

# HEALTH CHECK SERVICES

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Prosperon Networks are a leading IT Solutions provider specialising in Network and Systems Management monitoring solutions for SMB to Enterprise networks. We provide a range of Professional Services to support our portfolio and are recognised as an authority within the UK for designing, installing and maintaining management solutions from SolarWinds.

Our SolarWinds Certified Professional Engineers have overseen some of the largest installs of Orion in Europe and over time have gathered a wealth of experience and best practice skills that will ensure your deployment is working at the required levels.

## We recommend health checks in the following circumstances:

- When you are looking to increase the scale of your monitoring
- If you are experiencing performance issues on the monitoring server itself
- Where you are looking to apply major upgrades to your solutions
- To assess the current capabilities of the monitoring platform
- If you are interested in adding further Orion modules to the existing installation
- To ensure you are taking advantage of new product developments

To ensure you gain maximum benefit from your SolarWinds Orion Network Monitoring and Management system, it is important to ensure it is provisioned and configured correctly. As such a solution is critical to gaining insight into the health and performance of your network and services running over them, maintaining the solution and providing the correct resources for operation is key.



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## The SolarWinds Health Check service includes:

- Perform a baseline analysis of the Orion deployment
- Assess the health of each component that makes up the solution, identify if any areas are affecting system performance and stability. Identify the levels of performance required for the solution
- Determine what, where and how performance improvements can be achieved to optimise the architecture of the deployment
- Meet customer requirements from the resources available and identify any training requirements to ensure internal staff are equipped to gain maximum benefit from the solutions
- Provide a report and action plan to restore health and operational requirements

## Full Health Check

This is a comprehensive review of your Orion installation to identify performance issues, feature use analysis with 'Best Practice' guidance.

The objective is to assess and plan projects for improvement or possible issues in the areas being considered. After a period of investigation we will discuss our findings with you and provide a comprehensive report on your current status.

## The SolarWinds Health Check is performed via remote desktop and includes the following:

- Usage requirements
- A License Review
- A Server Resource/Configuration and System Review
- Antivirus Protection Recommendation
- Web GUI Performance Analysis
- Current Orion Configuration Settings
- Current Orion Feature Usage
- Syslog and SNMP Settings
- A Report which will Identify Issues and include Best Practice Recommendations
- Prosperon Networks Support Documentation and SolarWinds Support Details
- A baseline analysis of the Orion deployment
- An Assessment of the health of each component that makes up the solution and an outline of any areas that affect system performance and stability
- Levels of performance required including:
  - Total Element count, including any growth projections
  - Data retention requirements (including any Compliance conformance)
  - Design of the Network to include latency impacts
  - Concurrent Users accessing the Web interface
  - The number and profile of Netflow sources
  - Number of Syslog and/or SNMP Traps
  - Scaling requirements
- Areas of the application to be improved and their configuration in terms of the structure to maximise data collection, device coverage, visibility, reporting and alerting
- Recommendation on how best to Optimise the architecture for deployment including:
  - Load balancing using the Orion scaling engines
  - Deployment and scaling options utilising the Enterprise Operations Console (EOC) together with multiple Orion NPM installations
- Failover and Redundancy requirements to meet business needs for service availability
- Recommendation on knowledge and resources required internally at the organisation to ensure the solution is built according to resources and skills available
- Identify any training requirements to ensure internal staff are equipped to gain maximum benefit from the solutions and able to administer Orion efficiently and fully
- Provide a full Report, including potential action points on findings

**"The Health Check uncovered platform performance issues, and also highlighted some newer key features we could benefit from"**

*Taylor Walton Solicitors*

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