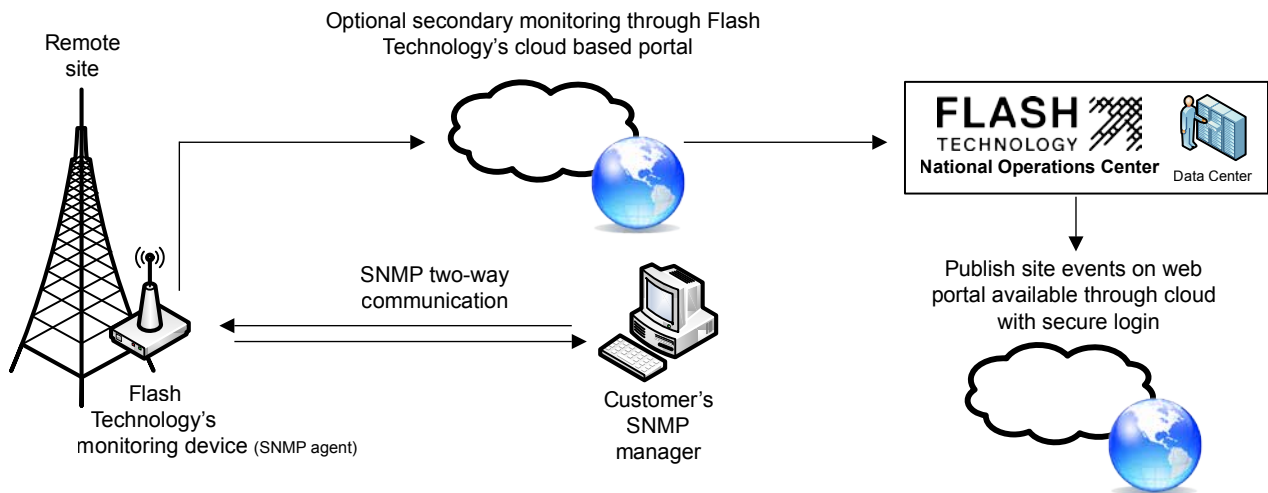


# Simple Network Messaging Protocols Capabilities

The Flash Technology Vanguard® Medium LED series and the FTM 190 monitoring device both feature the SNMP v2c or v3 UDP protocol. The SNMP v2c, v3 UDP protocol uses two-way communication to monitor and program multiple assets remotely. SNMP informs are used for continuous notifications until the required acknowledgement is received from the customer SNMP management software ensuring alerts are captured.

The SNMP destination endpoints are configurable through both a local user interface and remotely through an SNMP manager. Custom MIBs (management information base) are available for customer's SNMP management software setup.



**Two-way communication allows a user to:**

- Initiate a lighting inspection
- Configure tower type, beacon and marker settings
- Configure site name and ID
- Initiate a mode override
- Request diagnostics

# SNMP Capabilities

FTM 190 INFORMS*	
Critical (NOTAM-worthy events)	Warning / Info (May indicate NOTAM-worthy event)
<ul style="list-style-type: none"> <li>🚩 FTM system power fail</li> <li>🚩 AOL beacon comm fail</li> <li>🚩 Firmware mismatch alarm</li> <li>🚩 Photocell alarm</li> <li>🚩 Tower lighting comm fail</li> <li>🚩 Tower configuration alarm</li> <li>🚩 White day alarm</li> <li>🚩 Night alarm</li> <li>🚩 AOL power converter alarm</li> <li>🚩 PCB2 control alarm</li> <li>🚩 Tower communication alarm</li> <li>🚩 Beacon red night alarm</li> <li>🚩 RLC communication alarm</li> <li>🚩 AC input detection alarm</li> <li>🚩 PC filter board alarm</li> </ul>	<p>Warning</p> <ul style="list-style-type: none"> <li>🚩 System GPS sync alarm</li> <li>🚩 PCB1 to PCB2 comm alarm</li> <li>🚩 Marker alarm</li> <li>🚩 RLC comm alarm</li> </ul> <p>Info</p> <ul style="list-style-type: none"> <li>🚩 Lighting inspection test mode</li> <li>🚩 Site mode override notify</li> <li>🚩 Photocell mode change notify</li> <li>🚩 Dry contact status</li> </ul>

VANGUARD® LED INFORMS	
Critical (NOTAM-worthy events)	Warning / Info (May indicate NOTAM-worthy event)
<ul style="list-style-type: none"> <li>🚩 White day alarm</li> <li>🚩 White night alarm</li> <li>🚩 Red night alarm</li> <li>🚩 Beacon comm alarm</li> <li>🚩 Photodiode alarm</li> <li>🚩 System power failure alarm</li> <li>🚩 Tower lighting config alarm</li> <li>🚩 Tower lighting sync alarm</li> <li>🚩 PLC bindings alarm</li> </ul>	<p>Warning</p> <ul style="list-style-type: none"> <li>🚩 Infrared alarm</li> <li>🚩 System GPS sync alarm</li> <li>🚩 Infrared not available alarm</li> <li>🚩 Marker tier comm alarm</li> <li>🚩 Marker alarm</li> </ul> <p>Info</p> <ul style="list-style-type: none"> <li>🚩 System comm alarm</li> <li>🚩 Lighting inspection test mode</li> <li>🚩 System voltage high notify</li> <li>🚩 System voltage low notify</li> <li>🚩 Site mode override notify</li> <li>🚩 Communication change notify</li> <li>🚩 Automatic update notify</li> <li>🚩 Low DC voltage alarm</li> <li>🚩 Photodiode mode change</li> <li>🚩 SNMP start up notify</li> <li>🚩 Shutdown/restart notify</li> </ul>

\* Connected to FLC 36XX