Network Equipment Technologies

AOF Indemnification and Liability Statement (NORMATIVE)

ACTA Secretariat
c/o ATIS
1200 G Street, NW
Suite 500
Washington, DC 20005

November 9, 2011

RE: Statement of Indemnification and Liability for use of the ACTA Online Filing ("AOF") system for NET – UX1000 Unified Exchange bearing labeling identification number US:1BHISNANUX1000.

ACTA Secretariat:

To access the ACTA Online Filing ("AOF") database of Part 68 approved telephone terminal equipment ("TTE"), I acknowledge that it is necessary for each entity, organization and individual, whether accessing the database on its own behalf or on behalf of another, including each Telecommunications Certification Body (a "TCB") and each Responsible Party (a "RPC"), to obtain a password. By submitting this statement, I agree to the following terms and conditions and request a password.

As a Responsible Party I agree to indemnify and hold harmless the Administrative Council for Terminal Attachment ("ACTA"), its members, affiliates, Secretariat, and Sponsors, and each of their officers, directors, employees, participants, agents and representatives (the "ACTA Parties"), of and from any and all liabilities, losses, costs, damages, claims, suits or expenses (including reasonable attorneys' fees and costs) of any kind whatsoever, arising from or relating to submissions, filings, or information submitted to ACTA, or the Responsible Party's Supplier's Declaration of Conformity ("SDoC") or Telecommunications Certification Body (a "TCB") Grant of Certification submitted to ACTA in connection therewith.

I further acknowledge and agree that ACTA, and the ACTA Parties shall not, and do not, assume, and expressly disclaim, any and all liability, responsibility and obligation in connection with any loss, damage or claim arising from or relating to, in any way, ACTA's inactions or actions relating to publication, distribution or other use of any information relating to publication, distribution or other use of any information relating to or concerning submissions, filings, or information submitted to ACTA, including without limitation in connection with any claims or liabilities sounding in contract, tort (including negligence or strict liability), or otherwise, and in no circumstances shall ACTA or the ACTA Parties be liable for any loss of profits, loss of use, loss of production, loss of goodwill, or incidental, direct, indirect or consequential damages of any kind.

I further agree that pursuant to §68.218 and §68.348 in the FCC Rules and Regulations, no changes will be made to the terminal equipment submitted to ACTA for inclusion in the database of approved Part 68 equipment or the protective circuitry that would result in any change in the information contained in the corresponding SDoC or TCB Grant of Certification without filing of a new SDoC or TCB Grant of Certification.

Where applicable, I also agree to make freely available to the general public and accessible to the disabled community a copy of any SDo I submitted to the ACTA database of Part 68 approved TTE or, in the alternative, to cause a copy of any SDoC I submitted to be freely available to the public via the ACTA web site with the understanding that such service may be subject to an administrative fee.

I UNDERSTAND THAT AGREEMENT TO THE FOREGOING SHALL BE BINDING ON MYSELF, AS WELL AS ON EACH ENTITY AND ORGANIZATION ON WHOSE BEHALF I AM ACTING IN CONNECTION WITH THE ACTA BATABASE. IN ADDITION I AGREE TO BE BOUND TO EACH OF THE FOREGOING TERMS AND CONDITIONS TO THE EXTENT THEY ARE AGREED TO BE ANY ENTITY, ORGANIZATION OR INDIVIDUAL THAT, IN CONNECTION WITH THE ACTA DATABASE, REPRESENTS ITSELF OR HIMSELF TO BE ACTING ON MY BEHALF OR ON BEHALF OF ANY ENTITY OR ORGANIZATION REPRESENTED BY ME IN CONNECTION WITH THE ACTA DATABASE.

Tailey Tung

Tailey Tung
Compliance Consulting Engineer
Network Equipment Technologies, Inc.

Supplier's Declaration of Conformity

for

NET – UX1000 Unified Exchange bearing labeling identification number US:1BHISNANUX1000.

Reference Number: NET SDoC-001-2011
Place of Issue: Fremont, California, United States
Date of Issue: November 9, 2011

Network Equipment Technologies, Inc. located at 6900 Paseo Padre Parkway, Fremont, California 94555 in the United States of America hereby certifies that the NET – UX1000 Unified Exchange bearing labeling identification number US:1BHISNANUX1000 complies with the Federal Communications Commission's ("FCC") Rules and Regulations 47 CFR Part 68, and the Administrative Council on Terminal Attachments ("ACTA") - adopted technical criteria ANSI/TIA-968-B, Telecommunications – Telephone Terminal Equipment – Technical Requirements for Connection of Terminal Equipment To the Telephone Network, August 2009 as well as ANSI/TIA-968-A; TIA-968-A-1; TIA-968-A-2; TIA-968-A-3; TIA-968-A-4; TIA-968-A-5; and TIA-1096.

Tailey Tung

Tailey Tung
Compliance Consulting Engineer
Network Equipment Technologies, Inc.

ACTA
c/o ATIS
1200 G Street, NM Suite 500
Washington, DC 20005

November 9, 2011

ACTA / FCC Part 68 Original Filing for NET – UX1000 Unified Exchange

This is the ACTA Online Filing request for the inclusion and registration of NET – UX1000 Unified Exchange information in the centralized database of approved FCC Part 68 terminal equipment.

The NET-UX1000 is a 1U (1.75") high and 19" wide Unified Exchange equipped with common control motherboard, one 2-port or single port T1/E1 interface card for connection to public network 1544 kbit/s or 2048 kbit/s digital and ISDN primary rate access lines, 1 digital signaling processor (DSP) card, 2 Ethernet ports for 10/100/1000Mbps internet protocol devices and 2 USB ports for data devices. It also has the option to provide 2 additional DSP cards, one single port T1/E1 WAN card for connection to 1544 kbit/s or 2048 kbit/s data network WAN line and one single board computer with 2 USB ports.

There are 6 configurable card slots at the back of the NET-UX1000 chassis to provide connection for the following interface cards.

1. Up to six 4-port FXS cards for on-premises analog telephone equipment.
2. Up to six 4-port FXO cards for connection to PSTN analog trunk lines (not included in this registration).
3. Up to two 4-port ISDN BRI S/T interface cards (not included in this registration).

All tests required for proving the compliance of UX1000 Unified Exchange with the FCC Part 68 requirements and ACTA adopted technical criteria were conducted by the Underwriters Laboratories with TCB ID US0114. The test results confirm the UX1000 Unified Exchange complies fully with ACTA adopted technical criteria ANSI/TIA-968-B as well as ANSI/TIA-968-A; TIA-968-A-1; TIA-968-A-2; TIA-968-A-3; TIA-968-A-4; TIA-968-A-5; and TIA-1096.

Sincerely

Tailey Tung

Tailey Tung
Compliance Consulting Engineer
Network Equipment Technologies, Inc.
Phone: (510)574-2385 Fax: (510)574-4089

NET - UX1000 Unified Exchange Customer Information

FCC Registration and Requirements

The following paragraphs appear in user's manuals describe requirements and information based on FCC rules.

Service

If you experience problem with the NET - UX1000 Unified Exchange products, contact NET Technical Support Center at 1-800-800-4638 for information on service or repairs. The telephone company can ask you to disconnect the equipment from the network until the problem is corrected or until you are sure that the equipment is not malfunctioning.

FCC Rules, Part 15

The NET - UX1000 Unified Exchange has been tested and complies with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference in the user's expense.

FCC Rules, Part 68

1. FCC Part 68 Registration

The UX1000 Unified Exchange complies with Part 68 of the FCC Rules and the requirements adopted by the Administrative Council of Terminal Attachments (ACTA). On the back of this equipment is a label that contains, among other information, the ACTA labeling identification number US:1BHISNANUX1000. If requested, this information must be given to the telephone company.

2. Ringer Equivalence Number (REN)

The ringer equivalence number (REN) is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.

3. Facility Interface Information

In order to connect registered terminal equipment to the telephone company lines, the terminal equipment must utilize FCC registered jacks. Standardized jacks are used for this equipment.

The following tables list facility interfaces, manufacturer's network interface port designations, RENs or service order codes, and network jacks.

This table lists the network trunk interfaces for digital services.

Manufacturer Port Identifier	Facility Interface Code (FIC)	Service Order Code (SOC)	Network Jack
T1/E1 PSTN	04DU9-BN	6.0P & 6.0Y	RJ48
T1/E1 PSTN	04DU9-DN	6.0P & 6.0Y	RJ48
T1/E1 PSTN	04DU9-1KN	6.0P & 6.0Y	RJ48
T1/E1 PSTN	04DU9-1SN	6.0P & 6.0Y	RJ48

4. Disruption of the Network

If the UX1000 Unified Exchange disrupts the telephone network, the telephone company can discontinue your service temporarily. If possible, the telephone company will notify you in advance. If advance notice is not practical, they will notify you as soon as possible. You are also informed of your right to file a complaint with the FCC.

5. Telephone Company Facility Changes

The telephone company can make changes in its facilities, equipment, operations, or procedures that can affect the operation of your equipment. If they do, you should be notified in advance so you have an opportunity to maintain uninterrupted telephone service.

6. Non-live Voice Equipment

Non-live voice equipment such as music-on-hold devices and recorded announcers for systems must be approved by and registered in accordance with the ACTA adapted ANSI/TIA-968-B standard, or it must be connected through protective circuitry that is approved by N.E.T. and registered in accordance with the ACTA adapted ANSI/TIA-968-B standard.

7. Newly Established Network Area and Exchange Codes

The routing software features allowing user access to the network must recognize newly established network area codes and exchange codes as they are placed in service.

Failure to upgrade the premises systems or peripheral equipment to recognize the new codes as they are established restricts the customers and the customer's employees from gaining access to the network and to these codes.

8. Equipment with Direct Inward Dialing (DID)

Allowing the equipment to be operated in such a manner as to not provide for proper answer supervision is a violation of Part 68 of the FCC rules.
Proper answer supervision is when:

a. This equipment returns answer supervision to the PSTN when DID calls are:

- Answered by the called station.
- Answered by the attendant.
- Routed to a recorded announcement that can be administered by the CPE user.
- Routed to a dial prompt.

b. This equipment returns answer supervision on all DID calls forwarded to the PSTN. Permissible exception are:

- A call is unanswered.
- A busy tone is received.
- A reorder tone is received.

9. Hearing-Aid Compatibility

Telephones for emergency use and telephones installed in common areas such as lobbies, hospital rooms, elevators, and hotel rooms must have handsets that are compatible with magnetically coupled hearing aids. Persons who are not in common areas must also be provided with hearing-aid compatible handsets, if needed.

FCC required hearing-aid compatible analog and digital telephones comply with the FCC Rules, Part 68, Section 68.316 and 68.317 for used with the UX1000 Unified Exchange.

10. Programmed Dialer Features

When you program emergency numbers or make test calls to emergency numbers using N.E.T. products with programmed dialer features, stay on the line and briefly explain to the dispatcher the reason for the call before hanging up. Perform these activities in off-peak hours, such as early morning or late evening.

11. Connecting Off-premises Station Facilities

Customers who intend to connect off-premises station (OPS) facilities must inform the telephone company of the OPS class for which the equipment is registered and the connection desired.

12. Equal Access Requirements

Call aggregators such as hotels, hospitals, airports, and so on must provide the end-user equal access codes to the carriers of the user's choice. The most common equal access codes are 800, 888 or 950.

The UX1000 Unified Exchange is capable of providing user access to interstate providers of operator services through the use of equal access codes. Modification by aggregators to alter these capabilities is a violation of the Telephone Operator Consumer Services Improvement Act of 1990 and Part 68 of the FCC Rules.

13. Electrical Safety Advisory

While the UX1000 Unified Exchange is fully compliant with the FCC rules and regulations, it is recommended that an alternating current (ac) surge arrestor of the form and capability suitable for the model purchased be installed in the ac outlet to which the UX1000 Unified Exchange is connected. Consult with you distributor as to the surge protector requirements for your equipment.

ACTA
c/o ATIS
1200 G Street, NM Suite 500
Washington, DC 20005

November 9, 2011

NET - UX1000 Unified Exchange Product Labeling Information

The NET - UX1000 Unified Exchange will permanently affix on a visible outside surface of the equipment product label bearing identification number US:1BHISNANUX1000.

As required by ACTA, the product label shall be permanently affixed and legible without magnification. It may be etched, engraved, stamped, indelibly printed or otherwise permanently marked. The information may be marked on a nameplate of material fastened to the enclosure by welding, riveting or with a permanent adhesive. The nameplate shall be able to last for the expected lifetime of the equipment and not be readily detachable. The labeling content and format requirements in effect when a product was approved shall be effective for the life of the product. The label shall be placed in a location on the device where it can be found after installation. The label shall not be placed on the rear of a permanently wall-mounted device in a manner such that it is not readily accessible.

Tailey Tung

Tailey Tung
Compliance Consulting Engineer
Network Equipment Technologies, Inc.