

MCS NetQCheck Pi Connection Quality Testing Solution

Overview

The MyConnection Server® (MCS) NetQCheck Pi4 appliance delivers a low cost solution for automated network connection quality testing with easy centralized management.

Requirement summary

A MyConnection Server 10-CAT license or above on a supported Windows or Linux system.

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MCS NQCP Series Pi4 Connection Test Device



MCS NQCP Series Pi4 Appliance SPECIFICATIONS

Software

Installed MCS NetQCheck Satellite software

Raspberry Pi 4 Model B

Quad Core BCM2711 64Bit CPU, 1.5Ghz
Built-in Wifi and Bluetooth

Memory

2GB SDRAM

Micro SD Card

16GB with installed Raspbian Linux

Network

Gigabit Ethernet

Size

90mm x 65mm x 27mm

Power supply

External power supply, 3A @ 5.1V power draw
PoE enabled (requires PoE HAT)

The MCS NetQCheck Pi Appliance provides a cost-effective solution to establish accurate measurement of network performance and the user experience, on-demand or 24x7, delivering an ideal solution for:

- **Large deployments** – the small format and low entry cost delivers effective solution for managing large and small networks
- **At Home workforce** – validation of home worker network service providers for an accurate baseline assessment for network changes, while also establishing a framework for fast/proactive support resolution
- **Pre- and Post-Qualification** delivers a non-invasive automated solution to underwrite customer experience performance for critical business applications such as collaboration services and VoIP.
- **Mesh Support** – delivers a flexible solution by enabling spoke-to-spoke and spoke-to-hub testing modes in a single portable device

KEY FEATURES:

- **Centralized management:** Reduces deployment time and cost for large and small networks
- **Baseline automation:** Increases support productivity by reducing time for problem detection and problem resolution
- **Network investment:** Low cost enables broad measurement for underwriting large scale network infrastructure investments and other changes
- **Scale out architecture:** Reduces cost and accommodates growth, delivering a faster time to benefit
- **Leverages human resource investments:** Commercial Open-Source OS platform underwrites existing human skillsets and training
- **MCS Support:** Underwrites conformance and compatibility with the well-established MCS test framework

 **Visualware**
Network Measurement and Quality Assessment