



SENTRY VIEW SYSTEMS

PROTECTION | SURVEILLANCE | SECURITY | PRESERVATION

Security, Surveillance, Communications & Lighting Solutions

Taking Surveillance & Efficiency To a Whole New Level



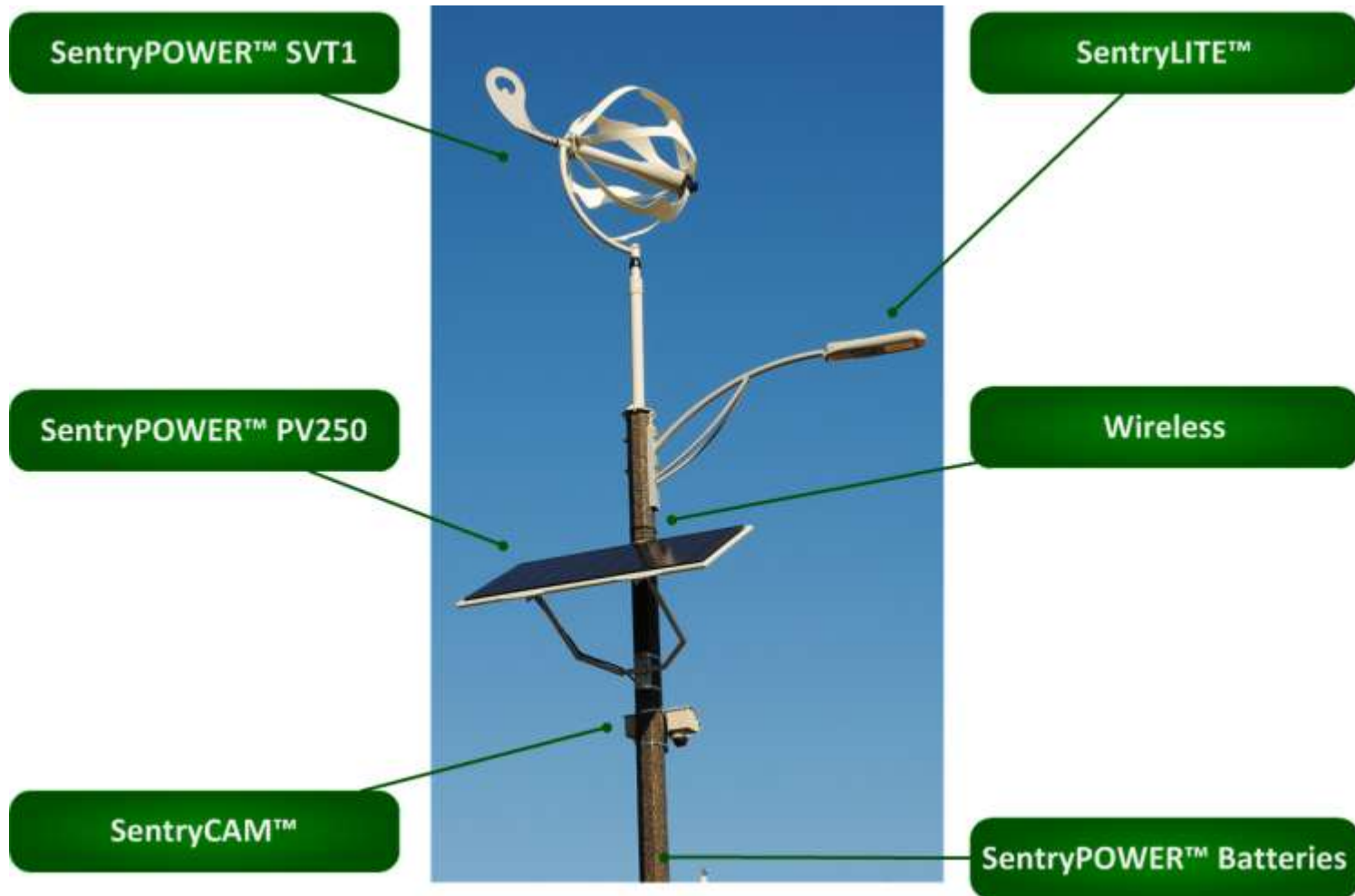
Presentation Agenda

- Remote Surveillance & The SentryPOST™ Solution
- About Us – Sentry View Systems
- Q&A

Remote Surveillance

- **Challenges**
 - Power
 - Costly infrastructure installation
 - High generator fuel cost – approaching \$100/gal for the remotest of locations
 - Communications
 - Long distances
 - Difficult & expensive cable installation costs
 - Environmental permitting
- **The Solution...SentryPOST™**

SentryPOST™ Solution



SentryPOST™ Configurations

- Municipal, Decorative Pole
 - Variety of style options possible
 - Partnered with multiple pole manufacturers to provide the right pole for your need
 - Aluminum, Steel, Composite

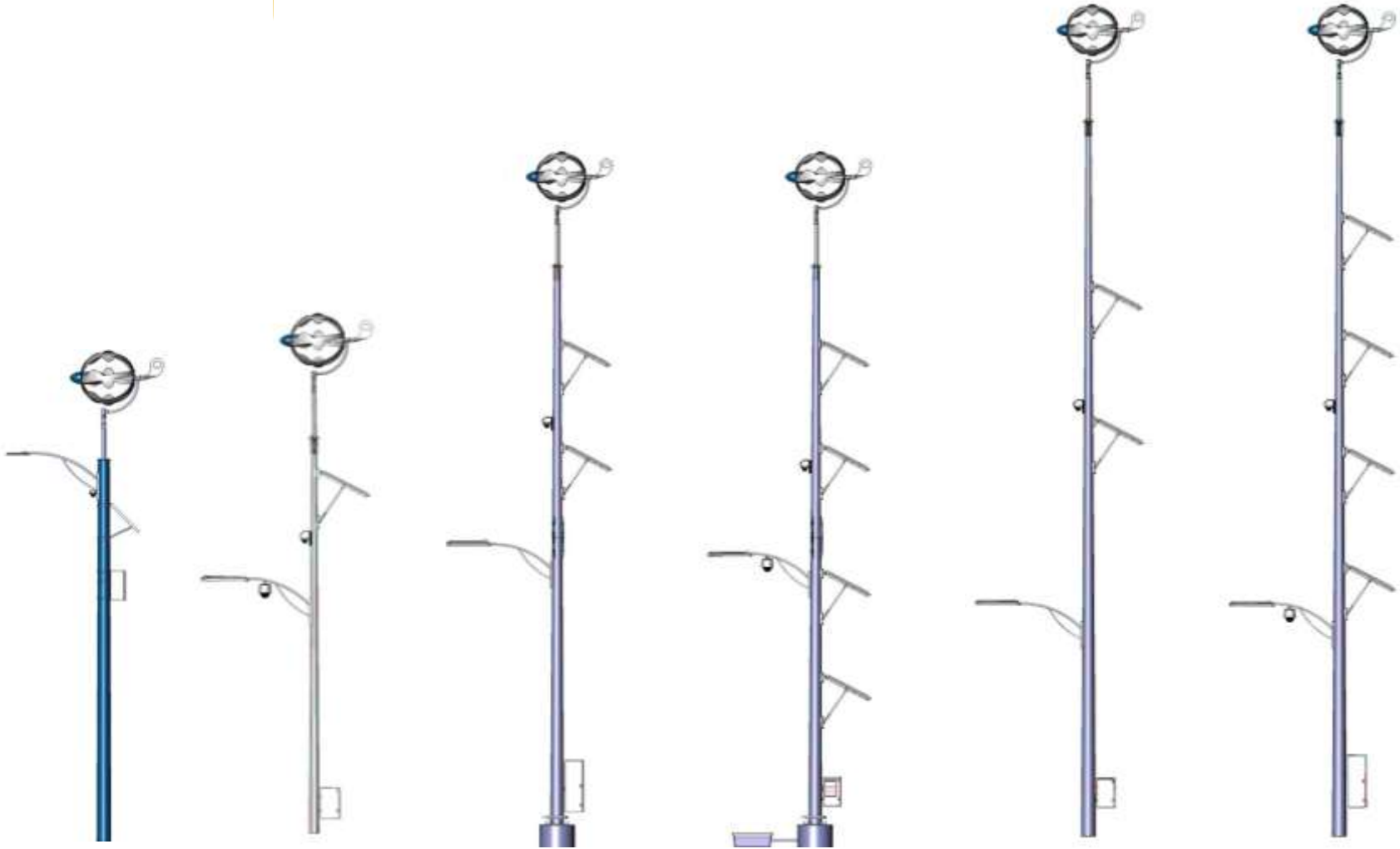




SentryPOST™ Configurations

- **Industrial Applications**
 - Rugged and durable poles & hardware
 - High mast pre-stressed concrete options
 - Thick wall steel, tilt-down pole options
- **Mobile Applications**
 - Light duty trailer / truck bed module
 - Heavy duty trailer module

SentryPOST™ Configurations



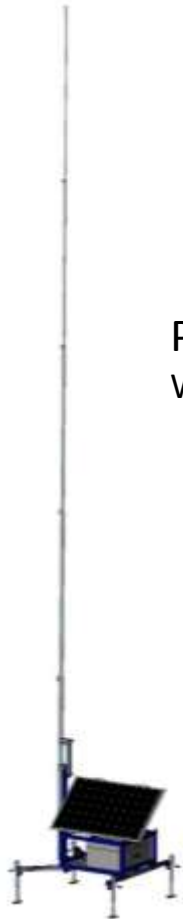
SentryPOST™ Configurations

Standard Pole Offering

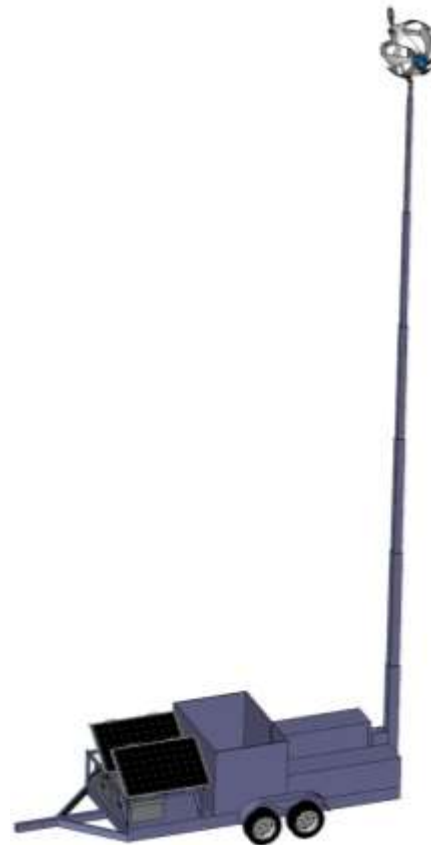
- 30ft height (excluding SVT1)
- Thick wall steel construction
- Tilt-down design for easy access to elevated appliances with no man-lift



SentryPOST™ Configurations



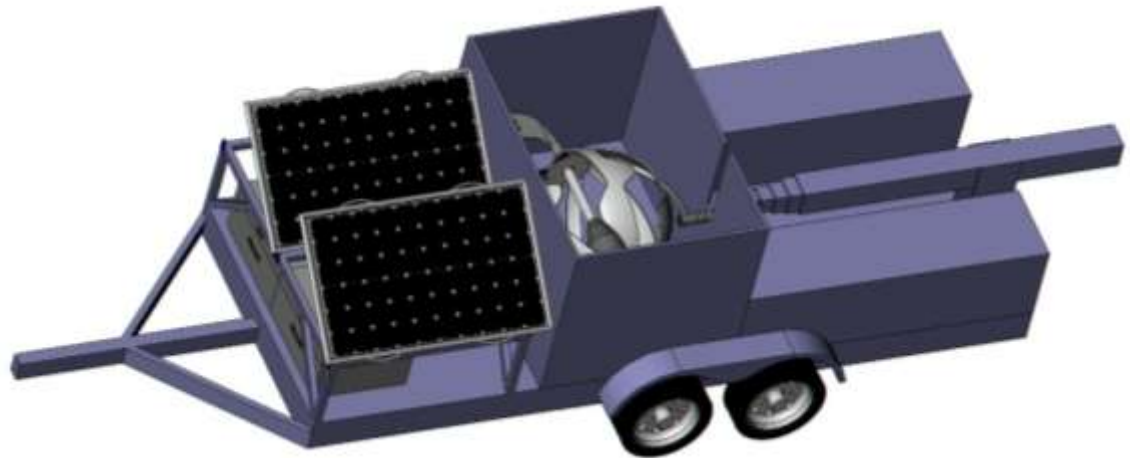
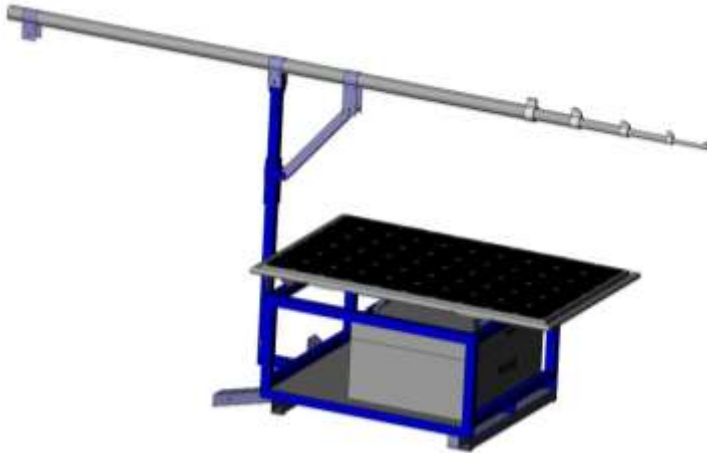
Prototype
Will be unveiled at FPED



Concept
Design details subject to change



SentryPOST™ Configurations





SentryPOWER™

- SentryPOWER PV250
 - 250 Watt PV panel (other sizes available)
 - Nearly 18% cell efficiency
 - 5 year product warranty
 - 25 year product life expectancy
 - 90% output after 10 years
 - 80% output after 25 years



SentryPOWER™

- SentryPOWER PV250
- SentryPOWER SVT1
 - Spherical Venturi Turbine
 - 1.1 meter diameter turbine
 - 6 blade turbine – maximizes gain
 - 500 Watt unique, high efficiency design
 - 4.5 mph cut-in wind speed



SentryPOWER™

- SentryPOWER PV250
- SentryPOWER SVT1
- SentryPOWER SVT2
 - 2.2 meter diameter turbine
 - 7 mph cut-in wind speed
 - 2.2 kW generator

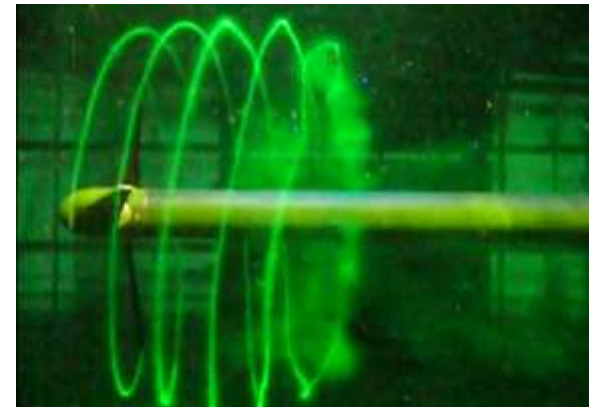


SentryPOWER™

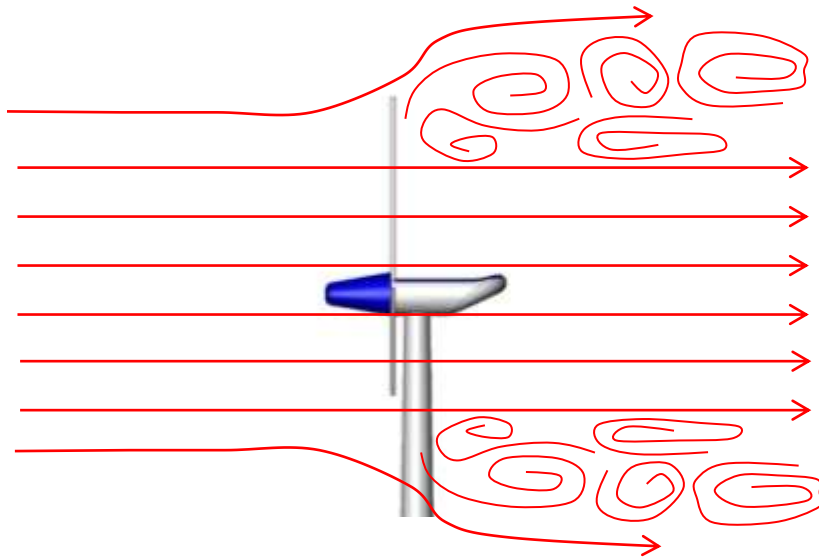
- SentryPOWER PV250
- SentryPOWER SVT1
- SentryPOWER SVT2
- SentryPOWER MTU (Mobile Tactical Unit)
 - Tripod mounted SentryPOWER SVT1
 - Photovoltaic tent
 - 400 Amp·Hr battery & charge controllers
 - Rugged transport cases for mobility

Spherical Venturi Turbine

- **Wing Tip Turbulence**
 - Vortices generated by blade wingtips create drag
 - Decreases turbine efficiency

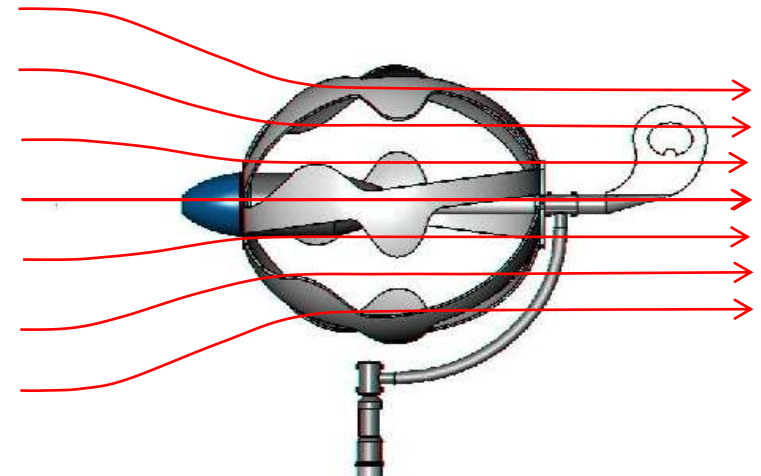


Spherical Venturi Turbine



Traditional Prop

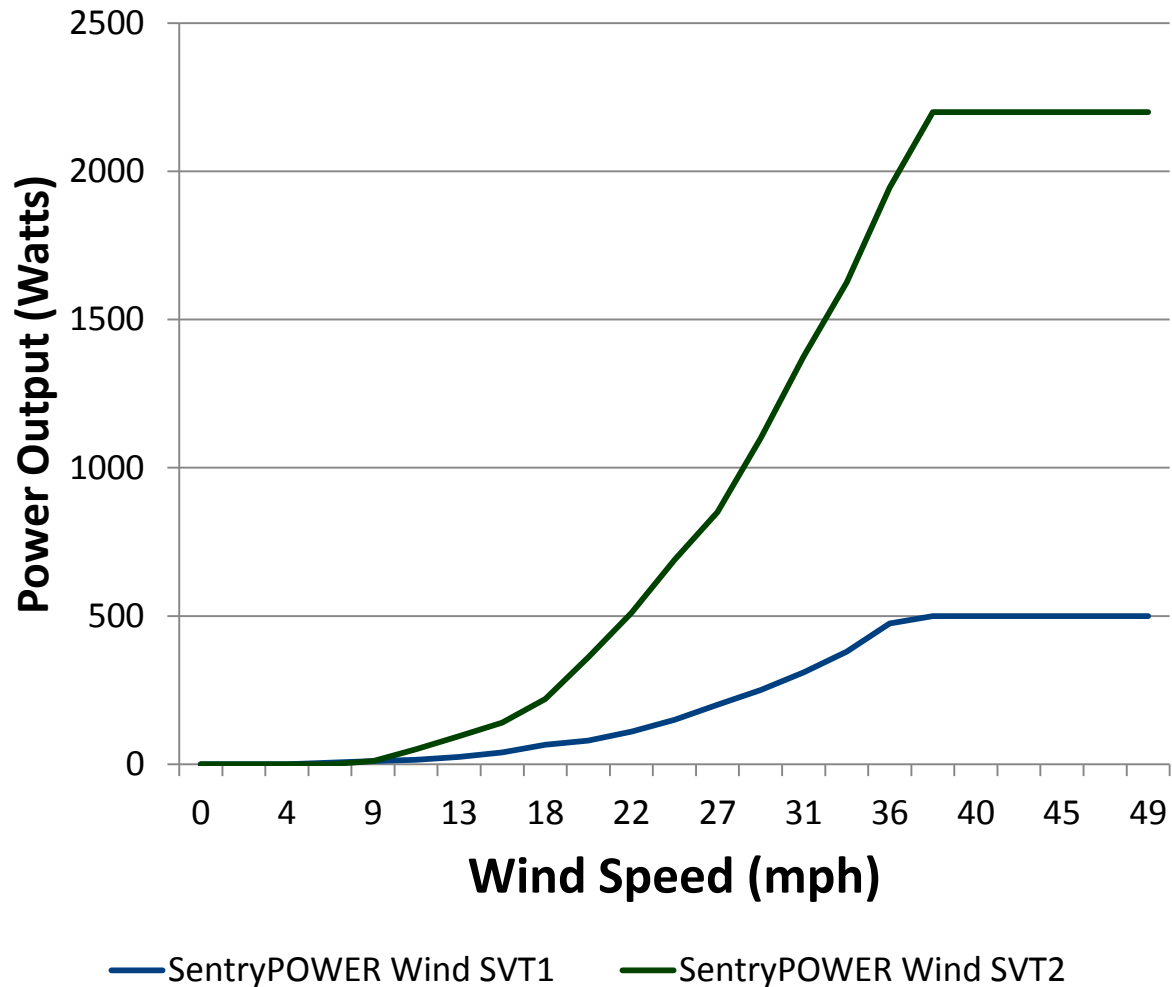
Virtual / Effective diameter is **smaller** than physical diameter



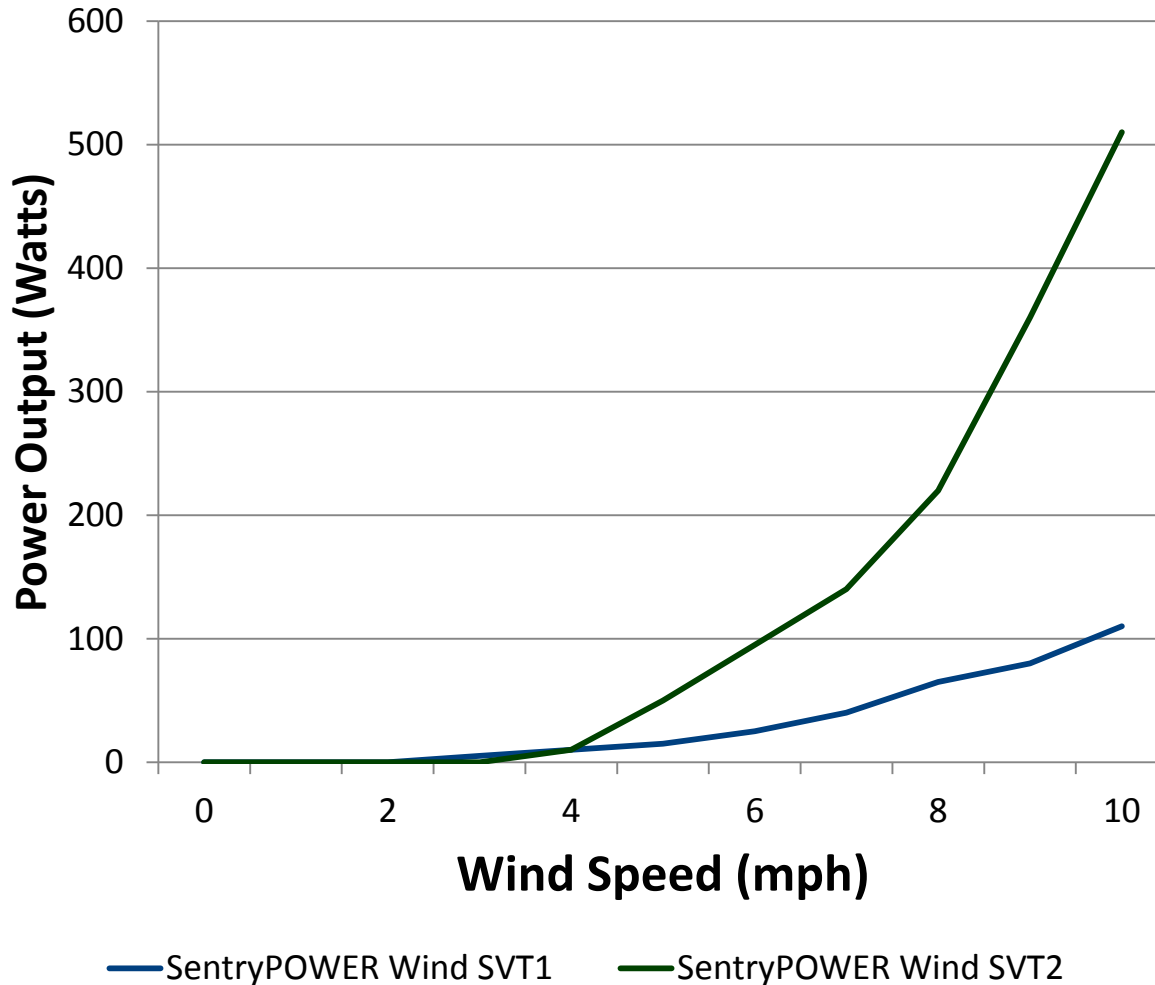
Spherical Venturi Turbine

Virtual / Effective diameter is **larger** than physical diameter

SentryPOWER SVT Output



SentryPOWER SVT Output



SentryNET Commander™



- Supervisory Control And Data Acquisition (SCADA)
- Intelligent edge device monitoring & control
- Programmable power relays
- Contact closure inputs
- Temperature & humidity monitoring
- Latching alarms with programmable states
- Less than 1 Watt power consumption
- Configuration Software for Windows or Linux included on USB drive or CD
- Operating temperature -40° to +60°C

SentryNET Commander Pro™



- SCADA & temperature monitoring
- 10/100 network interface
- Web interface for configuration (no external software required)
- On-board data logging (SD card)
- LCD readout
- Real time clock (battery)
- Programmable power relays
- Analog inputs & contact closure inputs
- Latching alarms with programmable states
- Operating temp -40° to +60°C

SentryNET Commander Power Pro™



- All the features of Pro configuration
- Analog inputs
- Dual input AGM battery charge controlling (12vdc or 24vdc)
 - SentryPOWER PV input (solar)
 - SentryPOWER SVT input (wind)
- LVD protection from battery deep discharge
- Operating temp -40° to +60°C





SentryNET Commander Power Pro Plus™

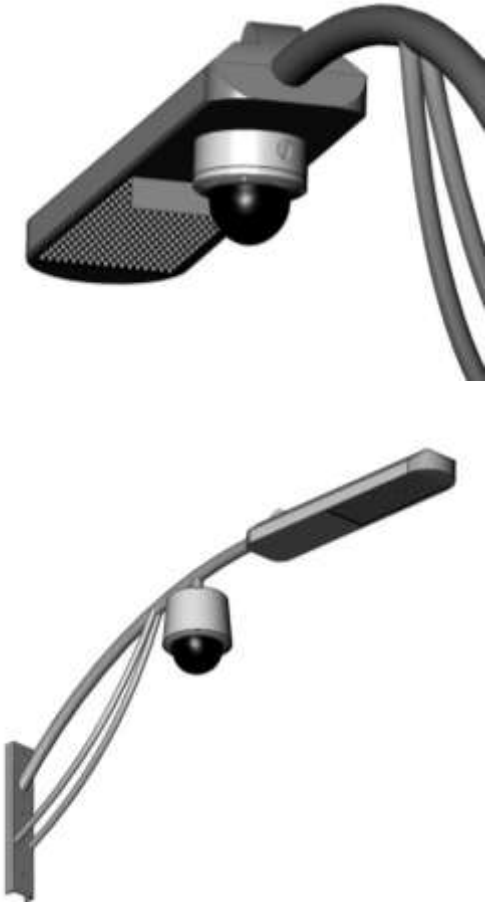
- All the features of Power Pro configuration
- Triple input AGM battery charge controlling (12vdc or 24vdc)
 - SentryPOWER PV input (solar)
 - SentryPOWER SVT input (wind)
 - Grid or generator 120-240vac input
- LVD protection from battery deep discharge
- Operating temp -40° to +60°C

SentryLITE™



- Long Life LED roadway luminaire
 - 50 Watt 120-240vac / 4350 lumen
 - 50 Watt 24vdc / 4350 lumen
 - 100 Watt 120-240vac / 5900 lumen
 - 150 Watt 120-240vac / 11800 lumen
- Dark Sky Compliant
- Drop in replacement for existing HID roadway lighting
- 60,000 hr. rated life (6.8 years)

SentryLITE™



- Optional Integrated SentryCAM™
 - Fixed mini-dome on SentryLITE™ housing
 - PTZ dome on light mount

Communications



- **Wireless**
 - Wi-Fi, Wi-Max, Mesh
 - Point-to-point, point-to-multipoint
 - 4G, microwave
- **SATCOM**
- **Optical Fiber**
- **LAN**



Value-Added Integrations

- **Imagers**
 - SentryCAM™
 - Thermal
 - NIR Illuminated



Value-Added Integrations

- Imagers
- Video Storage
 - SentryNET EdgeDVR™
 - SentryNET Central NVR™



Value-Added Integrations

- Imagers
- Video Storage
- SentryNET SightCommander™
 - Video Management System
 - Situational Awareness Enhancement
 - Custom Application Development





Value-Added Integrations

- Imagers
- Video Storage
- SentryNET SightCommander™
- Intrusion Detection
 - Buried Fiber Sensor
 - Laser Trip Wire
 - FMCW & Doppler ground based radar



Value-Added Integrations

- Imagers
- Video Storage
- SentryNET SightCommander™
- Intrusion Detection
- Hostile Fire Detection
 - Optical sensor for rapid detection and heading awareness
 - Weapons identification capability



SENTRY VIEW SYSTEMS

PROTECTION | SURVEILLANCE | SECURITY | PRESERVATION

Security, Surveillance, Communications & Lighting Solutions

[About Us](#)



About Us

- Established in 2000
- Secure, Remote Communications
 - 10 year contract for secure DoD wireless communications platform
 - Teleport in Baghdad
 - Developed SATCOM network in Kosovo
 - Developed NATO SATCOM stations in Angola



About Us

- Deployed Remote Surveillance
 - SentryNODE™
 - 450 installations at high priority DoD sites
 - Commendation received for 100% on time deliveries
 - Current backlog for >150 units



About Us

- Deployed Remote Surveillance
 - SentryNODE™
 - SentryNET Commander™
 - Over 150 units deployed
 - DoD and border surveillance applications



About Us

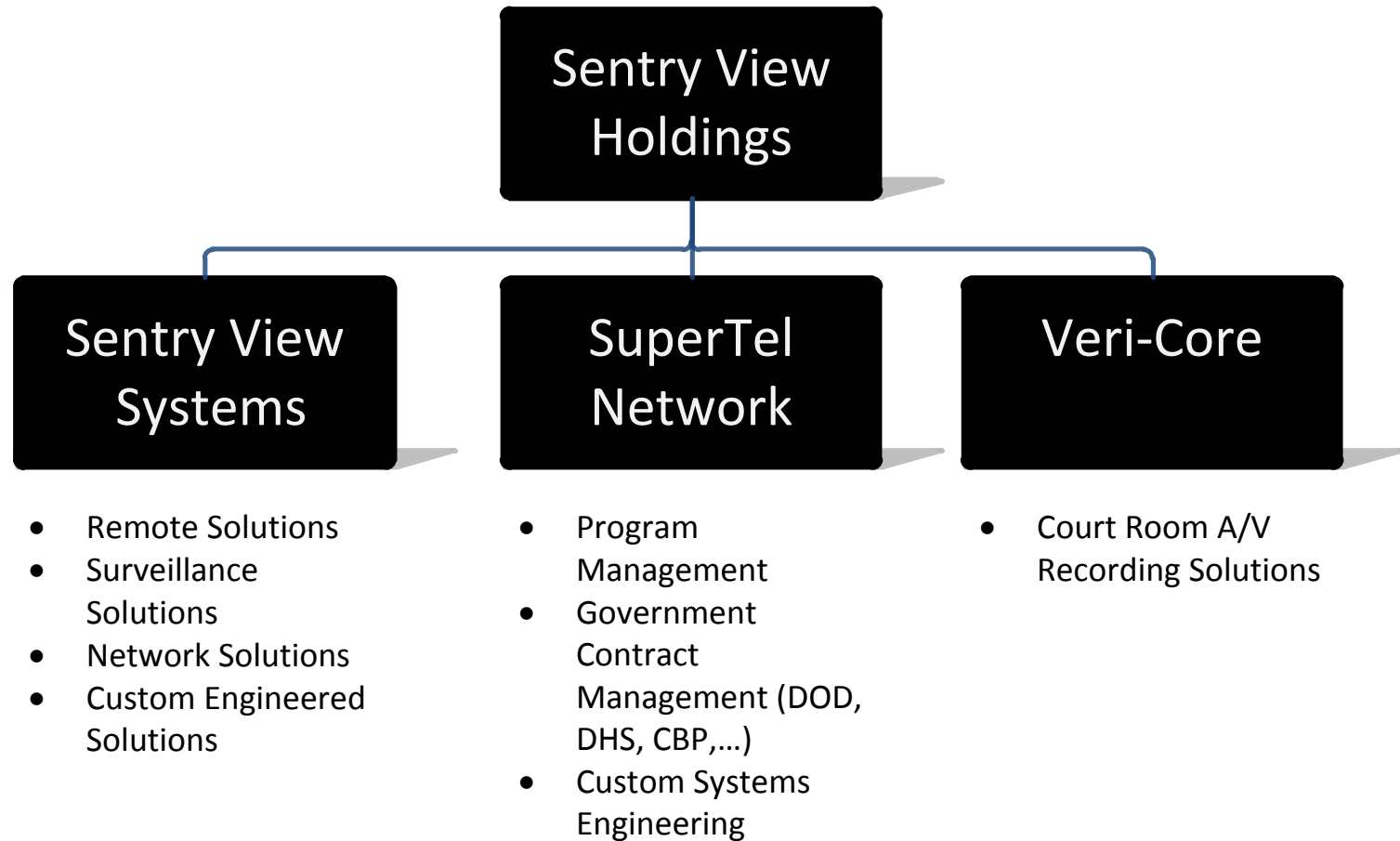
- Deployed Remote Surveillance
 - SentryNODE™
 - SentryNET Commander™
 - SightCommander™
 - More than 50 DoD deployments



About Us

- Deployed Remote Surveillance
 - SentryNODE™
 - SentryNET Commander™
 - SightCommander™
 - SentryPOWER™
 - Deployed on US/Mexico border
 - 100s of international deployments

About Us





Our Mission

Protection

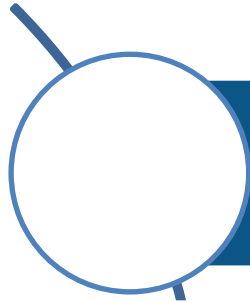
Surveillance

Security

Preservation



Our Values



Integrity: the hallmark of our character



Pyramid of Value



CORE COMPETENCY FOUNDATION

CUSTOM ENGINEERED
SOLUTIONS

Solutions Summary

Remote

- SentryPOST™
- SentryPOWER™
- SentryNODE™

Surveillance

- SentryCAM™
- SentryVCA™
- Physical Security & Intrusion Detection
- SightCommander™ - custom VMS

Network

- SentryNET Commander™
- SentryNET™ Suite
- SentryNET EdgeDVR™
- SentrySECURE™

Custom Engineered

- Custom System Engineering
- Custom Product
- Software App Development
- Rapid Prototyping

Solutions Summary

Remote

Remote Solutions

- State of the Art Remote Power Systems
- Secure Remote Communications
- **The Capstone of Effectiveness**

Surveillance

Surveillance Solutions

- Quality Imaging with High Value, Intelligent Analytics
- Customizable Ergonomic Human Interface
- **Force Multiplying Remote Assessment Tools**

Network

Network Solutions

- Leading Network Capability
- Proprietary, Intelligent Edge Device Monitoring
- **Building Blocks For Intelligent Systems**

Custom Engineered

Custom Engineered Solutions

- Agile, Adaptable, Capable
- Rapid Prototyping
- **Our Foundational Core Competency**



Contact Us

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