

# e-VENTLOG™

PREDICTIVE MAINTENANCE SERVICE



**PILLER**  
Power Systems

## Overview

Available in conjunction with any Piller UB-V UPS and Unity Service Pack, e-VENTLOG™ is a maintenance service that provides shutdown-free annual maintenance checks, eliminating the need for physical intervention inside the UPS. Whereas physical maintenance checks can result in a UPS being off line for several hours per year at considerable cost to system availability, with e-VENTLOG™ in place this downtime is completely eliminated. The service can be implemented in any suitable environment and the data gathered either automatically across the internet in a secure manner or by direct download at the machine itself.

- Remote predictive maintenance monitoring
- Facilitates shut down-free UPS health checks
- Scheduled transmission of data for expert analysis
- Secure one-way data transmission
- Automatically notifies Piller Service Centre
- Available for all Piller UB-V UPS



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## How it Works

The UB-V UPS with its advanced diagnostic platform constantly monitors multiple parameters connected with ensuring the satisfactory operation of the UPS. Data such as room conditions, internal temperatures, switching cycle operations and ventilation are measured and stored over time producing a digital pack of information unique to every UPS unit.

This 'data pack' can either be automatically transmitted to the Piller Service Centre by secure e-mail or can be downloaded directly at the UPS. In the normal course of events, such data packs are produced on an annual basis as part of a routine cycle or at more regular intervals at the clients' request. If an abnormality occurs outside of this cycle, the UPS will notify by alarm and transmit an interim data pack where connection allows.

Once at the Piller Service Centre, the data pack is inspected by trained technicians to assess the operating conditions, operational history and the life cycle state of key components. From this analysis, the client is provided with a verification report, advising on the status of the UPS and preventative actions, if appropriate.

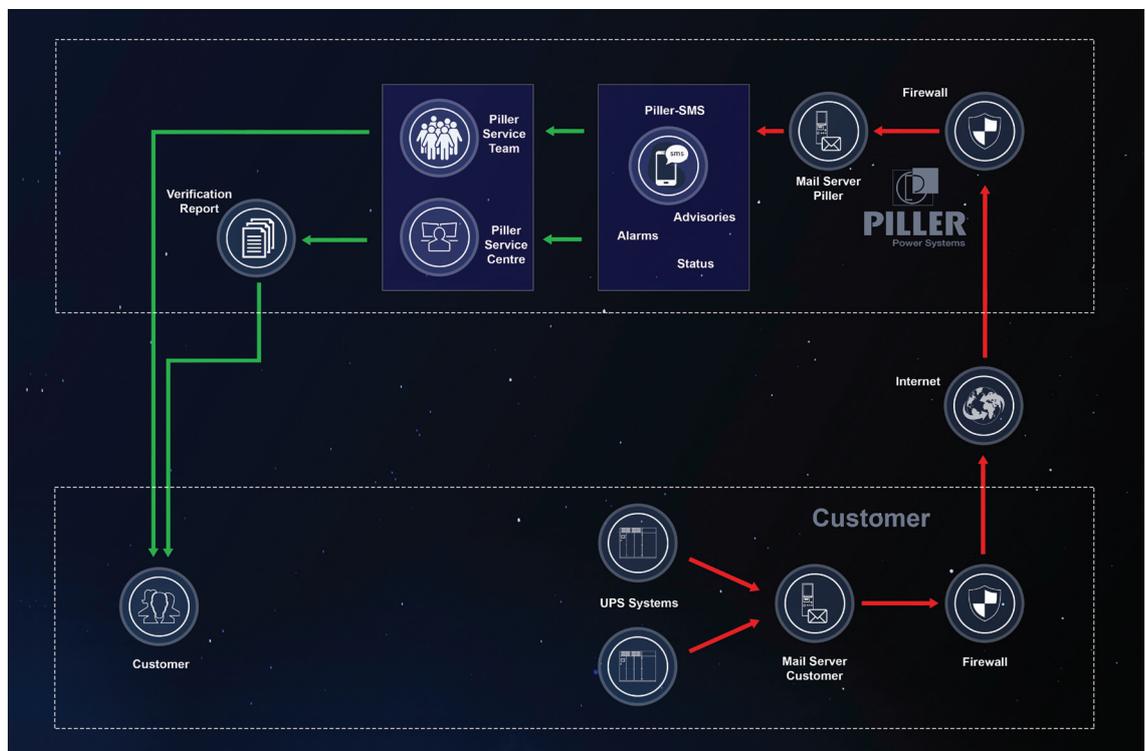
## Safe and Secure

The e-VENTLOG™ predictive maintenance service can eliminate annual routine maintenance inside the UPS and provide peace of mind around the clock.

The e-VENTLOG™ encrypted data pack will normally be sent by the individual UB-V UPS unit through the client's mail server to the service centre. This is done by safe connection to the client's local area network using standard protocols that support authentication as well as encryption making it as secure as other devices on the LAN.

Where a client's mail server is not available, the email delivery can be via an external provider. In this case an outgoing internet connection to the SMTP server of the provider is required.

In circumstances where connection via any form of mail system is not possible, the data can be downloaded at the front of the UPS unit and forwarded by other means.



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