

and full network redundancy and resiliency ensure that NYCWiN will be available in any situation.

Only *public safety grade* is good enough for NYCWiN. The network is designed to support public safety agencies (NYPD, FDNY and many others). Secure, encrypted end-to-end communications protect sensitive data. Data throughput is priority-driven, so urgent public safety data always gets the right of way. NYCWiN's next-generation communications infrastructure provides a foundation for the future. In addition to wireless, the network supports a wide range of communications capabilities and has the scalability to accommodate long-term growth.

Protecting the Public

NYCWiN brings unprecedented capabilities to public safety and law enforcement operations. During emergencies, wireless video capabilities allow information sharing between the field and City command centers, enhancing situational awareness. The network brings a field-based reporting capability to the NYPD. Officers can check mug shots and fingerprints in the field and access building and site data. NYCWiN can be used to support license plate recognition efforts for traffic congestion management or law enforcement, and can also be used to support

a wide array of sensors – including nuclear, chemical, and biological.

Improving City Operations

The transformation of City operations is unfolding citywide. The City has begun converting its 12,000+ traffic signals to wireless, resulting in improved traffic management. Automated water meter reading for more than 850,000 customers eliminates the need for field inspectors, produces better billing data, and proactively alerts the City to potential water leaks. Enterprise AVL raises the efficiency of vehicle use for more than 15 City agencies.

Rapid Returns on Investment

NYCWiN has significantly lowered or helped avoid costs. In their first year of operation, wireless traffic lights are eliminating leased traffic control circuits, saving \$8 million. Eliminating inspections with wireless meter reading saves \$3 million annually. And by using NYCWiN rather than developing a new infrastructure for wireless meter reading, the city was able to avoid a timely and multi-million dollar effort acquiring space, power, and telecommunications infrastructure. These results are just the beginning of savings that will continue through the years ahead.

NYCWiN continues to bridge the technology divide between life and government.

Capabilities that Can Be Supported on NYCWiN

- ✓ In-car video to operations and dispatch
- ✓ Incident video & situational awareness
- ✓ Mobile fingerprinting & mug shots
- ✓ Mobile command posts
- ✓ Handheld biometric identification
- ✓ Gun shot detection with integrated video
- ✓ CBRNE sensors with integrated video
- ✓ Warrant & license checks
- ✓ Automatic vehicle location
- ✓ Access to city, state, federal databases
- ✓ GIS and geospatial applications
- ✓ Access to building and site data
- ✓ Telemedicine & medical videoconferencing

Contact Us

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