

Technical Service Bulletin

To: ANDI & NeXGen Service and Help Desk Personnel

From: Allied Electronics Technical Support

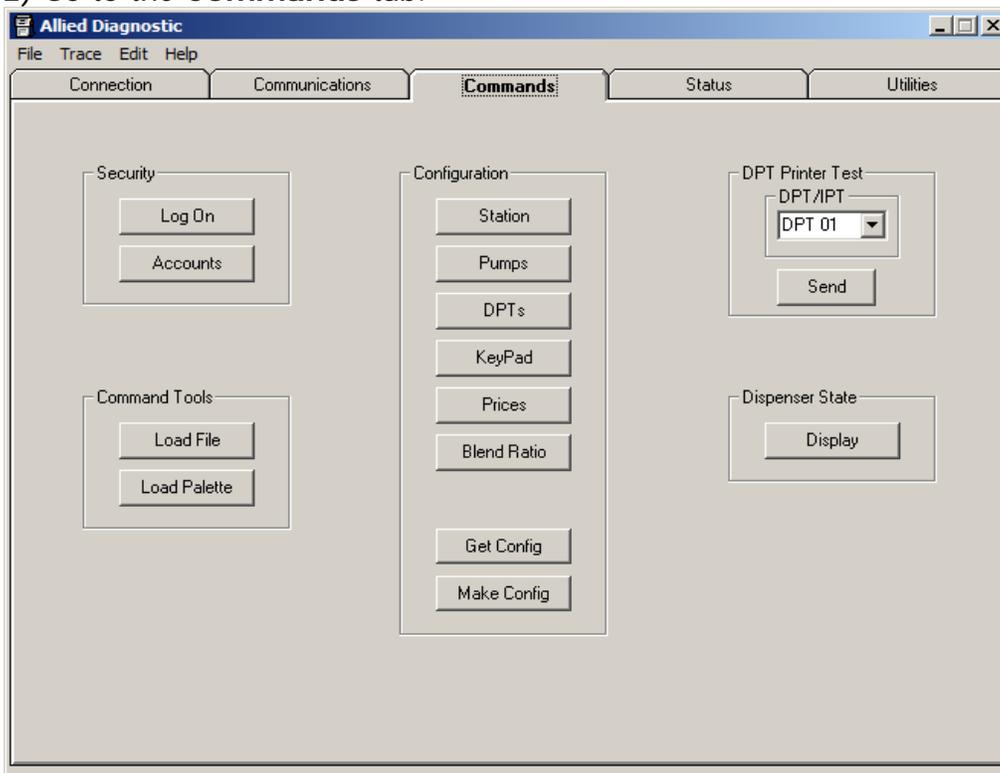
Date: February 15, 2013

Re: ANDI_DGS Keypad Constructor

The ANDI_DGS utility provides a feature that allows for the re-mapping or “construction” of a dispenser keypad. This feature may be necessary if a dispenser has a keypad that has a layout undefined in the NeXGen *Installation and Startup Guide*.

The following procedure assumes that the user has been trained on the ANDI_DGS utility (aka DGS).

- 1) Launch the DGS utility and connect to the NXG via Ethernet or Serial communications.
- 2) Go to the **Commands** tab.

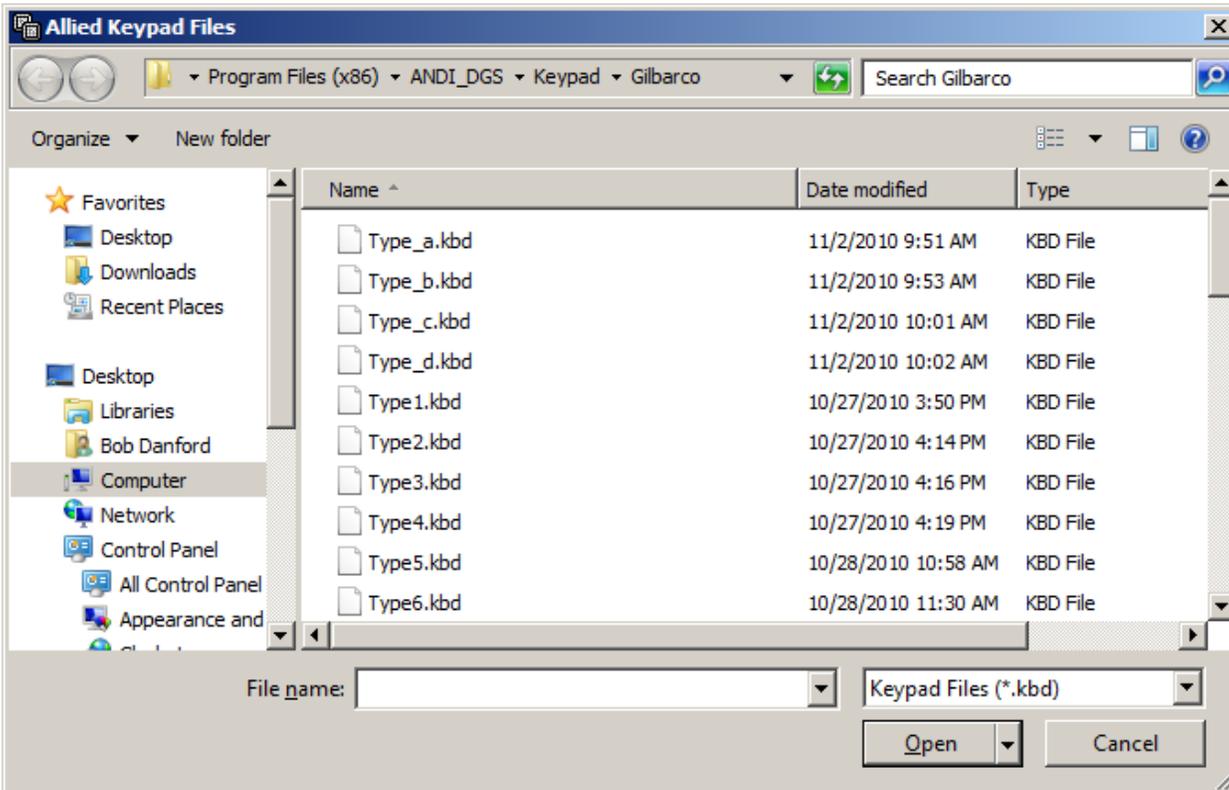


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3) Under the "Configuration" column, click "KeyPad." The "KeyPad Constructor" box will appear.



4) For purposes of this bulletin, we'll use Gilbarco as an example. So, click on the *File* pulldown menu and click *Load*. The *Allied Keypad Files* box should appear with the path *C:\Program Files (x86)\ANDI_DGS\Keypad\Gilbarco*.

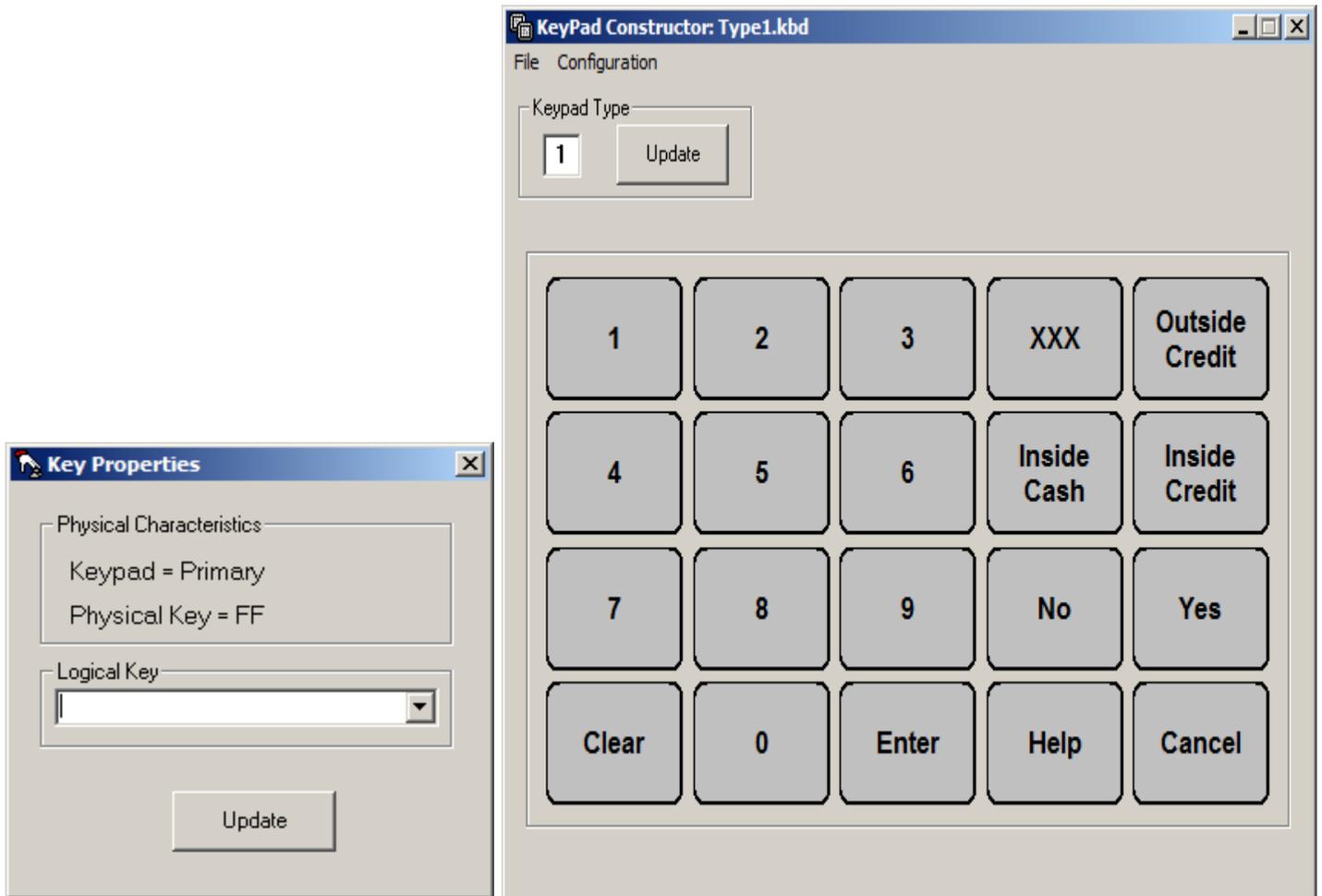


5) The keypad values listed are those already pre-defined in the *NeXGen Installation and Startup Guide*. This utility will essentially re-map a predefined keypad to match the keypad(s) at the site.

TIP #1: Select a keypad from the list that closely resembles the keypads at the site (if possible). This will keep any changes to a minimum.

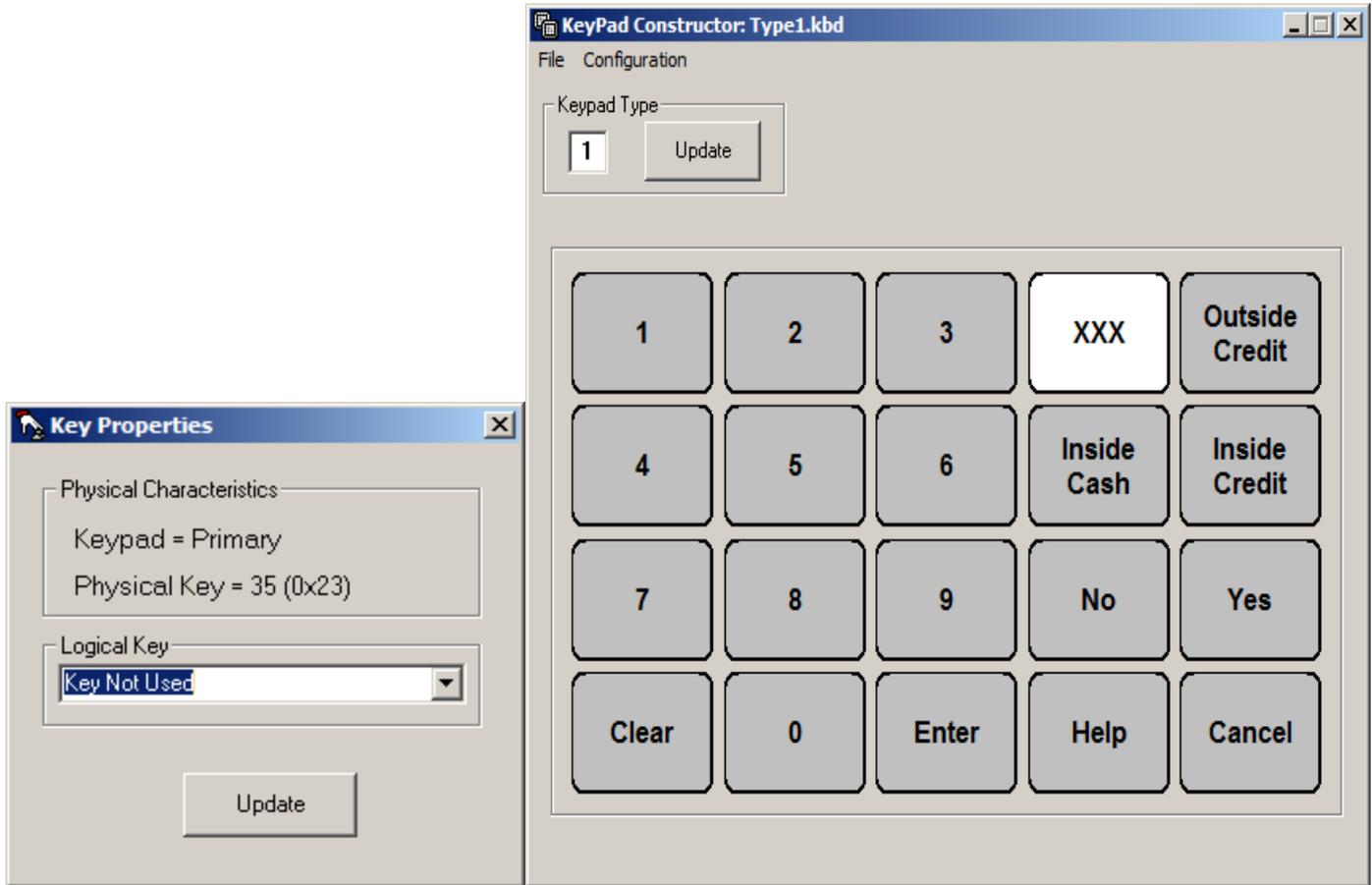
TIP #2: If you have certain fueling points that already have predefined keypads and you only need to construct a keypad for the specific fueling points, DO NOT choose a keypad value that's currently in-use on the functioning fueling points.

6) Select a keypad type and click *Open*. In this example, keypad type 1 was chosen and two boxes appear: *Key Properties* and *KeyPad Constructor: Type1.kbd*.

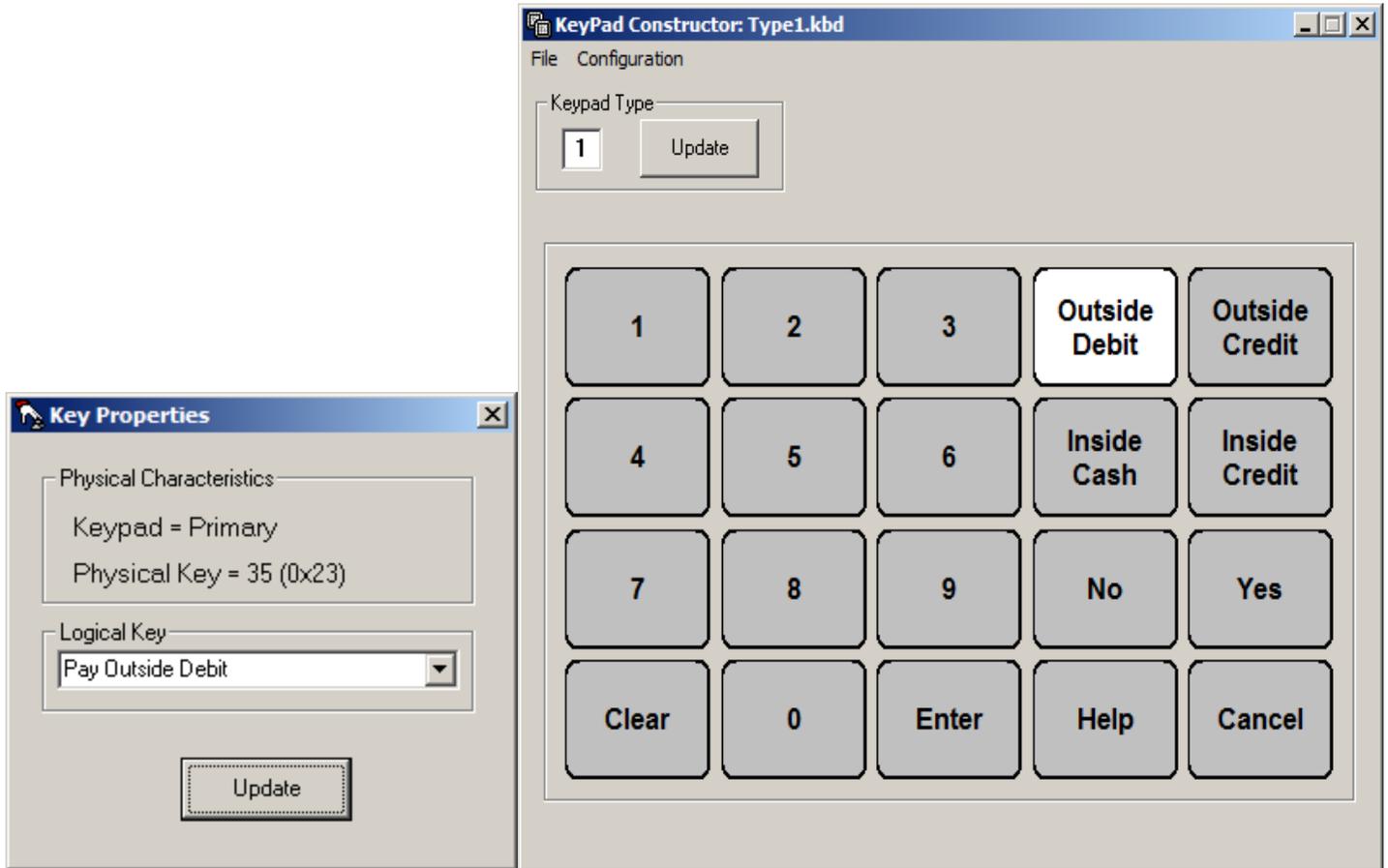


7) In this example, we want to make the XXX (blank) key to the left of the "Outside Credit" key an "Outside Debit" key.

8) Click on the "XXX" (blank) key. The "Logical Key" field in the *Key Properties* box displays "Key Not Used." The "XXX" (blank) key in the *KeyPad Constructor: Type1.kbd* box turns white.



9) Use the pulldown menu in the "Logical Key" field to view the available options to configure your keypad. Select "Pay Outside Debit" and click the "Update" key in the *Key Properties* box.



10) Notice that the “XXX” (blank) key changed to “Outside Debit.” Click “Update” on the *KeyPad Constructor: Type1.kbd* box. The “Outside Debit” key will no longer be white after you do this.

11) Click on the *Configuration* pulldown menu on the *KeyPad Constructor: Type1.kbd* box. At this point you could choose “Write to Controller” which will cause DGS to automatically send the updated keypad type 1 out to the NXG. You’ll need to make sure the applicable dispensers are configured for keypad type 1 as well. This should be done at the point-of-sale.

At the *Configuration* pulldown menu, you could also select “Write to Clipboard” which will still create an ANDI message level string. If you were to click “paste” in an e-mail, Notepad, Word document, or even the “Send” line of the **Communications** tab on DGS, you’ll see a string of data that looks something like this:

DPTXX N12032133234335C36N37438539640E41F42743844945G46H47A48049B50I51J

This is the string you’ll need to provide to the point-of-sale technician to include in the POS-to-NXG configuration. You’ll also need to inform the POS technician that you modified keypad type 1. The POS technician will make sure that each fueling point with this keypad layout is configured for the “new” keypad type 1 at the POS.

Contact Allied Electronics Technical Support with any questions or concerns:

800-223-3619

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