

Internet Link Load Balancing Solution for **Industrial Telemetry**



AT A GLANCE



The Peplink Balance is a reliable, cost-effective, and full-featured Internet Link Load Balancing solution that caters to a diverse range of industrial environments.

It provides the flexibility to load balance between multiple Internet connections, such as 3G, VSAT, DSL and Cable, for increasing Internet bandwidth, reliability, uptime, while reducing the cost of having expensive leased lines. The user-friendly Web Admin and Reporting Service help you to manage your network easily and intuitively. User control and bandwidth QoS features make Peplink Balance the best networking router for deployment in different industrial sites.



Professional Router for Digital Telemetry.

Industrial factories, infrastructures, and pipelines are now equipped with digital controllers that have built-in networking capacity. Collecting data and performing maintenance from these sites can be done remotely with Internet or other private networks.

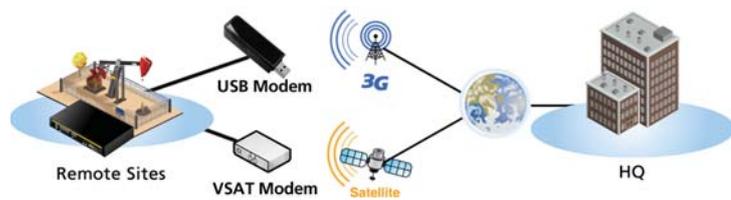
Network failure, however, will disconnect these critical infrastructures from the control center and cause unnecessary problems. Industrial Telemetry requires highly dependable network connectivity.

Peplink Balance multi-WAN routers deliver the reliability and flexibility you need.



Reliability in Every Way.

With years of success and credibility, Peplink Balance provides highly reliable operations at every second. Our multi-WAN capacity allows you to deploy redundant connections to ensure network continuity. Applications such as sensor data logging, remote diagnostics, and controller automation, can be done with absolute confidence.



Highly Flexible Routing.

Peplink gives you granular control and flexibility in routing network traffic. Using Peplink's Traffic Manager you can easily specify a WAN link for transmitting data to the RTU while dedicating another WAN link for PLC processes, all within an easy to use drag and drop interface. Optimizing overall network flow will become headache-free.

3G Support for Remote Deployment.

Peplink Balance supports 3G wireless Internet access for remote deployment - even where Internet service is not available. With Peplink deployed you can conveniently gain access to equipment through technologies such as AMR or SCADA, giving you control over different aspects of each unit without having to be present at each site.

Peplink Balance Multi-WAN Routers

Case Study of Energy Transfer, United States

Highly dependable network connectivity is critical for industrial telemetry. The Peplink Balance provides you a reliable solution to easily monitor and control remote equipments. Simply connect multiple DSL/cable connections and use 3G wireless link as backup. Now you can access data from all sites conveniently at any time.



- A major natural gas pipeline company in the United States.
- Deployed 100 units of Peplink Balance 20L over 9 months.
 - To monitor and control various aspects of the gas pipeline remotely.
- Network Design:
 - LAN connects to RTUs (Remote Terminal Unit) and PLCs (Programmable Logic Controller) for adjusting pressure, temperature, flow rates, etc. via advanced port forwarding rules.
 - WAN connected to VSAT as Primary connection and 3G modem as Backup.
- Competition:
 - Unable to do port forwarding via a specific WAN port.
 - Constantly froze up and needed to be rebooted.
- Winning Factors:
 - "The Peplink works great and **doesn't ever need to be rebooted!**"
 - **Low power consumption**, energy saving.
 - **Feature complete and just works.**



Customer Spotlight - Industrial



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