

| CIO 100

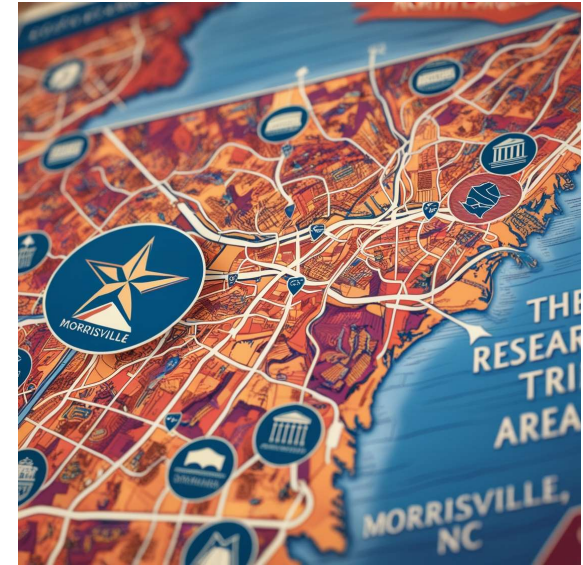
Symposium & Awards

Town of Morrisville – Facility Vision
Rick Ralph, CIO
Billy Whitehead, SCPM

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Morrisville, North Carolina

- Research Triangle Region
- Diversity – 46% Asian, 35% White, 10% African American, 9% Other
- Growth – 5,000 residents to 32,000 in ~20 years



Smart Morrisville

Data-driven. Community-focused. Future-forward.

INTERACTIVE GRAPHIC OF MORRISVILLE'S SMART CITY INITIATIVES*

Smart Morrisville Vision: Sustainable, community-driven, technology-enabled innovation to enhance the quality of life in Morrisville today, and in the future.

Smart Morrisville Mission: To use technology and data to improve operational efficiencies and positively impact citizen quality of life, while aligning with the Town's strategic goals.

To view the complete plan, please visit <http://bit.ly/SmartMorrisvilleNC>

*Graphical representation only. Not to scale. Subject to change.



CIO100 |  Morrisville

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Initiatives



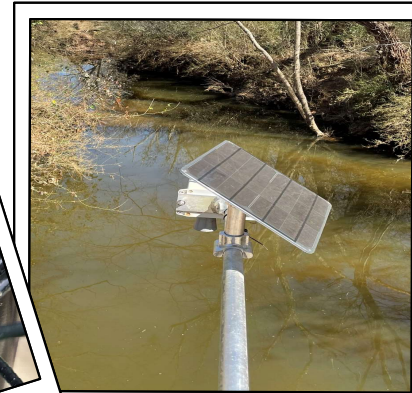
Trashcan Panda



MorrInsights



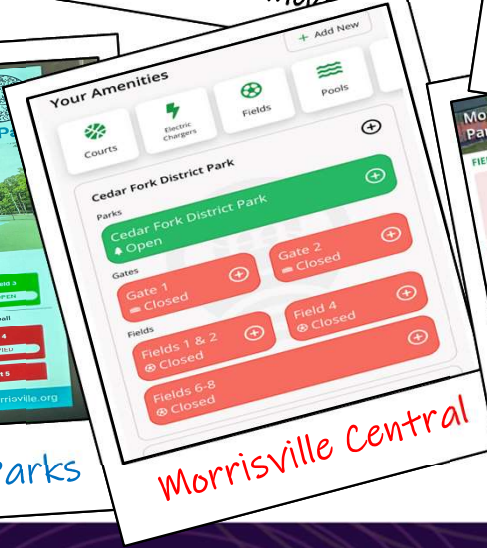
Amenity Vision



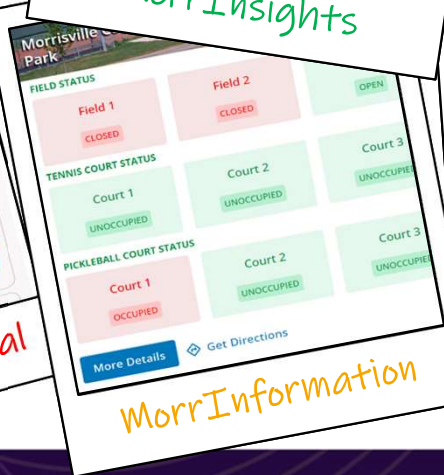
Connected Parks



Connected Parks



Morrisville Central



MorrInformation



MorrIdeas



MorrTransparency

Facility Vision

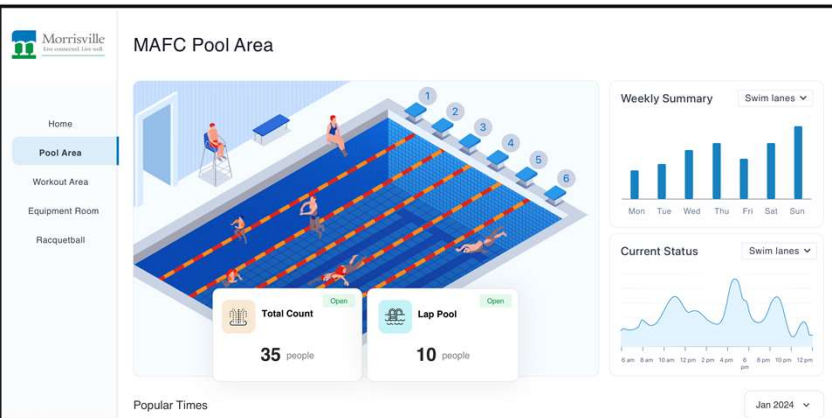
Utilizing IoT Sensors, Automation, and Analytics

Why?

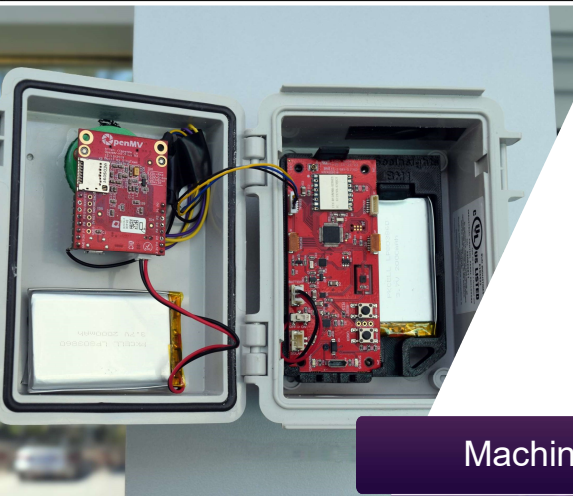
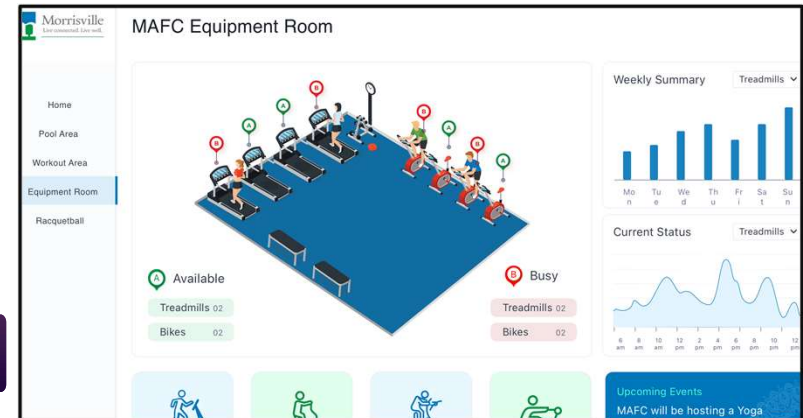
- Reduce
 - ✓ Revenue loss
 - ✓ Resident frustration
- Increase
 - ✓ Utilization
 - ✓ Visibility
- Improve operational efficiencies
 - ✓ Facility maintenance
 - ✓ Machine maintenance



How?



MorrInformation



Machine Vision

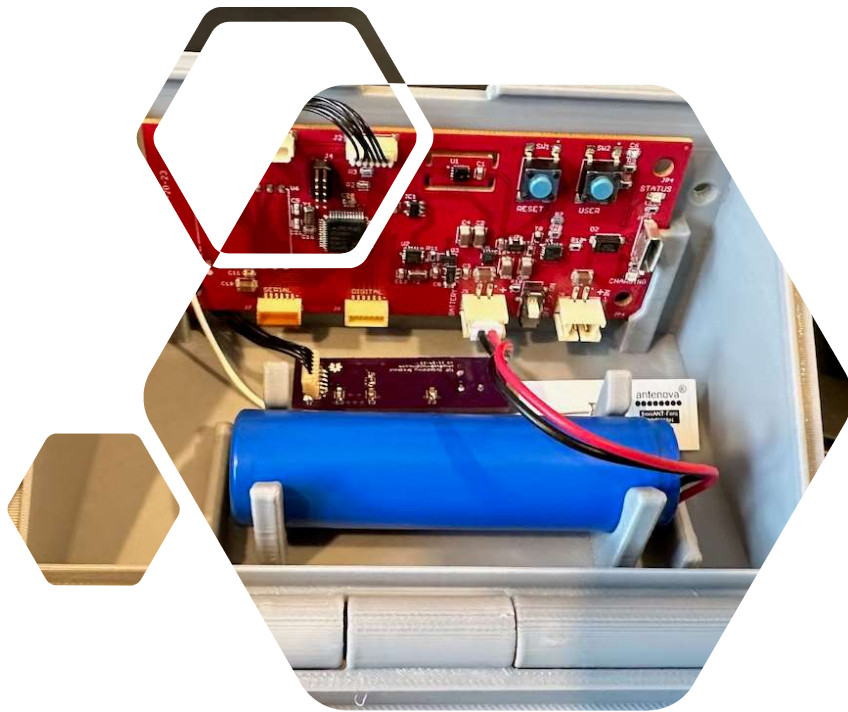


IoT Sensors



Challenges?

➤ Battery Life



➤ AI Model Optimization



Partner Ecosystem



Questions?