellness

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CHALLENGES:

- Changing building design to support the technology
- Security best practices
- Data privacy
- Integration of various building systems and services
- Supporting business models

SUCCESSES:

- Integration of all base building systems
- Everything on one extensible app
- Retail mall integration
- Sustainability—advanced HVAC control
- Family care assistive technology

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