MCS NetQCheck Pi
Connection Quality Testing Solution

Overview

The MCS NetQCheck Pi appliance delivers a low cost solution for automated network connection quality testing with easy centralized management.

Requirement summary

A MyConnection Server BusinessCenter 5-CAT license or above on a supported Windows, Linux, MAC OSX platform.

- **NQC Agent** and **NQC Satellite Server** require a CAT license to support the desired number of concurrent automated test connections
- **NQC Server** requires a NQC license add-on

Visualware Inc.

1-866-847-9273 - US Toll-Free
1-209-262-3491 - Phone
sales-vw@visualware.com

www.visualware.com

MCS NetQCheck Pi Appliance

The MCS NetQCheck Pi Appliance provides a low cost solution to accurately measure network quality and performance on-demand or 24x7, delivering an ideal solution for:

- **Large deployments** – the small format and low cost makes the NetQCheck Pi a cost effective solution for large volumes of devices

- **At Home workforce** – test and validate home worker network connection quality via a continuous or as needed basis

- **Pre-qualification** of connections for new customer/end-user deployments - delivers a non-invasive automated solution to validate customer network quality and performance for services such as VoIP.

- **Flexible deployments requirements** – multiple testing functions in a single unit enable spoke-to-spoke and spoke-to-hub testing, one-to-one and one-to-many testing

KEY FEATURES:

- **Centralized management** from the MyConnection Server application, including group management

- **Multiple testing modes:**
  - **Agent**, automated testing at a specified interval
  - **Agent Server**, target server for automated tests
  - **Server**, target server for automated tests and browser tests

- **Support for key Network Tests** as licensed in MCS:
  MySpeed , MyVoIP, MyRoute, MyCapacity UDP, MyVideo, MCS Monitor DNS, HTTP, Ping, FTP

- **Lightweight non-Java components**, no Java support needed

---

MCS NetQCheck Pi Appliance
SPECIFICATIONS

Software
  Installed MCS NetQCheck software components:
    NQC Agent
    NQC Agent Server
    NQC Server

Raspberry Pi 3 Model B
  Quad Core BCM2837 64Bit CPU, 1.2Ghz
  Built-in Wifi and Bluetooth

Memory
  1GB RAM

Micro SD Card
  8GB with installed Raspbian Linux

Network
  10/100 Ethernet

Size
  96mm x 70mm x 25mm
  Includes Pi2 Case

Power supply
  External power supply, 1.8A @ 5V power draw
  Power over Ethernet Splitter also available

Raspberry Pi is a trademark of the Raspberry Pi Foundation

Network quality and performance assessment