

SUPERCHARGE ENERGY OPERATIONS WITH TRUSTED SECURITY SOLUTIONS

**ELECTRIC
UTILITIES**



**WATER AND
WASTEWATER**



**OIL
REFINERIES**



**NATURAL
GAS**



EXPLORE AVIGILON: A MOTOROLA SOLUTIONS COMPANY

At Motorola Solutions, our purpose is simple; we create mission-critical communication solutions to help our customers build safer cities and thriving communities. That's why we recently acquired Avigilon, an industry leader in video, access control and video analytics solutions, in our ongoing effort to provide trusted security solutions to our customers to help them be their best in the moments that matter.

In the modern world of utilities, when it comes to providing electricity to light the family kitchen, transporting clean drinking water across many miles to the tap, or delivering the natural gas that heats the oven — everything must follow a process. At the frontline of ensuring these processes remain consistent, is having the ability to instantly know when an incident occurs that can disrupt the critical work that needs to be done.

Avigilon access control and video management software is available to help utility operations ensure their critical processes are protected, so service levels remain high. Avigilon's advanced security solutions help ensure areas of the electrical grid that should not be accessed are protected, monitors entrances and exits at nuclear power plants, and keeps people, property and assets secure. Avigilon high-definition video cameras give your utility crews a proactive heads-up, so they can remain focused on servicing our most precious resources to the community.



MOTOROLA SOLUTIONS

VIDEO SURVEILLANCE AND ACCESS CONTROL

AVIGILON FEATURES

Complete Security Solutions

Enhancing the safety and security of utility operations is at the forefront of providing critical resources to the community. Avigilon's complete security solutions provide high-definition, intelligent video coverage across large sites while enhancing perimeter protection and simplifying monitoring. There has never been a better time to supercharge your utility operations with trusted security solutions and experience the benefits of:

- **Powerful Search:** Avigilon Appearance Search™ technology sorts through hours of video with ease to quickly locate a specific person or vehicle of interest across vast areas and facility perimeters in real-time.
- **Efficient Bandwidth Management:** Avigilon High Definition Stream Management (HDSM)™ and HDSM SmartCodec™ technologies reduce bandwidth and storage needs while maintaining image quality.
- **Simplified Monitoring:** Your crew can access video for continuous monitoring and search through video within seconds, even across numerous cameras and sites.
- **Perimeter Protection:** Avigilon's Access Control Manager (ACM) system and H4 Video Intercom allow you to remotely identify individuals and approve or deny access at entrances, exits, and restricted areas.
- **Easy Integration:** Avigilon solutions are built on an open platform, allowing you to leverage existing Motorola Solutions communication technology investments.



TECHNOLOGY YOU CAN TRUST: North American Manufacturing Facilities

The global video surveillance market is growing. With this growth, manufacturing continues to be a crucial factor that influences a company's ability to meet the demand for security solutions. Avigilon is proud to be a North American manufacturer of trusted security solutions, with Canadian and American expertise and globally sourced materials. Avigilon's state-of-the-art facilities in Richmond, British Columbia, and Plano, Texas ensure quality control and efficiency throughout the manufacturing process. By manufacturing in North America we are better able to control every aspect of the process, while continually enhancing the customer's experience.



ACTION AVIGILON USE CASES: ELECTRIC UTILITIES

When a suspicious person has entered a high-voltage area, Avigilon Appearance Search technology can help you quickly identify the intruder's whereabouts and what credentials they may have used to gain access to a site. A sophisticated AI, Appearance Search technology search engine helps you quickly identify the specific person and track their route throughout the high-voltage area in real-time to ensure no processes are further compromised.



ACTION AVIGILON USE CASES: WATER AND WASTEWATER UTILITIES

When a pollutant is believed to have fallen into the sanitation system, Avigilon Control Center (ACC) video management software allows teams to quickly and easily review recorded video with a simplified screen layout and intuitive controls — helping your crew detect what the pollutant was, verify the severity of the situation and act on the event.



ACTION AVIGILON USE CASES: OIL REFINERIES

Monitoring processes for safety and compliance is crucial in day to day operations to ensure nothing is missed in mission critical areas of the plant. Avigilon H4 Pro Series cameras can cover large areas with excellent clarity to ensure all areas are covered with less cameras and cabling infrastructure, while video analytics can help detect critical events to avoid potential service interruptions.



ACTION AVIGILON USE CASES: NATURAL GAS

To monitor many miles of natural gas pipelines, Avigilon H4 Edge Solution cameras can be easily deployed across the entire length of the pipelines with minimal connectivity and infrastructure required. The H4-ES cameras use Avigilon's patented video analytics to bring attention to potentially critical events and simplify the solution by encompassing all of the powerful video management tools locally to the camera's onboard storage giving users maximum intelligence at the edge.

TRUST AVIGILON, A MOTOROLA SOLUTIONS COMPANY

Avigilon, a Motorola Solutions company, designs, develops, and manufactures video analytics, network video management software and hardware, surveillance cameras, and access control solutions. Supercharging your utility operations and unified team communications with advanced HD video surveillance systems will help keep your processes streamlined and service levels high. That means electric utility companies can identify where power lines have been damaged in a storm and take swift action, water utility companies can proactively monitor the purity of a city's water supply, and nuclear power plants can ensure their perimeter is more secure than ever. Make guesswork a thing of the past in your utility operations with trusted video intelligence solutions.



To learn more about trusted security solutions from Avigilon,
a Motorola Solutions company, for your utility operations please visit

www.MotorolaSolutions.com/Utilities



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