

# intelli<sup>o</sup>shed

## SERVER CONTROL SOFTWARE

Maintain control of the most complex remote pumping stations with state-of-the-art server control software. This enhanced Uninterruptible Power Supply (UPS) system software is designed to help operators maintain control of complex remote pumping stations. The software is equipped with the following capabilities:



- Control of up to four groups of four servers (16 total)
- Ability to shutdown servers in a predetermined order
- Ability to test server shutdown functionality from the Web interface
- Alerts based on customer preference
- Retrieves 2,000 Event Data Log over TCP/IP using a Web interface
- Total system time synchronization - Network Time Protocol (NTP)

**AMETEK<sup>®</sup>**

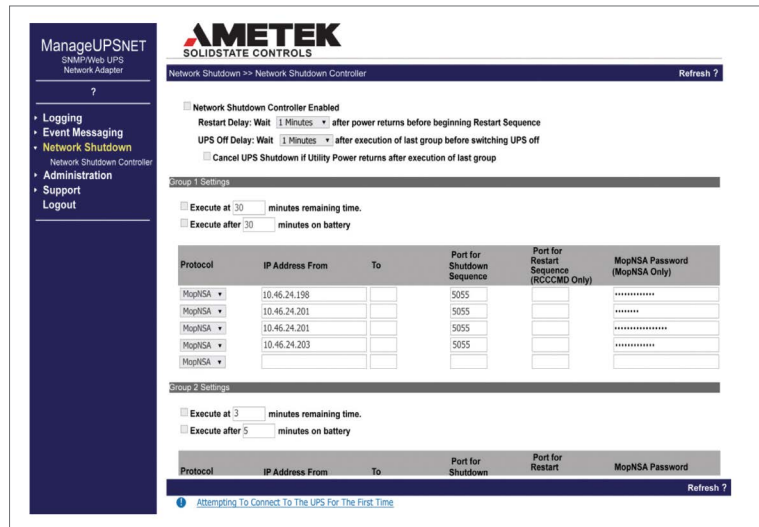
**SOLIDSTATE CONTROLS**

PROVIDING CONTINUITY OF ELECTRICAL POWER

# UNSAFE SHUTDOWNS POSE PROBLEMS

Improper sequencing of pump valve shutdown protocols can lead to problems, such as, valves not activating causing a rupture in the pipelines.

As the UPS system approaches the design life of the backup battery duration and eventual power loss, the control systems deployed at a pumping station or pipeline control mechanism may malfunction.



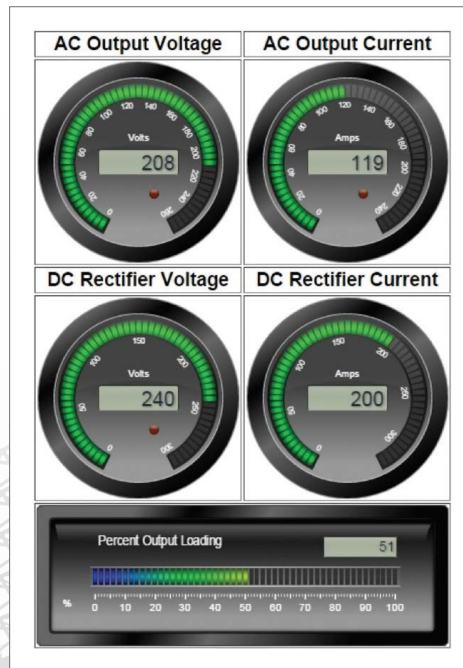
Dashboard allows for full control of all server protocols

## THE SOLUTION

AMETEK Solidstate Controls' IntelliShed provides the UPS system with the capability to monitor your system and control server shutdown protocols based on real time information of battery life.

This software package allows users to program battery specifications and calculates, in real time, the estimated battery time remaining during the UPS backup operation (battery discharge cycles). The UPS communicates constantly with all servers in the circuit and if a backup power situation arises, the UPS will determine when, and in what sequence the servers are to power down.

As a failsafe mode, the UPS also times out servers based on a pre-determined time interval to eliminate any chance of premature server power failure.



IntelliShed's real time system monitoring

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**SOLIDSTATE CONTROLS**

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**THE PURPOSE OF OUR BUSINESS IS TO PROVIDE CONTINUITY OF ELECTRICAL POWER TO KEEP BUSINESSES IN BUSINESS.**

**WE DO THIS BY HELPING CLIENTS SOLVE THEIR POWER PROBLEMS AND BY CREATING THE MOST ECONOMICAL LONG-TERM RESULTS.**