MyConnection Server® Test Method Comparison

MyConnection Server (MCS) delivers an innovative collection of test methodologies that enable businesses to quickly and easily measure the performance, capacity and quality of network connections. The testing modes range from a 'self-help' testing portal to an automated testing process managed from the MCS management console, to an OEM embedded solution that extends the technology to mobile devices and third party applications. These test methods are easily combined and changed on the fly, enabling organizations to quickly adapt connection test processes to changes in businesses requirements and network environments.

The test methods below are managed through the MyConnection Server management application, test results are captured to the MCS application database. The NetQCheck™ embedded technology is managed by the host application or device, or the MCS management application.

MCS SOFTWARE				
Test Method	**Description**	**Benefits**	**Supported Test Types**	**Platforms**
MCS Browser Test	Delivers On-demand self-help connection testing directly to the desktop browser	• **Reduces demand** on support groups. • **Reduces cost** of support through better quality and accuracy of problem definition	• Throughput TCP • Capacity TCP • HiSpeed Capacity TCP • Capacity UDP • VoIP UDP • Video TCP • IPTV UDP • Routing • Firewall	Windows Linux Solaris
MCS Software Remote Agent	Support managed remote testing framework delivers automated interval based testing over time. Supports Windows, Linux and Mac	• **Consistent pre-qualification** of remote customer networks to ensure quality application rollout • **Non-invasive** eliminates customer burden in the testing process • **Fast resolution** of intermittent problems • **Improves network** performance through automated baseline assessment of important network connections, WAN or LAN • **Reduced support calls** through early problem resolution through identification of congestion or regulation interference • **Proactive resolution** through automated alerting and escalation	• Throughput TCP • Capacity TCP • HiSpeed Capacity TCP • Capacity UDP • VoIP UDP • Video TCP • IPTV UDP • Routing • Firewall • Response time: Ping, HTTP, FTP, DNS, Port, SIP, Router, SMTP	Windows Mac Linux MCS Access Series Appliances eMCS embedded technology [1]
MCS Satellite Server	Extends managed testing through additional testing points of presence (POPS)	• **Extensible architecture** reduces costs • **Improves accuracy** through better application network path testing	• Supports test types of Software Remote Agent or Access Series device	Windows Linux Mac

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MCS ACCESS SERIES APPLIANCES				
Test Method	**Description**	**Benefits**	**Supported Test Types**	**Platforms**
MCS AccessCM MCS AccessCXM[2]	Delivers a dedicated quality testing server platform for self-help testing and support managed testing. Extends managed testing through additional testing points of presence.	• **Fast resolution** through definitive performance problem identification • **Highly portable,** supports low cost deployment to enable fast problem resolution, adapts quickly to Edge-to-edge and end-to-end testing. • **Improves accuracy,** delivers off platform testing to eliminate use and potential interference of customer hardware for testing	• Data Flow Quality • Throughput TCP • Routing • Capacity UDP • VoIP UDP • Video TCP • Response time: Ping, HTTP, FTP, DNS, Port	Access Series platform supports MCS Remote Agents, eMCS embedded technology[1]
MCS AccessCT1[2] MCS AccessCT2[2] MCS AccessCXT[2] MCS AccessCM MCS AccessCXM[2]	Delivers a dedicated automated remote quality testing client platform for field engineers and support groups.	• **Improves productivity** of field engineering and support groups by delivering automated onsite quality testing • **Secure deployment**, no incumbent OS delivers safe, robust testing in the public or private domain • **Zero maintenance design** delivers a low cost solution with dramatically reduced annual administration and system maintenance costs		
MCS Access@Home	Micro-appliance for larger scale quality testing deployments	• **Low cost** for high scale deployments • **Improves quality** of remote @home support services to customers	• Data Flow Quality • Throughput TCP • VoIP UDP	

EMBEDDED TECHNOLOGY				
Test Method	**Description**	**Benefits**	**Supported Test Types**	**Platforms**
eMCS embedded technology / Mobility Development SDK	Cross-platform API technology extends the powerful MyConnection Server testing framework for mobile smart 3G and 4G devices and other third party devices and applications.	• **Seamless testing** from NetQCheck enabled devices, including mobile phones, routers, STBs, tablets • **Custom branded and white labeled** MCS compliant connection testing solutions • **Cross platform availability** provides a centrally managed application for multi-platform environments	• Throughput TCP • Capacity UDP • VoIP UDP • Response time: Ping, HTTP, FTP, DNS	**Systems:** Windows Linux Max OSX **Mobile Devices:** Android Mac iOS Windows Mobile Contact Visualware for additional platforms.

[1] eMCS embedded technology provides ability to integrate MCS Remote Agent Technology into applications and devices

[2] AccessCT2 and AccessCM appliances test throughput up to 100Mbps

AccessCT1 appliance tests throughput up to 70Mbps

AccessCXT and AccessCXM appliances test throughput up to 1Gbps