



CASE STUDY

How Oneida County is creating a smarter, more connected future for its public works organization

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Oneida County began using Asset Essentials in 2017 with its Building & Grounds division. Over the years, the county's public works department has gradually expanded its use of the CMMS across all divisions and has recently implemented Predictor as an add-on component.

Uncovering Operational Inefficiencies

Oneida County took its time to implement Asset Essentials throughout its public works department, garnering new learnings at every step, says Matthew Baisley, Commissioner of Public Works.

Managers would only print out work orders and give them to technicians, "to help them get accustomed to seeing the work orders and completing work that way," Baisley says. When the work was complete, technicians would report back to their supervisors, who would update the system. Once the change was absorbed, the team moved to using the Asset Essentials app on their mobile devices while in the field to increase their maintenance efficiency and save workers time.

As their work became more documented and organized within the CMMS, Oneida County uncovered some inefficiencies. For example, Baisley set certain days for deliveries in certain parts of the county, like only delivering to Utica on Tuesdays and Thursdays. This helped the division save time and money, while adding more predictability to workers' schedules. **"Asset Essentials has been a great tool to really get a view on what we were doing as a department and how we were doing it,"** Baisley says.

Boosting Visibility Across Sites

Oneida County's highways operation has three district garages across the county, and they traditionally operated in silos. Implementing Siemens asset management software has allowed the team to standardize processes and procedures across the entire operation. "We can send personnel from one garage to another, and they can hit the ground running because we're doing everything in a standard way now," Baisley says.

In addition to gaining visibility across sites, the software



Customer: Oneida County

Location: Oneida County, NY | Main Office in Oriskany NY County Seat in Utica NY

Vitals: County in Central New York State with:

- Population of approximately 230,000
- Three public works divisions: Engineering, Buildings & Grounds & Highways, Bridges & Structures
- Approximately 120 public works staff members

Results: With the Asset Essentials CMMS and Predictor add-on, Siemens helped Oneida County to:

- Uncover and correct operational inefficiencies
- Boost visibility across campuses and divisions
- Predict future maintenance and capital needs

has also allowed Oneida County to easily see the tasks and procedures handled by each employee. In the past, when longtime employees retired or left, they took a great deal of institutional knowledge with them. But now that every task is organized as a work order in the CMMS, the organization can keep that knowledge and allow for cross-training when needed.

“We encourage employees to include as much information as possible about what they do,” Baisley says. “It helps them too because if they’re on vacation, we won’t have to bother them if the information is in the system for us to handle it. It’s really created a better team atmosphere because everyone’s working together instead of just doing their own thing.”

Using Data to Plan Ahead

After the public work employees grew more accustomed to Asset Essentials, the department began allowing building occupants to start entering work orders when they observed problems. This has helped the facilities team learn about potential problems faster and save time and money by handling maintenance issues before they get worse.

“People are more comfortable entering an online work order than calling about something that may not appear to be a big deal,” Baisley says. “If they keep putting it off, it might eventually become a big problem. Because they have the ability to enter work orders, we’re more informed about what’s going on.”

Oneida County also recently started using Siemens Predictor to forecast future capital needs for their Highways & Bridges division and the Buildings & Grounds division. One of the first projects for Predictor is to “right size our fleet,” Baisley says.

Starting in July 2025, Oneida County will be using Predictor to develop and make capital requests for the coming year.

Learn more: assetmanagement.siemens.com



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Matthew Baisley

Commissioner of Public Works, Oneida County, New York, USA



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