

Date: November 14, 2005

Updating Hasps

In general, Hasps are defined with the following parameters: System type (TK2000/TKSQL), System Modules (TC, BA, DA, iBrowse) and number of active* employees in the system. The device itself is pre-programmed for Local PC use or LAN, and number of users in the LAN. Here is the procedure to update the hasp with the coded strings of the needed definition:

* Release Dated May-10th

Single-user Hasp (Blue Hasp)

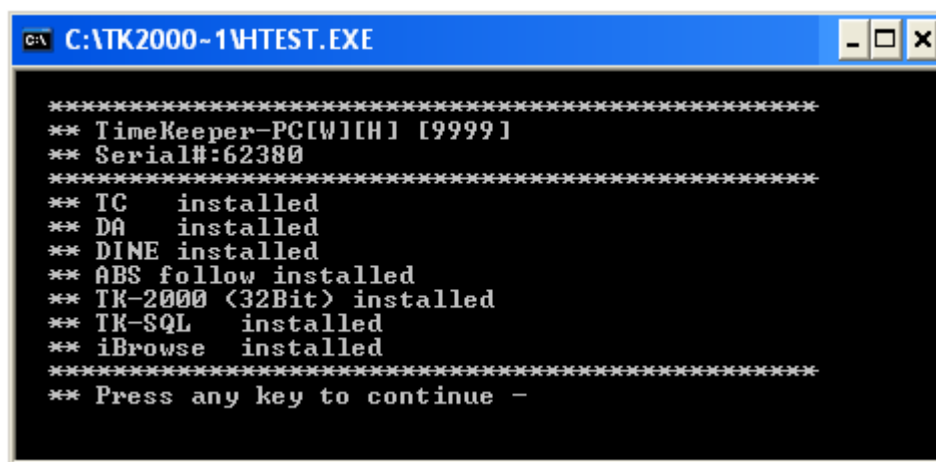
Required Program Files (Installed automatically in TK2000 directory):

CUSTOMER.EXE (Program)
HTEST.EXE
LCUSTGET.BAT
LCUSTSET.BAT

1. How to check what is available on a single user hasp:

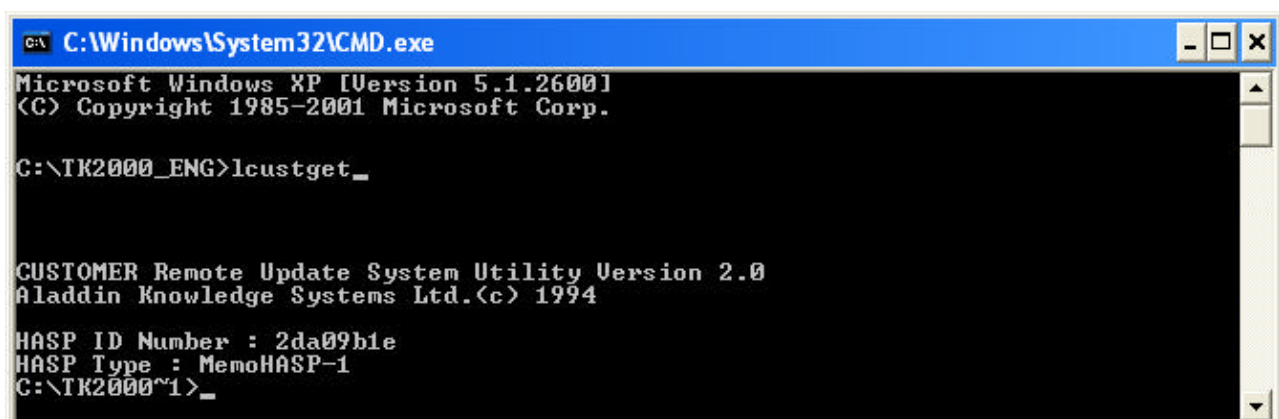
Run the following command from Windows command line at " Start → Run": ... \ TK2000 \ HTEST.exe STD
Note that the parameter **STD** is mandatory.

The result is in the following screen: Number of Employees + Serial# + Installed modules



```
*****
** TimeKeeper-PC[W][H] [9999]
** Serial#:62380
*****
** TC    installed
** DA    installed
** DINE  installed
** ABS follow installed
** TK-2000 (32Bit) installed
** TK-SQL installed
** iBrowse installed
*****
** Press any key to continue -
```

2. To get the ID number of the hasp, run the command "LCUSTGET" from the TK2000 directory in the MS-DOS window. The result will be the hasp's ID number (as a coded string). This code is needed for decoding the definition of the hasp.



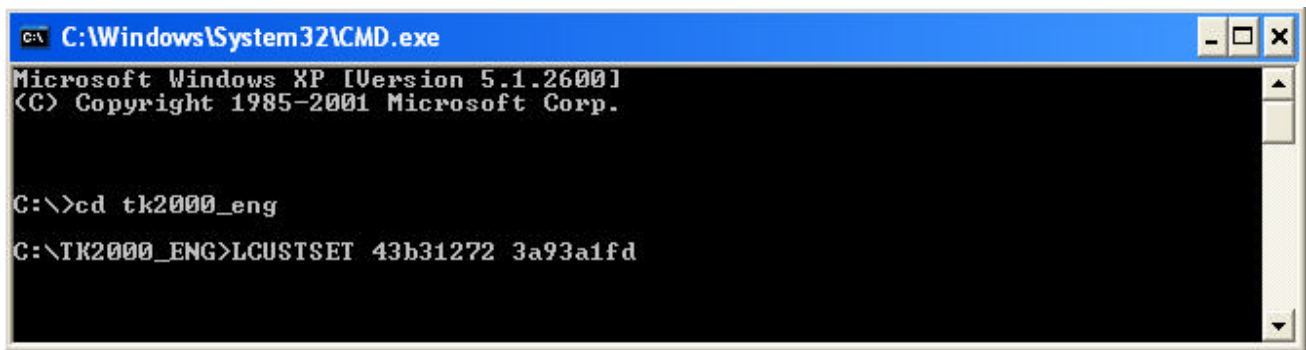
```
C:\Windows\System32\CMD.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\TK2000_ENG>lcustget_

CUSTOMER Remote Update System Utility Version 2.0
Aladdin Knowledge Systems Ltd.(c) 1994

HASP ID Number : 2da09b1e
HASP Type : MemoHASP-1
C:\TK2000~1>
```

3. To update a single user hasp, open the MS-DOS window, run the command "LCUSTSET" from the TK2000 directory followed by the strings for the update, as shown in the following screen.



```
C:\Windows\System32\CMD.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\>cd tk2000_eng
C:\TK2000_ENG>LCUSTSET 43b31272 3a93a1fd
```

Net Hasp (Red Hasp)

Required Program Files:

CUSTNET.EXE (Program)
LGETNET.BAT
LSETNET.BAT

In general, the principal of updating a net hasp (red) is the same way as updating a local hasp (blue), but using different commands:

1. LGETNET.BAT is used to get the hasp's ID string.
2. LSETNET.BAT is used for updating the hasp.