



# NKL Edge / Edge Plus Site Information Sheet

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Software Serial #: \_\_\_\_\_ (Assigned by FKI Security Group with purchase of Edge Software)

### **Site Information:**

Store Name / Number: \_\_\_\_\_

Store Address: \_\_\_\_\_

Store Phone: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Safe Serial #: \_\_\_\_\_

### **Type of Connection:** (Circle One)

Modem                  Network (TCP/IP)                  Serial (On Site)

### **Network Settings:**

**Protocol:**      UDP                  TCP/IP                  **Remote IP Port\*:** (UDP Only) \_\_\_\_\_

**IP Address\*:** \_\_\_\_\_ **Port #\*:** \_\_\_\_\_

**Gateway\*:** \_\_\_\_\_

**Subnet Mask\*:** \_\_\_\_\_

\*Assigned by Customer's IT Dept.

**Network Cable / Jack located within 6 feet of proposed safe installation location?**      Yes      No

**Network Cable / Jack tested?**                  Yes      No

### **Modem Settings:**

Phone Number: \_\_\_\_\_

**Telephone Jack located within 6 feet of proposed safe installation location?**      Yes      No

**Telephone Jack tested?**                  Yes      No

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## NKL Edge / Edge Plus Requirements Cont.

Edge software can communicate to the NKL Cash Handling safes in three ways: Serial, Modem, and TCP/IP. This document will identify each, explain the connection type, and specify requirements for each connection.

All communication requirements are the responsibility of the customer prior to the installation of the safe(s). Once the communication medium is decided upon and installed, the customer must have the detailed communication information (Edge Site Information Sheet) for each location; this will ensure a more efficient setup when the Edge software is being configured.

### **Serial (RS232):**

This connection is made onsite where the safe is physically located. A special cable (P/N 150500096) is required to connect direct from the PC that is running the Edge software to the communication port at the back of the safe. Very little preparation is required for this type of connection. The PC running the Edge software should have an available COM (serial) port available and the null modem cable should be run (installed) from the PC to the location where the safe will be installed.

### **Modem:**

This connection can be made from virtually anywhere. It requires the PC running the Edge software must have a modem, and access to a telephone line. At the site where the safe is installed, there must be an external modem connected to the safe, as well as a telephone line/jack to that modem, or within six feet of the location where the safe is to be installed.

The telephone line should be a dedicated line; however, there are switching devices available on the market that will accommodate multiple devices on a single line.

If modem connectivity is known at the time of ordering the safe, NKL will bundle the modem with the safe purchase. If the customer provides the modem, the interface cable must be purchased from NKL (P/N 150500095).

The external modem must meet the following requirements (an external modem purchased from NKL will meet these requirements):

- 100% AT Command Set Compatible
- V.34 Compliant
- V.42 Compliant
- V.90 Compliant
- Auto-Answer
- Auto-negotiates to achieve the fastest connection possible



## NKL Edge / Edge Plus Requirements Cont.

### **TCP/IP - UDP:**

This connection may also be known as a LAN or Network Connection. This connection can be made from virtually anywhere. It requires that there be high speed connectivity from the PC to the location where the safe is installed.

When this connection is performed on site; (the safe and the PC are in the same building) the LAN or Local Area Network must have an available port for the safe to connect to.

When this connection is performed offsite; the remote location, (corporate office, home, another store, etc...) there must be high speed or network access at both ends. This high speed or network access can be, but not limited to:

- Frame Relay
- DSL
- Cable Modem
- Wireless
- Vsat (satellite service)

The Safe will communicate via an RS232 to network adapter, if network connectivity is known at the time of ordering the safe, NKL will bundle the Lantronix converter with the safe purchase.

Prior to installation, the customer must provide the IP Address, Gateway, and subnet mask information that the safe will be assigned once connected to their network. Also required is an Ethernet cable/jack within six feet of the location where the safe is to be installed. This cable/jack should already be tested/connected to the customer's networking equipment before the safe is installed at the site.

### **\*\*\*Note\*\*\***

*Method of communication should be determined prior to safe installation, this will allow for timely installation and training.*

### **Edge / Edge Plus PC Requirements:**

Edge Software may be installed on PCs running these Microsoft Windows operating systems (all of the latest service packs and updates are strongly recommended):

- Windows 98 (Requires 2nd Edition, Latest Updates must be installed)
- Windows NT4 (Service Pack 6 Required)
- Windows 2000 (Service Pack 2 required)
- Windows Me
- Windows XP

The PC should have a 233 MHz Pentium II or better processor. Depending on the connection method used, the PC must be equipped with one of the following: 56K modem, Ethernet network interface card with TCP/IP protocol installed and properly configured, RS232 port configured for 9600 N81 communication.

The software itself requires 30 MB of hard drive capacity, however 40 GB or more of space is recommended for long term accumulation of report data.

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## NKL Edge / Edge Plus Requirements Cont.

### Site Preparation:

Prior to installation, make sure there is adequate clearance for the body and base of the safe as well as proper electrical power.

### Space Requirements:

Space must be provided for mounting the safe, including base (if used), plus required air gaps for access. Side space is required in order to allow access to critical rear-mounted connection. Swing clearance is required to allow full access to the interior.

- Clear Opening: 4 Inch Side Clearance (Hinge Side)
- Clear Opening: 6 Inches Rear Clearance
- 170° Door Swing Clearance
- Body and Base Height Clearance

### Power Requirements:

A standard NEMA 15 amp 115 VAC grounded outlet must be provided within 6 feet of the hinge side of the safe. The unit may share its AC circuit with other point of sale electronic equipment, however, **must not** be on the same circuit as rotating machinery such as a cooler or other refrigeration equipment.

- Dedicated Standard 115 VAC Grounded Outlet
- No Rotating or Heavy Loads on AC Circuit
- Outlet within Six Feet of Hinge Side
- **Do NOT** Connect Other Loads to the Safe's Surge Protector.
- Use 24 VAC power supplies with MARS validators
- 12 VDC power supplies with JCM validators
- 9 VDC power supplies with EPR panels

**\*\*\*NOTE: Using an incorrect aux power supply will cause component failure.\*\*\***