

NE@ONE

UNDERSTAND | PREDICT | MANAGE

Network Emulation Data sheet

**iTRINEGY**

Understand the impact of planned IT changes

Know the effect of
deployments or
migrations before
committing budget and
resource

Models To Suit Your Needs

A Choice of 50Mbps or
100 Mbps virtual
appliances

Multiple Concurrent Links Save Testing Time

NE-ONE Flex Model 5
enables you to
simultaneously run
multiple link emulations
so that you can perform
concurrent tests helping
to save valuable testing
time

“Last Hop/ Last Mile” link included as standard to reflect the real world

NE-ONE Flex Model 5
provides the facility to
replicate the last part of
the network link or
replicate a middle hop
location to more
accurately reflect the
real world

Unique Auto- Configuration makes setting up network links simple and quick

Simply select your
chosen locations from
the intuitive GUI drop-
down prompt lists and NE-
ONE will automatically
provide the right
impairment values



A Real-World Test Network for your Virtual Environment!



NE-ONE Flex Virtual Network Emulator ensures that applications built and tested in a virtual environment will work as expected in the real world.

Certified VMware Ready™, this powerful virtual test network can be spun up anywhere in your organization to verify the performance of your applications in real world networks, making it ideal for use by developers and testers alike.

Like the NE-ONE desktop appliances, NE-ONE Flex is a sophisticated but very simple to use Network Emulator featuring a highly intuitive pictorial web GUI with unique self configuration capability.

Built on 10 years of iTrinegy innovation and product leadership, the NE-ONE Flex Emulator range has distinctive and differentiated design features which set it apart from the competition:

- A choice of Single Link (Model 1 or Multi link and dual/last mile hop capability. (Model 5)
- A highly intuitive pictorial web GUI with unique self configuration for impairment values.
- Multi-user capability
- Built-in video tutorials to guide the user through all the major features

MULTIPLE CONCURRENT LINKS

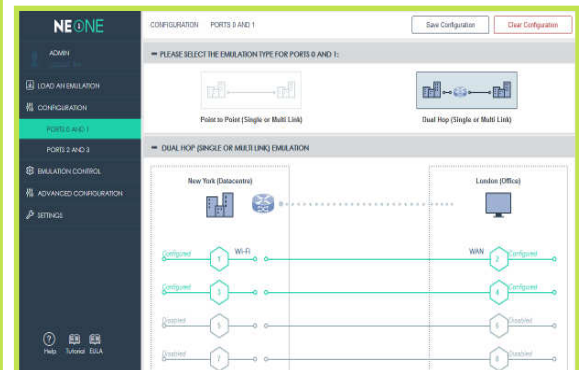
In the real world, networks rarely consist of a single link with a uniform set of network characteristics. To reflect this reality, NE-ONE Flex Model 5 provides configuration for multiple simultaneous paths between end points.

DUAL HOP/LAST MILE EMULATION

Just as emulating real world point-to-point networks often requires a multiple link capability, it is equally true that real networks rarely comprise a single path but typically involve a final “last mile” hop. For example a datacenter to a branch office will also include a Wi-Fi connection.

Flex Model 5 of the NE-ONE Emulator provides the facility to replicate that last part of the journey or replicate a middle hop location.

INTUITIVE “PICTORIAL” WEB GUI



The pictorial GUI lets you create realistic networks including a “Last Hop” in less than a minute (Flex Model 5)

The NE-ONE user interface is uniquely designed to make configuration simple and quick:

6 SIMPLE STEPS TO CREATING YOUR REAL-WORLD NETWORK

Select your Network Configuration type:

- ⇒ With/without a hop/last mile*.
- ⇒ Select the End Point Locations from a drop down prompt list.
- ⇒ Change to a suitable icon, if desired.
- ⇒ Choose the Link types i.e. MPLS, Wi-Fi etc.
- ⇒ Confirm or amend the Auto-Configuration impairment criteria recommended by NE-ONE.
- ⇒ **RUN THE EMULATION**

*Flex Model 5

Multi-User

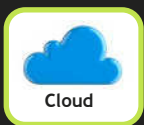
All NE-ONE Flex models support multiple simultaneous users

Output Graphs

NE-ONE Flex contains an extensive selection of graphs displayable from menus within the GUI

Embedded Video Tutorials

NE-ONE Flex comes with a suite of self-help videos to help you fully maximize your use of this powerful network emulator



AUTO-CONFIGURATION & PREBUILT SCENARIOS

An compelling and unique NE-ONE feature is the Auto-Configuration capability. Auto-Configuration negates the guess work or the need to be a network specialist in setting emulation impairment values. NE-ONE Auto-Configuration allows a user to simply choose the required end point locations (from a catalogue of some 42,000 choices), the link type and the link quality and NE-ONE calculates the impairment criteria (latencies, loss, bandwidth, etc.) automatically.

NE-ONE Flex emulator also comes supplied with a standard library of the most commonly encountered network scenarios so that you can be up and running in seconds.

MULTI-USER CAPABILITY

NE-ONE Flex emulators support multiple simultaneous users; users can collaborate on configurations and jointly view graphs test results.

“SIMPLE & QUICK” CAN ALSO BE “EXTENSIVE & SOPHISTICATED”

The fact that NE-ONE is highly intuitive to use does not mean it lacks any sophistication and extensibility. In “Advanced Mode” NE-ONE provides user access to the richest set of additional network impairment conditions available from any competitive product.

Please refer to the “[NE-ONE Emulator Impairment Summary Data Sheet](#)” for more information.

NE-ONE FLEX MODELS

With two NE-ONE Flex Emulator models the NE-ONE solution delivers unsurpassed network test capability and value for money.

The following NE-ONE Flex Emulator models are available:

NE-ONE Flex Emulator Model 1:

- 2 x 50Mbps Emulation Ports
- 1 Emulated Network Link

NE-ONE Flex Emulator Model 5:

- 2 x 100Mbps Emulation Ports
- 5 Concurrent Emulated Network Links

All Emulation Ports are Full Line Rate, Bi-Directional

All models support multi-user.

You may also be interested in our NE-ONE Desktop Appliance range which includes the ability to run dual concurrent emulations up to 1Gbps.



COMPLEMENTARY PRODUCTS

Also available as a virtual appliance is the NE-ONE Flex Profiler which delivers comprehensive analysis of network traffic, utilization and application performance through an elegant web-based GUI.

NE-ONE Flex Profiler can also be used to capture network characteristics that can be loaded into the NE-ONE Flex emulator to replicate the profiled network scenario.