



Using SecurID on Windows XP

RADAR SUPPORT DOCUMENT
RADARDO 13

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This document discusses the procedure used to access CICS through the campus network using Windows XP. Access to CICS allows clients to use the AMS applications AFIN and SIS, in addition to other CICS facilities.

This document should be used by SecurID card clients using Windows XP who want to use a network connection and Blockade to access CICS, which runs on RADAR.

This document contains

- an introduction to SecurID
- instructions for obtaining and installing Vista tn3270 Emulator software
- instructions for connecting to CICS
- cautions
- additional help
- the SecurID card agreement
- Vista Features Overview
- Vista Key Function Chart

The conventions used in this document are

- **BOLDCAPS** = specific keys
- **Bold Title Case** = specific names of boxes, buttons, fields, files, folders, menus, and screens
- underline = typed key sequence

Additional sources include

- Tom Brennan Software Vista tn3270 web site:
<http://www.tombrennansoftware.com>
- "Accessing the BGSU Software Server"
<http://www.bgsu.edu/downloads/cio/file9253.pdf>

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1.0 Introduction

Bowling Green State University (BGSU) allows carefully controlled access to the administrative data on the RADAR computer system. For many years Customer Information Control System (CICS) access on RADAR was limited to terminals or microcomputers that were hard-wired (a communications wire runs directly from the terminal to the RADAR mainframe). Now, clients are able to connect to CICS through a modem or a network. The advantage of these additional options is that it is less expensive to use a modem or a network than it is to purchase a hard-wired line and the related equipment.

A SecurID card is a device approximately the length and width of a credit card and twice as thick. It has a liquid crystal display, showing a six-digit number that changes every sixty seconds; each card generates its own unique series of numbers. These cards are then assigned to clients' CICS accounts, and the numbers are used to access CICS through RADAR.

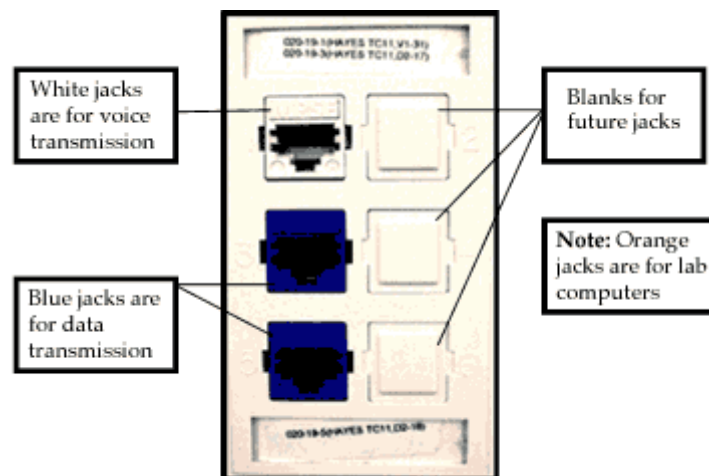
To get more information or to obtain a SecurID card at no cost, contact the BGSU Technology Support Center in person at 110 Hayes Hall, by phone at 419-372-0999, or via e-mail by filling out their online form at URL:

<http://www.bgsu.edu/its/tsc/page9500.html>

2.0 Setting up a Network Connection

To use CICS, a network connection is required. All Information Technology Services (ITS) computer lab systems and most microcomputers in campus offices are already connected to the campus network. If your microcomputer on-campus is not already connected to the network, you need to determine if your system is connected to a jack in a BIC (Bowling Green Information Connection) (See Figure 2.1). Wireless connections are not permitted to CICS for security purposes.

Figure 2.1 Jacks in a BIC



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For general questions regarding the campus network or information on setting up a wired connection, check the ITS – Networking site at the following URL:

<http://www.bgsu.edu/its/network/>

If your computer in a campus office has a wired connection and you are unable to access the campus network, consult the Technology Support Center (TSC) in person at 110 Hayes Hall or by phone at 419-372-0999. You can also report problems using their online form at URL:

<http://www.bgsu.edu/its/tsc/page9500.html>

If you live on campus in one of the residence halls or houses and need help setting up a wired connection, contact the Residential Computing Connection. See URL:

<http://rcc.bgsu.edu>

Using an (ISP) Internet Service Provider, you can use CICS if you have a network connection. Consult the yellow pages of the Bowling Green City telephone directory for Internet Service Providers in this area. Your ISP should provide you with configuration instructions.

Once you are connected, you will NOT, however, access your CICS account by selecting "Run" from the Start menu because that initiates a telnet connection. Instead you will need to use software that sets up a tn3270 connection.

3.0 Obtaining and Installing the Necessary Software

After your network connection is set up, you need to install a software application for a tn3270 client. A tn3270 client provides a terminal emulation that makes you think that you are logging on from an IBM 3270 terminal, which is required by certain hosts such as RADAR. The Technology Support Center currently supports an application called Vista for this purpose for Windows XP platforms. A version of the program can be downloaded from the BGSU Software Server in the Windows Internet Applications Window at the URL

<http://software.bgsu.edu>

Follow these instructions to install Vista TN3270:

1. On the BGSU Software Server, click "Windows Software". Then click on "Windows Internet Applications".
2. Next, click on the link called Vista 1.23 (tn3270 Emulator), to download a compressed version of the installer. Save it to the desktop.
3. Double click on the desktop icon called "Vista123.exe" to decompress the installer.
4. When the window "WinZip Self-Extractor-Vista121.exe," appears on your desktop, click on the **Unzip** button, then hit **OK**. Close out of this window.

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5. Open the folder on your desktop called "VistaInstaller" and double click on the icon **Setup.exe**. During the installation process, click **next**, then **Finish**.
6. When the installation process is successfully completed, you can dispose of the compressed file and the "VistaInstaller" folder located on your desktop.

For more information on using the BGSU Software Server, see the document 'Accessing the BGSU Software Server' at URL:

<http://www.bgsu.edu/downloads/cio/file9253.pdf>

For clients who want to use CICS from off campus, a version of Vista is distributed on the Anti-Virus/Internet CD available for checkout at the Jerome Library Circulation Desk, the Math/ Science Library, or the Firelands Library. Installation instructions are included on the CD.

If you encounter any problems obtaining or installing the software, contact the Technology Support Center in person at 110 Hayes Hall, by phone at 419-372-0999, or via e-mail by filling out their online form at URL:

<http://www.bgsu.edu/its/tsc/page9500.html>

4.0 Launching Vista on a Windows XP System to Connect to RADAR

To launch Vista, just go to the **Start Menu**, select **All Programs** then **Vista 1.21b** then **Vista**. If you don't find it there, go to the start menu and select **Search**. In the box labeled 'All or part of the filename', enter 'vista32.exe' and press the **Search** button. Click on the icon of type application to launch Vista.

The first time you launch the program, you will see a Vista- Start a New Terminal Session window. See Figure 4.1. Just click on the **Connect** button in the upper right hand corner of the window.

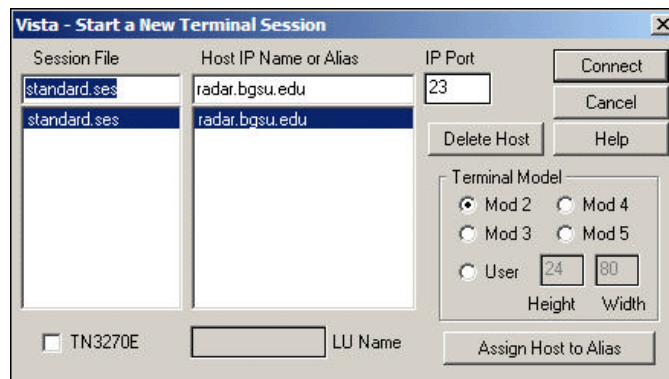


Figure 4.1 Vista - Start a New Terminal Session

The next screen that appears is the Blockade logon screen that you will use to connect to CICS. See Figure 4.2.

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On subsequent logins, Vista will automatically launch and the Blockade logon screens will appear in the window so you can connect to CICS. Vista is pre-configured so there is no additional configuration required.

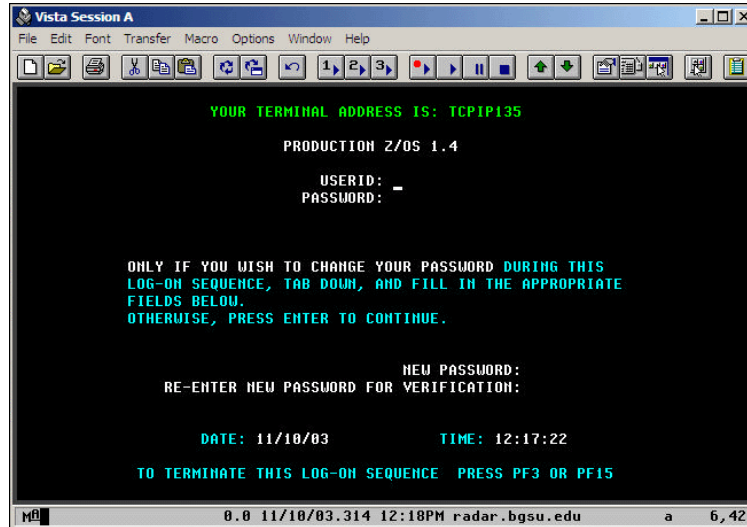


Figure 4.2 Blockade Login Screen

5.0 Connecting to CICS

After you have launched Vista and received a connection to RADAR, you should see the Blockade logon screens. See Figure 4.2.

To connect to CICS, follow these instructions:

1. The first screen you see will ask for your username and password. Enter your RADAR CICS username and password. Then press **ENTER**.
2. The next screen will request "PASSCODE". Enter the currently displayed number on your SecurID card and press **ENTER**. The display will change every 60 seconds. By watching the bars on the left side of the card, you will be able to tell if the number is about to change.
3. Use the **TAB** key to move around the screen. Type s (for select) next to either production CICS or trainer CICS, depending upon which application you wish to use and then press **ENTER**.

Blockade will now connect you to the CICS news screen.

6.0 Disconnecting from CICS

It is important that you disconnect or signoff CICS properly. Otherwise you may encounter problems the next time you try to connect. Although a common way to quit a program on a PC is to click on the 'x' in the upper right corner of the window, *DO NOT* do this while you are still connected to CICS!

To disconnect from CICS:

1. Press the F3 key until you get back to the CICS news/greeting screen
2. Press the F3 key one more time and it will take you to either the log on screen or a blank screen. You are now correctly logged out of CICS.
3. To quit Vista or the tn3270 connection program you are using, go to the File menu and select Exit.

7.0 Cautions

Under the following circumstances, access to your account will be revoked:

- if you supply a username not authorized by Blockade three times in a row.
- if you supply an incorrect password three times in a row.
- if you supply an incorrect number from the SecurID card display six times in a row.

If your account is revoked for one of the above reasons, you need to contact the BGSU Technology Support Center located in person at 110 Hayes Hall or by phone at 419-372-0999 to have your account reset.

8.0 Help Using Vista

To assist you in using Vista, Information Technology Services has prepared a Vista Features Overview and a Vista Key Function Chart included as Appendices B and C of this document. You can also use the online help supplied with the software under the HELP menu. For additional information about Vista, check the Tom Brennan Software Vista tn3270 web site at URL:

<http://www.tombrennansoftware.com>

9.0 Additional Help

For questions associated with BGSU hardware, software, network connections, BGNet accounts, class accounts or other computer accounts, clients can consult the TSC Self-Help pages at URL:

<http://www.bgsu.edu/its/tsc/self-help/>

Clients can also contact the Technology Support Center (TSC) in person at Hayes Hall, room 110, or by phone at 372-0999. Problems can be also reported to the TSC by using the TSC Online Submission form at URL:

<http://www.bgsu.edu/its/tsc/page9500.html>

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Comments, corrections, or suggestions concerning this document can also be reported to the TSC. Photocopying of this document is encouraged. Reprints of the document's content are permitted if credit is given and a copy is sent to ITS Documentation, 265 Hayes Hall, Bowling Green State University, Bowling Green, OH 43403.

Appendix A.
SecurID Card Agreement

SecurID Card Agreement

Please assign a SecurID card to my RADAR computer account, which is identified below.

I understand:

- the card is the property of Information Technology Services;
- the card must be returned if it is used in such a way as to compromise Bowling Green State University's computer security or if my association with the University ends;
- the card is to be used only by myself and if it becomes lost or stolen I am to notify the TSC;
- if the card is lost, stolen, or damaged so that it will not operate properly, a fee equal to the current replacement cost of \$63 will be charged to my department's budget;
- if I transfer from one department to another, I am to notify TSC;
- if I leave BGSU, I am to notify TSC.

Name (Please Print) _____ Date _____

Signature _____ ID Number _____

Department _____ DCC or Grant/Project ID # _____

RADAR (CICS) Username _____

CICS Contact Signature _____

The top section is to be completed and taken by the applicant in person to the Technology Support Center, Room 110 Hayes Hall. After verification of your University ID, a card will be issued. If this procedure is an inconvenience, alternative arrangements can be made by contacting the Technology Support Center, at 419-372-0999 for details. Submit your questions or problems via the Web by accessing the TSC's online submission form at <http://www.bgsu.edu/its/tsc/page9500.html>

This section is to be completed by the Technology Support Center.

SecurID Serial No. _____

Date Card Assigned _____ Date Returned _____

Date This Card Will Stop Working _____

Appendix B
Vista Features Overview

Appendix B. Vista Features Overview

Auto Keyboard unlock: Vista automatically unlocks the keyboard if you type in a protected field – no need to press unlock before continuing to type.

Cut JCL and Paste JCL: Smart selection and smart paste/replacement of JCL items.

Julian Date indicator: displays the current date in standard format and Julian format at the bottom of the screen, reducing the need to look up Julian date.

Multiple cut/paste buffers: up to 9 buffers. Repeatedly pressing the paste key cycles through the available items in the paste buffer.

Screen-level Undo: Resets the screen back to the way it was when the last transmission was received from the host.

Screen print customizations: You can have your name printed at the top of the page on screen prints. You can also choose to print two screen prints per page.

Smart Row/Column indicator: shows actual data column in lower right hand corner of screen when in ISPF edit, reducing the need to use the “cols” command in TSO edit.

Support for multiple terminal types: You can choose model 2 (24x80) model 3 (32x80), model 4 (43x80), model 5 (27x132), or a custom size of your choosing up to a maximum of 60 lines by 160 characters wide. This means it is possible to set your TSO session in such a way that you can see, for example, 43 lines per page rather than only 24. You may need to experiment to see what works best for your eyes with your monitor.

Type-ahead buffer: No need to wait for previous command to complete before beginning to type the next command.

Appendix C.
Vista Key Function Chart

Appendix C. Vista Key Function Chart

<u>3270 Function</u>	<u>Key</u>
BackNewLine	ctrl-PageDown
BackTab	shift-Tab
"Cent" Sign	shift-6
Clear	Pause
Enter	Enter key on numeric keypad
Erase EOF	End
F1-F12	F1-F12
F13 to F24	Shift F1 to Shift F12
NewLine	Enter on the keyboard
"Not" key (the “~” character)	ctrl-[(left bracket)
PA1	ctrl-Insert
PA2	ctrl-Home
Reset	Escape

<u>Vista Function</u>	<u>Key</u>	<u>Description</u>
BackNewLine	ctrl-PageDown	Moves cursor up one line and to the leftmost field
BottomHome	alt-Home	Move cursor to bottom command line
ClearBuffers	alt-F12	Clear all copy buffers
Copy	ctrl-C, R-Double Click	Copies selected text to clipboard
CopyAppend	ctrl-A	Append selected text to current clipboard
Cut	ctrl-X	Copies selected text to clipboard and then deletes it
DeleteWord	ctrl-D	Delete a word and scoot remainder of line to left
EditProfile	alt-Z	Calls up the profile edit dialog
End	ctrl-E, shift-End	Move cursor to end of a line of text
MoveCursor	L-Single Click	Move cursor to mouse location
MoveCursorEnter	L-Double Click	Move cursor and press Enter
NextSession	alt-F1 or alt-N	Swap to next open Vista window
Paste	ctrl-V	Pastes selected text from clipboard to screen
PasteContinue	ctrl-B	Continues pasting text from the point we left off
PasteJCL	ctrl-K, R-Single Click with Ctrl held	Paste clipboard to screen, replacing existing text
PasteInsert	ctrl-Q	Paste to screen, inserting into existing content
PasteRepeat	ctrl-R	Paste to screen and repeat until bottom of screen
PasteWindow	ctrl-W	Paste clipboard into specified area on screen
PrevSession	alt-F2	Swap to previous open Vista window
PrintScreen	ctrl-P	Print current screen to default printer. (Note: you don't need to “select” the screen before printing).
SelectAll	ctrl-S	Draw a selection box around entire screen area
SelectField	ctrl-F	Draw selection box around entire 3270 field
SelectJCL	ctrl-J, R-Single Click	Select items depending on mouse position and screen content.
SelectLine	ctrl-L, R-Single Click with Alt held	Select entire line of text
Undo	ctrl-Z	Puts screen back to last host transmission
WordLeft	ctrl-left-arrow	Move cursor one word to the left
WordRight	ctrl-right-arrow	cursor one word to the right