



**ARTECO**  
INTELLIGENT VIDEO SOLUTIONS



*The Power of Seeing...  
Without Watching*

# Water Treatment

- Intelligent Video Solution for advanced water treatment facility
- Need for 24H continuous remote video surveillance
- High Security Risk due to outdoor open access water treatment tanks
- Solution requires data link redundancy through radio bridge connected to the control room



## Software functions and planned features

- High resolution video processing
- Active video surveillance
- Multiple simultaneous control zones in the same image with different sensitivities
- Arteco IVS-driven artificial lighting control
- Filter against glare, tree shadows and insects
- Data connection with the pre-existing radio system to get a redundant alarm notification channel

## Benefits

- Anti-intrusion function
- False event reduction well above standard accepted levels despite the critical environment
- System-driven lighting management filters out light-flashing (i.e. head-lights) related false events
- High reliability levels for notifications
- Backup radio channel for notifications to the control-room allows operation even without Internet connection

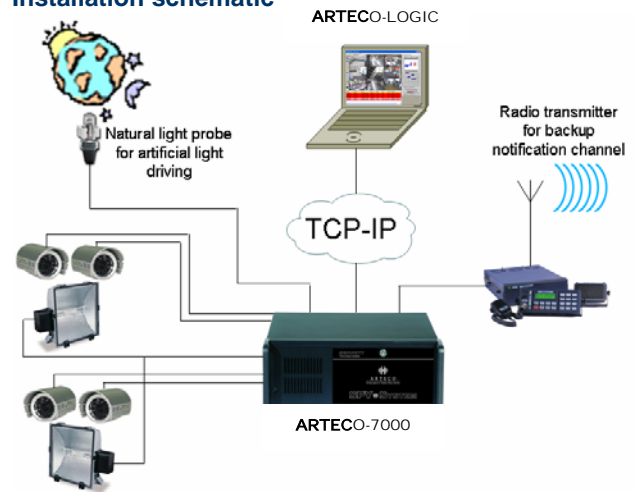
## What they say about us...

- "The Arteco IVS allows us to be informed at the right time on any intrusion in the treatment facility, giving a higher security guarantee for our public service"

## Installation snapshots



## Installation schematic



## Catch basin



## Examples of detected events



## The ARTECO-7000 IVS

